

# Bayer CropScience



## **ACCELERON® FUNGICIDE/INSECTICIDE CUSTOM BLEND**

SDS Number: 102000059602

SDS Version 1.0  
Revision Date: 11/22/2022

Custom Blend of these Product Safety Data Sheets:

### **ACCELERON® IX-409 INSECTICIDE SEED TREATMENT**

SDS Number: 102000012782  
SDS Version 5.0  
Revision Date: 08/12/2020

### **ACCELERON® D-961 FUNGICIDE SEED TREATMENT**

SDS Number: 102000022382  
SDS Version 3.1  
Revision Date: 03/21/2022

### **ACCELERON® D-309 FUNGICIDE SEED TREATMENT**

SDS Number: 102000027133  
SDS Version 4.0  
Revision Date: 09/03/2021

### **COLOR COAT RED (BASF)**

SDS Number: 102000053973  
SDS Version 5.0  
Revision Date: 06/29/2021

# SAFETY DATA SHEET



## ACCELERON® IX-409 INSECTICIDE SEED TREATMENT

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Revision Date: 08/12/2020  
Print Date: 08/13/2020

### SECTION 1: IDENTIFICATION OF THE SUBSTANCE/MIXTURE AND OF THE COMPANY/UNDERTAKING

#### Product identifier

|                      |  |
|----------------------|--|
| Trade name           | ACCELERON® IX-409 INSECTICIDE SEED TREATMENT |
| Product code (UVP)   | 06535143                                     |
| SDS Number           | 102000012782                                 |
| EPA Registration No. | 264-968                                      |

#### Relevant identified uses of the substance or mixture and uses advised against

|   |   |
|---|---|
| Use                                       | Insecticide, Seed treatment   |
| Restrictions on use                       | See product label for restrictions.   |
| Information on supplier                   |   |
| Supplier                                  | Bayer CropScience LP<br>800 North Lindbergh Blvd.<br>St. Louis, MO 63167<br>USA |
| Responsible Department                    | Email: SDSINFO.BCS-NA@bayer.com   |
| Emergency telephone no.                   |   |
| Emergency Telephone Number (24hr/ 7 days) | 1-800-334-7577  |
| Product Information Telephone Number      | 1-866-99BAYER (1-866-992-2937)  |

### SECTION 2: HAZARDS IDENTIFICATION

#### Classification in accordance with regulation HCS 29CFR §1910.1200

Acute toxicity(Oral, Inhalation): Category 4

#### Labelling in accordance with regulation HCS 29CFR §1910.1200



**Signal word:** Warning

#### Hazard statements

Harmful if swallowed or if inhaled.

#### Precautionary statements

Wash thoroughly after handling.

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Do not eat, drink or smoke when using this product.  
Avoid breathing mist/ spray.  
Use only outdoors or in a well-ventilated area.  
IF SWALLOWED: Call a POISON CENTER/doctor/physician if you feel unwell.  
Rinse mouth.  
IF INHALED: Remove person to fresh air and keep comfortable for breathing.  
Call a POISON CENTER/doctor/physician if you feel unwell.  
Dispose of contents/container in accordance with local regulation.

### Hazards Not Otherwise Classified (HNOC)

No physical hazards not otherwise classified.  
No health hazards not otherwise classified.

## SECTION 3: COMPOSITION/INFORMATION ON INGREDIENTS

| Hazardous Component Name | CAS-No.     | Concentration % by weight |
|--------------------------|-------------|---------------------------|
| Imidacloprid             | 138261-41-3 | 48.7                      |

## SECTION 4: FIRST AID MEASURES

### Description of first aid measures

|                       |   |
|-----------------------|---|
| <b>General advice</b> | When possible, have the product container or label with you when calling a poison control center or doctor or going for treatment.  |
| <b>Inhalation</b>     | Move to fresh air. If person is not breathing, call 911 or an ambulance, then give artificial respiration, preferably mouth-to-mouth if possible. Call a physician or poison control center immediately.  |
| <b>Skin contact</b>   | Take off contaminated clothing and shoes immediately. Wash off immediately with plenty of water for at least 15 minutes. Call a physician or poison control center immediately.   |
| <b>Eye contact</b>    | Hold eye open and rinse slowly and gently with water for 15-20 minutes. Remove contact lenses, if present, after the first 5 minutes, then continue rinsing eye. Call a physician or poison control center immediately.   |
| <b>Ingestion</b>      | Call a physician or poison control center immediately. Rinse out mouth and give water in small sips to drink. DO NOT induce vomiting unless directed to do so by a physician or poison control center. Never give anything by mouth to an unconscious person. Do not leave victim unattended. |

### Most important symptoms and effects, both acute and delayed

**Symptoms** To date no symptoms are known.

### Indication of any immediate medical attention and special treatment needed

**Treatment** Appropriate supportive and symptomatic treatment as indicated by the patient's condition is recommended.

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### SECTION 5: FIREFIGHTING MEASURES

#### Extinguishing media

**Suitable** Foam, Carbon dioxide (CO<sub>2</sub>), Dry chemical, Water spray

**Unsuitable** High volume water jet

**Special hazards arising from the substance or mixture** Dangerous gases are evolved in the event of a fire.

#### Advice for firefighters

**Special protective equipment for firefighters** Firefighters should wear NIOSH approved self-contained breathing apparatus and full protective clothing.

**Further information** Keep out of smoke. Fight fire from upwind position. Cool closed containers exposed to fire with water spray. Do not allow run-off from fire fighting to enter drains or water courses.

**Flash point** > 93.4 °C

**Auto-ignition temperature** No data available

**Lower explosion limit** No data available

**Upper explosion limit** No data available

**Explosivity** Not applicable

### SECTION 6: ACCIDENTAL RELEASE MEASURES

#### Personal precautions, protective equipment and emergency procedures

**Precautions** Use personal protective equipment. Keep unauthorized people away. Avoid contact with spilled product or contaminated surfaces.

#### Methods and materials for containment and cleaning up

**Methods for cleaning up** Soak up with inert absorbent material (e.g. sand, silica gel, acid binder, universal binder, sawdust). Collect and transfer the product into a properly labelled and tightly closed container. Clean contaminated floors and objects thoroughly, observing environmental regulations.

**Additional advice** Use personal protective equipment. If the product is accidentally spilled, do not allow to enter soil, waterways or waste water canal.

**Reference to other sections** Information regarding safe handling, see section 7.  
Information regarding personal protective equipment, see section 8.  
Information regarding waste disposal, see section 13.

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### SECTION 7: HANDLING AND STORAGE

#### Precautions for safe handling

**Advice on safe handling** Use only in area provided with appropriate exhaust ventilation. Handle and open container in a manner as to prevent spillage.

**Hygiene measures** Wash hands thoroughly with soap and water after handling and before eating, drinking, chewing gum, using tobacco, using the toilet or applying cosmetics.  
Remove Personal Protective Equipment (PPE) immediately after handling this product. Before removing gloves clean them with soap and water. Remove soiled clothing immediately and clean thoroughly before using again. Wash thoroughly and put on clean clothing.

#### Conditions for safe storage, including any incompatibilities

**Requirements for storage areas and containers** Store in a cool, dry place and in such a manner as to prevent cross contamination with other crop protection products, fertilizers, food, and feed. Store in original container and out of the reach of children, preferably in a locked storage area.

### SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION

#### Control parameters

| Components   | CAS-No.     | Control parameters             | Update | Basis    |
|--------------|-------------|--------------------------------|--------|----------|
| Imidacloprid | 138261-41-3 | 0.7 mg/m <sup>3</sup><br>(TWA) |        | OES BCS* |

\*OES BCS: Internal Bayer AG, Crop Science Division "Occupational Exposure Standard"

#### Exposure controls

##### Personal protective equipment

In normal use and handling conditions please refer to the label and/or leaflet. In all other cases the following recommendations would apply.

**Respiratory protection** When respirators are required, select NIOSH approved equipment based on actual or potential airborne concentrations and in accordance with the appropriate regulatory standards and/or industry recommendations.

**Hand protection** Chemical resistant nitrile rubber gloves

**Eye protection** Tightly fitting safety goggles

**Skin and body protection** Wear long-sleeved shirt and long pants and shoes plus socks.

**General protective measures** Follow manufacturer's instructions for cleaning/maintaining PPE. If no such instructions for washables, use detergent and warm/tepid water.  
Keep and wash PPE separately from other laundry.

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### SECTION 9. PHYSICAL AND CHEMICAL PROPERTIES

#### Information on basic physical and chemical properties

|   |  |
|---|--|
| <b>Form</b>   | suspension   |
| <b>Colour</b>   | white to light beige   |
| <b>Odour</b>  | characteristic   |
| <b>Odour Threshold</b>                                    | No data available  |
| <b>pH</b>   | 6.0 - 7.5 (100 %) (23 °C)  |
| <b>Melting point/range</b>                                | No data available  |
| <b>Boiling Point</b>                                      | > 100 °C   |
| <b>Flash point</b>  | > 93.4 °C  |
| <b>Flammability</b>                                       | No data available  |
| <b>Auto-ignition temperature</b>                          | No data available  |
| <b>Minimum ignition energy</b>                            | Not applicable   |
| <b>Self-accelarating decomposition temperature (SADT)</b> | No data available  |
| <b>Upper explosion limit</b>                              | No data available  |
| <b>Lower explosion limit</b>                              | No data available  |
| <b>Vapour pressure</b>                                    | No data available  |
| <b>Evaporation rate</b>                                   | No data available  |
| <b>Relative vapour density</b>                            | No data available  |
| <b>Relative density</b>                                   | No data available  |
| <b>Density</b>  | ca. 1.23 g/cm <sup>3</sup> (20 °C)   |
| <b>Water solubility</b>                                   | dispersible  |
| <b>Partition coefficient: n-octanol/water</b>             | Imidacloprid: log Pow: 0.57  |
| <b>Viscosity, dynamic</b>                                 | 550 - 900 mPa.s (25 °C)<br>230 - 370 mPa.s (20 °C)<br>Velocity gradient 20 /s<br>100 - 160 mPa.s (20 °C)<br>Velocity gradient 100 /s |
| <b>Viscosity, kinematic</b>                               | No data available  |
| <b>Oxidizing properties</b>                               | No data available  |
| <b>Explosivity</b>  | Not applicable   |

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### SECTION 10: STABILITY AND REACTIVITY

#### Reactivity

|   |  |
|---|--|
| <b>Thermal decomposition</b>              | Stable under normal conditions.  |
| <b>Chemical stability</b>                 | Stable under recommended storage conditions.   |
| <b>Possibility of hazardous reactions</b> | No hazardous reactions when stored and handled according to prescribed instructions. |
| <b>Conditions to avoid</b>                | Extremes of temperature and direct sunlight.<br>freezing                             |
| <b>Incompatible materials</b>             | No incompatible materials known.   |
| <b>Hazardous decomposition products</b>   | No decomposition products expected under normal conditions of use.                   |

### SECTION 11: TOXICOLOGICAL INFORMATION

|   |   |
|---|---|
| <b>Exposure routes</b>                      | Inhalation, Ingestion, Skin Absorption, Eye contact   |
| <b>Immediate Effects</b>                    |   |
| <b>Eye</b>                                  | May cause mild irritation to eyes.  |
| <b>Skin</b>                                 | Harmful if absorbed through skin. May cause mild irritation to the skin.                    |
| <b>Ingestion</b>                            | Harmful if swallowed.   |
| <b>Inhalation</b>                           | Harmful if inhaled. Inhalation may cause irritation of nasal passages.                      |
| <b>Information on toxicological effects</b> |   |
| <b>Acute oral toxicity</b>                  | LD50 (Rat) > 300 - < 2,000 mg/kg  |
| <b>Acute inhalation toxicity</b>            | LC50 (male Rat) 2.5 mg/l<br>Exposure time: 4 h<br>Determined in the form of liquid aerosol. |
| <b>Acute dermal toxicity</b>                | LD50 (male/female combined Rat) > 2,000 mg/kg   |
| <b>Skin corrosion/irritation</b>            | Slight irritant effect - does not require labelling. (Rabbit)                               |
| <b>Serious eye damage/eye irritation</b>    | Slight irritant effect - does not require labelling. (Rabbit)                               |
| <b>Respiratory or skin sensitisation</b>    | Skin: Non-sensitizing. (Guinea pig)   |

#### Assessment STOT Specific target organ toxicity – single exposure

Imidacloprid: Based on available data, the classification criteria are not met.

#### Assessment STOT Specific target organ toxicity – repeated exposure

Imidacloprid did not cause specific target organ toxicity in experimental animal studies.

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### Assessment mutagenicity

Imidacloprid was not mutagenic or genotoxic based on the overall weight of evidence in a battery of in vitro and in vivo tests.

### Assessment carcinogenicity

Imidacloprid was not carcinogenic in lifetime feeding studies in rats and mice.

### ACGIH

None.

### NTP

None.

### IARC

None.

### OSHA

None.

### Assessment toxicity to reproduction

Imidacloprid caused reproduction toxicity in a two-generation study in rats only at dose levels also toxic to the parent animals. The reproduction toxicity seen with Imidacloprid is related to parental toxicity.

### Assessment developmental toxicity

Imidacloprid caused developmental toxicity only at dose levels toxic to the dams. The developmental effects seen with Imidacloprid are related to maternal toxicity.

### Further information

Only acute toxicity studies have been performed on the formulated product.  
The non-acute information pertains to the active ingredient(s).

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## SECTION 12: ECOLOGICAL INFORMATION

### Toxicity to fish

LC50 (Oncorhynchus mykiss (rainbow trout)) 211 mg/l  
Exposure time: 96 h  
The value mentioned relates to the active ingredient imidacloprid.

### Toxicity to aquatic invertebrates

EC50 (Daphnia magna (Water flea)) 85 mg/l  
Exposure time: 48 h  
The value mentioned relates to the active ingredient imidacloprid.

LC50 (Chironomus riparius (non-biting midge)) 0.0552 mg/l  
Exposure time: 24 h  
The value mentioned relates to the active ingredient imidacloprid.

### Toxicity to aquatic plants

EC50 (Desmodesmus subspicatus (green algae)) > 10 mg/l  
Growth rate; Exposure time: 72 h



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|   |  |
|---|--|
|   | The value mentioned relates to the active ingredient imidacloprid.   |
| <b>Biodegradability</b>                   | Imidacloprid:<br>Not rapidly biodegradable   |
| <b>Koc</b>                                | Imidacloprid: Koc: 225   |
| <b>Bioaccumulation</b>                    | Imidacloprid:<br>Does not bioaccumulate.   |
| <b>Mobility in soil</b>                   | Imidacloprid: Moderately mobile in soils   |
| <b>Results of PBT and vPvB assessment</b> |  |
| <b>PBT and vPvB assessment</b>            | Imidacloprid: This substance is not considered to be persistent, bioaccumulative and toxic (PBT). This substance is not considered to be very persistent and very bioaccumulative (vPvB).  |
| <b>Environmental precautions</b>          | Do not allow to get into surface water, drains and ground water.<br>Do not apply directly to water, to areas where surface water is present or to intertidal areas below the mean high water mark.<br>Do not contaminate surface or ground water by cleaning equipment or disposal of wastes, including equipment wash water.<br>Apply this product as specified on the label. |

## SECTION 13: DISPOSAL CONSIDERATIONS

### Waste treatment methods

|                               |  |
|-------------------------------|--|
| <b>Product</b>                | Pesticide, spray mixture or rinse water that cannot be used according to label instructions may be disposed of on site or at an approved waste disposal facility.<br>Dispose in accordance with all local, state/provincial and federal regulations.   |
| <b>Contaminated packaging</b> | Do not re-use empty containers.<br>Triple rinse containers.<br>Puncture container to avoid re-use.<br>Dispose of empty container in a sanitary landfill or by incineration, or, if allowed by State/Provincial and local authorities, by burning.<br>If burned, stay out of smoke.<br>Follow advice on product label and/or leaflet. |
| <b>RCRA Information</b>       | Characterization and proper disposal of this material as a special or hazardous waste is dependent upon Federal, State and local laws and are the user's responsibility. RCRA classification may apply.  |

## SECTION 14: TRANSPORT INFORMATION

|              |  |
|--------------|--|
| <b>49CFR</b> | Not dangerous goods / not hazardous material |
| <b>IMDG</b>  |  |

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|                      |   |
|----------------------|---|
| UN number            | <b>3082</b>   |
| Class                | 9   |
| Packaging group      | III   |
| Marine pollutant     | YES   |
| Proper shipping name | ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID,<br>N.O.S.<br>(IMIDACLOPRID SOLUTION) |

### IATA

|                          |  |
|--------------------------|--|
| UN number                | <b>3082</b>  |
| Class                    | 9  |
| Packaging group          | III  |
| Environm. Hazardous Mark | YES  |
| Proper shipping name     | ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID,<br>N.O.S.<br>(IMIDACLOPRID SOLUTION ) |

This transportation information is not intended to convey all specific regulatory information relating to this product. It does not address regulatory variations due to package size or special transportation requirements.

Freight Classification: INSECTICIDES OR FUNGICIDES, N.O.I., OTHER THAN  
POISON

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## SECTION 15: REGULATORY INFORMATION

**EPA Registration No.** 264-968

### US Federal Regulations

#### TSCA list

|                 |           |
|-----------------|-----------|
| Water           | 7732-18-5 |
| Glycerine       | 56-81-5   |
| 1,2-Propanediol | 57-55-6   |

#### US. Toxic Substances Control Act (TSCA) Section 12(b) Export Notification (40 CFR 707, Subpt D)

No export notification needs to be made.

#### SARA Title III - Section 302 - Notification and Information

Not applicable.

#### SARA Title III - Section 313 - Toxic Chemical Release Reporting

None.

### US States Regulatory Reporting

#### CA Prop65

This product does not contain any substances known to the State of California to cause cancer.

This product does not contain any substances known to the State of California to cause reproductive harm.

### US State Right-To-Know Ingredients

|           |         |        |
|-----------|---------|--------|
| Glycerine | 56-81-5 | MN, RI |
|-----------|---------|--------|

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1,2-Propanediol

57-55-6

MN, RI

### Environmental

#### CERCLA

None.

#### Clean Water Section 307(a)(1)

None.

#### Safe Drinking Water Act Maximum Contaminant Levels

None.

### EPA/FIFRA Information:

This chemical is a pesticide product registered by the Environmental Protection Agency and is subject to certain labeling requirements under federal pesticide law. These requirements differ from the classification criteria and hazard information required for safety data sheets, and for workplace labels of non-pesticide chemicals. Following is the hazard information required on the pesticide label:

**Signal word:** Caution!

**Hazard statements:** Harmful if swallowed, inhaled or absorbed through the skin.

## SECTION 16: OTHER INFORMATION

### Abbreviations and acronyms

|         |   |
|---------|---|
| 49CFR   | Code of Federal Regulations, Title 49                                 |
| ACGIH   | US. ACGIH Threshold Limit Values                                      |
| ATE     | Acute toxicity estimate   |
| CAS-Nr. | Chemical Abstracts Service number                                     |
| CERCLA  | Comprehensive Environmental Response, Compensation, and Liability Act |
| EINECS  | European inventory of existing commercial substances                  |
| ELINCS  | European list of notified chemical substances                         |
| IARC    | International Agency for Research on Cancer                           |
| IATA    | International Air Transport Association                               |
| IMDG    | International Maritime Dangerous Goods                                |
| N.O.S.  | Not otherwise specified   |
| NTP     | US. National Toxicology Program (NTP) Report on Carcinogens           |
| OECD    | Organization for Economic Co-operation and Development                |
| TDG     | Transportation of Dangerous Goods                                     |
| TWA     | Time weighted average   |
| UN      | United Nations  |
| WHO     | World health organisation   |

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### NFPA 704 (National Fire Protection Association):

Health - 2      Flammability - 1      Instability - 0      Others - none

### HMIS (Hazardous Materials Identification System, based on the Third Edition Ratings Guide)

Health - 2      Flammability - 1      Physical Hazard - 0      PPE -

0 = minimal hazard, 1 = slight hazard, 2 = moderate hazard, 3 = severe hazard, 4 = extreme hazard

**Reason for Revision:** Reviewed and updated for general editorial purposes.

**Revision Date:** 08/12/2020

This information is provided in good faith but without express or implied warranty. The customer assumes all responsibility for safety and use not in accordance with label instructions. The product names are registered trademarks of Bayer.

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## ACCELERON® D-961 FUNGICIDE SEED TREATMENT

Version 3.1 / USA  
102000022382

1/11  
Revision Date: 03/21/2022  
Print Date: 03/22/2022

### SECTION 1: IDENTIFICATION OF THE SUBSTANCE/MIXTURE AND OF THE COMPANY/UNDERTAKING

#### Product identifier

|                      |   |
|----------------------|---|
| Trade name           | ACCELERON® D-961 FUNGICIDE SEED TREATMENT |
| Product code (UVP)   | 84921041                                  |
| SDS Number           | 102000022382                              |
| EPA Registration No. | 264-1122                                  |

#### Relevant identified uses of the substance or mixture and uses advised against

|                         |   |
|-------------------------|---|
| Use                     | Seed treatment, Fungicide   |
| Restrictions on use     | See product label for restrictions.   |
| Information on supplier |   |
| Supplier                | Bayer CropScience LP<br>800 North Lindbergh Blvd.<br>St. Louis, MO 63167<br>USA |
| Responsible Department  | Email: SDSINFO.BCS-NA@bayer.com   |

#### Emergency telephone no.

|   |                                |
|---|--------------------------------|
| Emergency Telephone Number (24hr/ 7 days) | 1-800-334-7577                 |
| Product Information Telephone Number      | 1-866-99BAYER (1-866-992-2937) |

### SECTION 2: HAZARDS IDENTIFICATION

#### Classification in accordance with regulation HCS 29CFR §1910.1200

This material is not hazardous under the criteria of the Federal OSHA Hazard Communication Standard 29CFR 1910.1200.

#### Labelling in accordance with regulation HCS 29CFR §1910.1200

##### Precautionary statements

Protect from sunlight.

##### Hazards Not Otherwise Classified (HNOC)

No physical hazards not otherwise classified.  
No health hazards not otherwise classified.

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## ACCELERON® D-961 FUNGICIDE SEED TREATMENT

Version 3.1 / USA  
102000022382

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Revision Date: 03/21/2022  
Print Date: 03/22/2022

### SECTION 3: COMPOSITION/INFORMATION ON INGREDIENTS

| Hazardous Component Name | CAS-No.     | Concentration % by weight |
|--------------------------|-------------|---------------------------|
| Prothioconazole          | 178928-70-6 | 7.18                      |
| Penflufen                | 494793-67-8 | 3.59                      |
| Metalaxyl                | 57837-19-1  | 5.74                      |

### SECTION 4: FIRST AID MEASURES

#### Description of first aid measures

|                       |   |
|-----------------------|---|
| <b>General advice</b> | When possible, have the product container or label with you when calling a poison control center or doctor or going for treatment.  |
| <b>Inhalation</b>     | Move to fresh air. If person is not breathing, call 911 or an ambulance, then give artificial respiration, preferably mouth-to-mouth if possible. Call a physician or poison control center immediately.  |
| <b>Skin contact</b>   | Take off contaminated clothing and shoes immediately. Wash off immediately with plenty of water for at least 15 minutes. Call a physician or poison control center immediately.   |
| <b>Eye contact</b>    | Hold eye open and rinse slowly and gently with water for 15-20 minutes. Remove contact lenses, if present, after the first 5 minutes, then continue rinsing eye. Call a physician or poison control center immediately.   |
| <b>Ingestion</b>      | Call a physician or poison control center immediately. Rinse out mouth and give water in small sips to drink. DO NOT induce vomiting unless directed to do so by a physician or poison control center. Never give anything by mouth to an unconscious person. Do not leave victim unattended. |

#### Most important symptoms and effects, both acute and delayed

**Symptoms** To date no symptoms are known.

#### Indication of any immediate medical attention and special treatment needed

**Treatment** Appropriate supportive and symptomatic treatment as indicated by the patient's condition is recommended.

### SECTION 5: FIREFIGHTING MEASURES

#### Extinguishing media

|                   |  |
|-------------------|--|
| <b>Suitable</b>   | Water spray, Foam, Carbon dioxide (CO <sub>2</sub> ), Dry chemical |
| <b>Unsuitable</b> | High volume water jet  |

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## ACCELERON® D-961 FUNGICIDE SEED TREATMENT

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Print Date: 03/22/2022

|  |  |
|--|--|
| <b>Special hazards arising from the substance or mixture</b> | Dangerous gases are evolved in the event of a fire.  |
| <b>Advice for firefighters</b>                               |  |
| <b>Special protective equipment for firefighters</b>         | Firefighters should wear NIOSH approved self-contained breathing apparatus and full protective clothing.   |
| <b>Further information</b>                                   | Keep out of smoke. Fight fire from upwind position. Cool closed containers exposed to fire with water spray. Do not allow run-off from fire fighting to enter drains or water courses. |
| <b>Flash point</b>   | No flash point - Determination conducted up to the boiling point.  |
| <b>Auto-ignition temperature</b>                             | 445 °C / 833 °F  |
| <b>Lower explosion limit</b>                                 | No data available  |
| <b>Upper explosion limit</b>                                 | No data available  |
| <b>Explosivity</b>   | Not explosive<br>92/69/EEC, A.14 / OECD 113  |

## SECTION 6: ACCIDENTAL RELEASE MEASURES

### Personal precautions, protective equipment and emergency procedures

|                    |  |
|--------------------|--|
| <b>Precautions</b> | Keep unauthorized people away. Isolate hazard area. Avoid contact with spilled product or contaminated surfaces. |
|--------------------|--|

### Methods and materials for containment and cleaning up

|                                |   |
|--------------------------------|---|
| <b>Methods for cleaning up</b> | Soak up with inert absorbent material (e.g. sand, silica gel, acid binder, universal binder, sawdust). Collect and transfer the product into a properly labelled and tightly closed container. Clean contaminated floors and objects thoroughly, observing environmental regulations. |
|--------------------------------|---|

|                          |  |
|--------------------------|--|
| <b>Additional advice</b> | Use personal protective equipment. If the product is accidentally spilled, do not allow to enter soil, waterways or waste water canal. |
|--------------------------|--|

|                                    |   |
|------------------------------------|---|
| <b>Reference to other sections</b> | Information regarding safe handling, see section 7.<br>Information regarding personal protective equipment, see section 8.<br>Information regarding waste disposal, see section 13. |
|------------------------------------|---|

## SECTION 7: HANDLING AND STORAGE

### Precautions for safe handling

|                                |   |
|--------------------------------|---|
| <b>Advice on safe handling</b> | Use only in area provided with appropriate exhaust ventilation. Handle and open container in a manner as to prevent spillage. |
|--------------------------------|---|

|                         |   |
|-------------------------|---|
| <b>Hygiene measures</b> | Wash hands thoroughly with soap and water after handling and before eating, drinking, chewing gum, using tobacco, using the toilet or |
|-------------------------|---|

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applying cosmetics.  
Remove Personal Protective Equipment (PPE) immediately after handling this product. Before removing gloves clean them with soap and water. Remove soiled clothing immediately and clean thoroughly before using again. Wash thoroughly and put on clean clothing.

### Conditions for safe storage, including any incompatibilities

#### Requirements for storage areas and containers

Store in a cool, dry place and in such a manner as to prevent cross contamination with other crop protection products, fertilizers, food, and feed. Store in original container and out of the reach of children, preferably in a locked storage area. Protect from freezing. Keep away from direct sunlight.

## SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION

### Control parameters

| Components      | CAS-No.     | Control parameters                | Update | Basis    |
|-----------------|-------------|-----------------------------------|--------|----------|
| Prothioconazole | 178928-70-6 | 1.4 mg/m <sup>3</sup><br>(SK-ABS) |        | OES BCS* |

\*OES BCS: Internal Bayer AG, Crop Science Division "Occupational Exposure Standard"

### Exposure controls

#### Personal protective equipment

In normal use and handling conditions please refer to the label and/or leaflet. In all other cases the following recommendations would apply.

#### Respiratory protection

When respirators are required, select NIOSH approved equipment based on actual or potential airborne concentrations and in accordance with the appropriate regulatory standards and/or industry recommendations.

#### Hand protection

Chemical resistant nitrile rubber gloves

#### Eye protection

Safety glasses with side-shields

#### Skin and body protection

Wear long-sleeved shirt and long pants and shoes plus socks.

#### General protective measures

Follow manufacturer's instructions for cleaning/maintaining PPE. If no such instructions for washables, use detergent and warm/tepid water.  
Keep and wash PPE separately from other laundry.

## SECTION 9. PHYSICAL AND CHEMICAL PROPERTIES

### Information on basic physical and chemical properties

Form suspension

Colour beige



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|   |  |
|---|--|
| <b>Odour</b>  | musty  |
| <b>Odour Threshold</b>                                    | No data available  |
| <b>pH</b>   | 6.0 - 8.0 (100 %) (23 °C)  |
| <b>Melting point/range</b>                                | No data available  |
| <b>Boiling Point</b>                                      | No data available  |
| <b>Flash point</b>  | No flash point - Determination conducted up to the boiling point.                |
| <b>Flammability</b>                                       | No data available  |
| <b>Auto-ignition temperature</b>                          | 445 °C / 833 °F  |
| <b>Minimum ignition energy</b>                            | No data available  |
| <b>Self-accelarating decomposition temperature (SADT)</b> | No data available  |
| <b>Upper explosion limit</b>                              | No data available  |
| <b>Lower explosion limit</b>                              | No data available  |
| <b>Vapour pressure</b>                                    | No data available  |
| <b>Evaporation rate</b>                                   | No data available  |
| <b>Relative vapour density</b>                            | No data available  |
| <b>Relative density</b>                                   | No data available  |
| <b>Density</b>  | ca. 1.07 g/cm <sup>3</sup> (20 °C)   |
| <b>Water solubility</b>                                   | dispersible  |
| <b>Partition coefficient: n-octanol/water</b>             | Prothioconazole: log Pow: 3.82 (20 °C) (pH 7)<br>Penflufen: log Pow: 3.3 (25 °C) |
| <b>Viscosity, dynamic</b>                                 | No data available  |
| <b>Viscosity, kinematic</b>                               | No data available  |
| <b>Oxidizing properties</b>                               | No data available  |
| <b>Explosivity</b>  | Not explosive<br>92/69/EEC, A.14 / OECD 113                                      |

## SECTION 10: STABILITY AND REACTIVITY

|                           |  |
|---------------------------|--|
| <b>Reactivity</b>         | Stable under normal conditions.              |
| <b>Chemical stability</b> | Stable under recommended storage conditions. |

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|   |  |
|---|--|
| <b>Possibility of hazardous reactions</b> | No hazardous reactions when stored and handled according to prescribed instructions. |
| <b>Conditions to avoid</b>                | Extremes of temperature and direct sunlight.   |
| <b>Incompatible materials</b>             | No incompatible materials known.   |
| <b>Hazardous decomposition products</b>   | No decomposition products expected under normal conditions of use.                   |

## SECTION 11: TOXICOLOGICAL INFORMATION

|                          |   |
|--------------------------|---|
| <b>Exposure routes</b>   | Skin Absorption, Ingestion, Eye contact, Inhalation   |
| <b>Immediate Effects</b> |   |
| <b>Eye</b>               | Not expected to produce significant adverse effects when recommended use instructions are followed. |
| <b>Skin</b>              | May be harmful in contact with skin.  |
| <b>Ingestion</b>         | May be harmful if swallowed.  |
| <b>Inhalation</b>        | Not expected to produce significant adverse effects when recommended use instructions are followed. |

### Information on toxicological effects

|  |   |
|--|---|
| <b>Acute oral toxicity</b>               | LD50 (Rat) > 2,000 mg/kg  |
| <b>Acute inhalation toxicity</b>         | LC50 (Rat) > 2.205 mg/l<br>Exposure time: 4 h<br>Determined in the form of liquid aerosol.<br>Highest attainable concentration. |
| <b>Acute dermal toxicity</b>             | LD50 (Rat) > 2,000 mg/kg  |
| <b>Skin corrosion/irritation</b>         | No skin irritation (Rabbit)   |
| <b>Serious eye damage/eye irritation</b> | No eye irritation (Rabbit)  |
| <b>Respiratory or skin sensitisation</b> | Skin: Non-sensitizing. (Mouse)  |

### Assessment STOT Specific target organ toxicity – single exposure

Prothioconazole: Based on available data, the classification criteria are not met.  
Penflufen: Based on available data, the classification criteria are not met.  
Metalaxyl: Based on available data, the classification criteria are not met.

### Assessment STOT Specific target organ toxicity – repeated exposure

Prothioconazole did not cause specific target organ toxicity in experimental animal studies.  
Penflufen did not cause specific target organ toxicity in experimental animal studies.  
Metalaxyl did not cause specific target organ toxicity in experimental animal studies.

### Assessment mutagenicity

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Prothioconazole was not mutagenic or genotoxic based on the overall weight of evidence in a battery of in vitro and in vivo tests.

Penflufen was not mutagenic or genotoxic in a battery of in vitro and in vivo tests.

Metalaxyl was not mutagenic or genotoxic in a battery of in vitro and in vivo tests.

### Assessment carcinogenicity

Prothioconazole was not carcinogenic in lifetime feeding studies in rats and mice.

Penflufen caused at high dose levels an increased incidence of tumours in rats in the following organ(s): ovaries, Brain, hematopoietic system. The mechanism that triggers these tumours is not relevant to humans.

Metalaxyl was not carcinogenic in lifetime feeding studies in rats and mice.

### ACGIH

None.

### NTP

None.

### IARC

None.

### Assessment toxicity to reproduction

Prothioconazole caused reproduction toxicity in a two-generation study in rats only at dose levels also toxic to the parent animals. The reproduction toxicity seen with Prothioconazole is related to parental toxicity.

Penflufen did not cause reproductive toxicity in a two-generation study in rats.

Metalaxyl did not cause reproductive toxicity in a multi-generation study in rats.

### Assessment developmental toxicity

Prothioconazole caused developmental toxicity only at dose levels toxic to the dams. The developmental effects seen with Prothioconazole are related to maternal toxicity.

Penflufen did not cause developmental toxicity in rats and rabbits.

Metalaxyl did not cause developmental toxicity in rats and rabbits.

### Aspiration hazard

Based on available data, the classification criteria are not met.

### Further information

Only acute toxicity studies have been performed on the formulated product.

The non-acute information pertains to the active ingredient(s).

---

## SECTION 12: ECOLOGICAL INFORMATION

### Toxicity to fish

LC50 (Oncorhynchus mykiss (rainbow trout)) 1.83 mg/l

Exposure time: 96 h

The value mentioned relates to the active ingredient prothioconazole.

LC50 (Cyprinus carpio (Carp)) 0.103 mg/l

Exposure time: 96 h

The value mentioned relates to the active ingredient penflufen.

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### Toxicity to aquatic invertebrates

EC50 (Daphnia magna (Water flea)) 1.3 mg/l  
Exposure time: 48 h  
The value mentioned relates to the active ingredient prothioconazole.

EC50 (Daphnia magna (Water flea)) > 4.66 mg/l  
Exposure time: 48 h  
The value mentioned relates to the active ingredient penflufen.  
No acute toxicity was observed at its limit of water solubility.

### Toxicity to aquatic plants

ErC50 (Skeletonema costatum) 0.03278 mg/l  
Exposure time: 72 h  
The value mentioned relates to the active ingredient prothioconazole.

EC10 (Skeletonema costatum) 0.01427 mg/l  
Growth rate; Exposure time: 72 h  
The value mentioned relates to the active ingredient prothioconazole.

EC50 (Raphidocelis subcapitata (freshwater green alga)) > 5.1 mg/l  
Growth rate; Exposure time: 96 h  
The value mentioned relates to the active ingredient penflufen.  
No acute toxicity was observed at its limit of water solubility.

### Biodegradability

Prothioconazole:  
Not rapidly biodegradable  
Penflufen:  
Not rapidly biodegradable  
Metalaxyl:  
Not rapidly biodegradable

### Koc

Prothioconazole: Koc: 1765  
Penflufen: Koc: 280  
Metalaxyl: Koc: 163

### Bioaccumulation

Prothioconazole: Bioconcentration factor (BCF) 19  
Does not bioaccumulate.  
Penflufen: Bioconcentration factor (BCF) 142  
Does not bioaccumulate.  
Metalaxyl: Bioconcentration factor (BCF) < 7  
Does not bioaccumulate.

### Mobility in soil

Prothioconazole: Slightly mobile in soils  
Penflufen: Moderately mobile in soils  
Metalaxyl: Moderately mobile in soils

### Results of PBT and vPvB assessment

#### PBT and vPvB assessment

Prothioconazole: This substance is not considered to be persistent, bioaccumulative and toxic (PBT). This substance is not considered to be very persistent and very bioaccumulative (vPvB).  
Penflufen: This substance is not considered to be persistent, bioaccumulative and toxic (PBT). This substance is not considered to be very persistent and very bioaccumulative (vPvB).

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**Environmental precautions** Metalaxyl: This substance is not considered to be persistent, bioaccumulative and toxic (PBT). This substance is not considered to be very persistent and very bioaccumulative (vPvB).  
Do not allow to get into surface water, drains and ground water.  
Do not contaminate surface or ground water by cleaning equipment or disposal of wastes, including equipment wash water.  
Drift and runoff from treated areas may be hazardous to aquatic organisms in adjacent sites.  
Apply this product as specified on the label.

### SECTION 13: DISPOSAL CONSIDERATIONS

#### Waste treatment methods

**Product** Dispose in accordance with all local, state/provincial and federal regulations.

**Contaminated packaging** Consult state and local regulations regarding the proper disposal of container.  
Follow advice on product label and/or leaflet.

**RCRA Information** Characterization and proper disposal of this material as a special or hazardous waste is dependent upon Federal, State and local laws and are the user's responsibility. RCRA classification may apply.

### SECTION 14: TRANSPORT INFORMATION

**49CFR** Not dangerous goods / not hazardous material

**IMDG**

|                      |  |
|----------------------|--|
| UN number            | <b>3082</b>  |
| Class                | 9  |
| Packaging group      | III  |
| Marine pollutant     | YES  |
| Proper shipping name | ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S.<br>(PROTHIOCONAZOLE, PENFLUFEN SOLUTION) |

**IATA**

|                          |   |
|--------------------------|---|
| UN number                | <b>3082</b>   |
| Class                    | 9   |
| Packaging group          | III   |
| Environm. Hazardous Mark | YES   |
| Proper shipping name     | ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S.<br>(PROTHIOCONAZOLE, PENFLUFEN SOLUTION ) |

This transportation information is not intended to convey all specific regulatory information relating to this

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product. It does not address regulatory variations due to package size or special transportation requirements.

Freight Classification: INSECTICIDES OR FUNGICIDES, N.O.I., OTHER THAN POISON

### SECTION 15: REGULATORY INFORMATION

EPA Registration No. 264-1122

#### US Federal Regulations

##### TSCA list

|                                      |           |
|--------------------------------------|-----------|
| Water                                | 7732-18-5 |
| 1,2-Propanediol                      | 57-55-6   |
| Polyethylene-polypropylene copolymer | 9003-11-6 |

#### US. Toxic Substances Control Act (TSCA) Section 12(b) Export Notification (40 CFR 707, Subpt D)

No export notification needs to be made.

#### SARA Title III - Section 302 - Notification and Information

Not applicable.

#### SARA Title III - Section 313 - Toxic Chemical Release Reporting

None.

#### US States Regulatory Reporting

##### CA Prop65

This product does not contain any substances known to the State of California to cause cancer.

WARNING: This product contains a chemical known to the State of California to cause birth defects or other reproductive harm. For more information go to [www.P65Warnings.ca.gov](http://www.P65Warnings.ca.gov).

|                                 |            |               |
|---------------------------------|------------|---------------|
| Sulphuric acid                  | 7664-93-9  | Carcinogenic. |
| Crystalline quartz (respirable) | 14808-60-7 | Carcinogenic. |

#### US State Right-To-Know Ingredients

|                 |         |        |
|-----------------|---------|--------|
| 1,2-Propanediol | 57-55-6 | MN, RI |
|-----------------|---------|--------|

#### Environmental

##### CERCLA

None.

##### Clean Water Section 307(a)(1)

None.

##### Safe Drinking Water Act Maximum Contaminant Levels

None.

#### EPA/FIFRA Information:

This chemical is a pesticide product regulated by the Environmental Protection Agency and is subject to certain labeling requirements under federal pesticide law. These requirements differ from the classification criteria and hazard information required for safety data sheets, and for workplace labels of non-pesticide chemicals. Following is the hazard information required on the pesticide label:

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**Signal word:** Caution!

**Hazard statements:** Harmful if swallowed.  
Harmful if absorbed through skin.

### SECTION 16: OTHER INFORMATION

#### Abbreviations and acronyms

|         |   |
|---------|---|
| 49CFR   | Code of Federal Regulations, Title 49                                 |
| ACGIH   | US. ACGIH Threshold Limit Values                                      |
| ATE     | Acute toxicity estimate   |
| CAS-Nr. | Chemical Abstracts Service number                                     |
| CERCLA  | Comprehensive Environmental Response, Compensation, and Liability Act |
| EINECS  | European inventory of existing commercial substances                  |
| ELINCS  | European list of notified chemical substances                         |
| IARC    | International Agency for Research on Cancer                           |
| IATA    | International Air Transport Association                               |
| IMDG    | International Maritime Dangerous Goods                                |
| N.O.S.  | Not otherwise specified   |
| NTP     | US. National Toxicology Program (NTP) Report on Carcinogens           |
| OECD    | Organization for Economic Co-operation and Development                |
| TDG     | Transportation of Dangerous Goods                                     |
| TWA     | Time weighted average   |
| UN      | United Nations  |
| WHO     | World health organisation   |

#### NFPA 704 (National Fire Protection Association):

Health - 1      Flammability - 0      Instability - 0      Others - none

#### HMIS (Hazardous Materials Identification System, based on the Third Edition Ratings Guide)

Health - 1      Flammability - 0      Physical Hazard - 0      PPE -

0 = minimal hazard, 1 = slight hazard, 2 = moderate hazard, 3 = severe hazard, 4 = extreme hazard

**Reason for Revision:** Reviewed and updated for general editorial purposes.

**Revision Date:** 03/21/2022

Changes since the last version are highlighted in the margin. This version replaces all previous versions.

This information is provided in good faith but without express or implied warranty. The customer assumes all responsibility for safety and use not in accordance with label instructions. The product names are registered trademarks of Bayer.

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### SECTION 1: IDENTIFICATION OF THE SUBSTANCE/MIXTURE AND OF THE COMPANY/UNDERTAKING

#### Product identifier

|                      |   |
|----------------------|---|
| Trade name           | ACCELERON® D-309 FUNGICIDE SEED TREATMENT |
| Product code (UVP)   | 84961019                                  |
| SDS Number           | 102000027133                              |
| EPA Registration No. | 264-935                                   |

#### Relevant identified uses of the substance or mixture and uses advised against

|                     |                                     |
|---------------------|-------------------------------------|
| Use                 | Fungicide, Seed treatment           |
| Restrictions on use | See product label for restrictions. |

#### Information on supplier

|                        |   |
|------------------------|---|
| Supplier               | Bayer CropScience LP<br>800 North Lindbergh Blvd.<br>St. Louis, MO 63167<br>USA |
| Responsible Department | Email: SDSINFO.BCS-NA@bayer.com   |

#### Emergency telephone no.

|   |                |
|---|----------------|
| Emergency Telephone Number (24hr/ 7 days) | 1-800-334-7577 |
|---|----------------|

|                                      |                                |
|--------------------------------------|--------------------------------|
| Product Information Telephone Number | 1-866-99BAYER (1-866-992-2937) |
|--------------------------------------|--------------------------------|

### SECTION 2: HAZARDS IDENTIFICATION

#### Classification in accordance with regulation HCS 29CFR §1910.1200

Eye irritation: Category 2B  
Acute toxicity(Inhalation): Category 4

#### Labelling in accordance with regulation HCS 29CFR §1910.1200



**Signal word:** Warning

#### Hazard statements

Causes eye irritation.  
Harmful if inhaled.



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### Precautionary statements

Wash thoroughly after handling.  
Avoid breathing dust, mist, spray.  
Use only outdoors or in a well-ventilated area.  
IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.  
If eye irritation persists: Get medical advice/ attention.  
IF INHALED: Remove person to fresh air and keep comfortable for breathing.  
Call a POISON CENTER/doctor/physician if you feel unwell.

### Hazards Not Otherwise Classified (HNOC)

No physical hazards not otherwise classified.  
No health hazards not otherwise classified.

## SECTION 3: COMPOSITION/INFORMATION ON INGREDIENTS

| Hazardous Component Name | CAS-No.    | Concentration % by weight |
|--------------------------|------------|---------------------------|
| Metalaxyl                | 57837-19-1 | 28.35                     |

## SECTION 4: FIRST AID MEASURES

### Description of first aid measures

|                       |   |
|-----------------------|---|
| <b>General advice</b> | When possible, have the product container or label with you when calling a poison control center or doctor or going for treatment.  |
| <b>Inhalation</b>     | Move to fresh air. If person is not breathing, call 911 or an ambulance, then give artificial respiration, preferably mouth-to-mouth if possible. Call a physician or poison control center immediately.  |
| <b>Skin contact</b>   | Take off contaminated clothing and shoes immediately. Wash off immediately with plenty of water for at least 15 minutes. Call a physician or poison control center immediately.   |
| <b>Eye contact</b>    | Hold eye open and rinse slowly and gently with water for 15-20 minutes. Remove contact lenses, if present, after the first 5 minutes, then continue rinsing eye. Call a physician or poison control center immediately.   |
| <b>Ingestion</b>      | Call a physician or poison control center immediately. Rinse out mouth and give water in small sips to drink. DO NOT induce vomiting unless directed to do so by a physician or poison control center. Never give anything by mouth to an unconscious person. Do not leave victim unattended. |

### Most important symptoms and effects, both acute and delayed

**Symptoms** To date no symptoms are known.

### Indication of any immediate medical attention and special treatment needed

**Treatment** Appropriate supportive and symptomatic treatment as indicated by the patient's condition is recommended.

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### SECTION 5: FIREFIGHTING MEASURES

#### Extinguishing media

**Suitable** Foam, Dry chemical, Carbon dioxide (CO<sub>2</sub>)

**Unsuitable** High volume water jet

**Special hazards arising from the substance or mixture** Dangerous gases are evolved in the event of a fire.

#### Advice for firefighters

**Special protective equipment for firefighters** Firefighters should wear NIOSH approved self-contained breathing apparatus and full protective clothing.

**Further information** Keep out of smoke. Fight fire from upwind position. Cool closed containers exposed to fire with water spray. Do not allow run-off from fire fighting to enter drains or water courses.

**Flash point** No data available

**Auto-ignition temperature** No data available

**Lower explosion limit** No data available

**Upper explosion limit** No data available

**Explosivity** No data available

---

### SECTION 6: ACCIDENTAL RELEASE MEASURES

#### Personal precautions, protective equipment and emergency procedures

**Precautions** Keep unauthorized people away. Isolate hazard area. Avoid contact with spilled product or contaminated surfaces.

#### Methods and materials for containment and cleaning up

**Methods for cleaning up** Soak up with inert absorbent material (e.g. sand, silica gel, acid binder, universal binder, sawdust). Collect and transfer the product into a properly labelled and tightly closed container. Clean contaminated floors and objects thoroughly, observing environmental regulations.

**Additional advice** Use personal protective equipment. If the product is accidentally spilled, do not allow to enter soil, waterways or waste water canal.

**Reference to other sections** Information regarding safe handling, see section 7.  
Information regarding personal protective equipment, see section 8.  
Information regarding waste disposal, see section 13.

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### SECTION 7: HANDLING AND STORAGE

#### Precautions for safe handling

**Advice on safe handling** Handle and open container in a manner as to prevent spillage. Use only in area provided with appropriate exhaust ventilation.

**Hygiene measures** Wash hands thoroughly with soap and water after handling and before eating, drinking, chewing gum, using tobacco, using the toilet or applying cosmetics.  
Remove Personal Protective Equipment (PPE) immediately after handling this product. Remove soiled clothing immediately and clean thoroughly before using again. Wash thoroughly and put on clean clothing.

#### Conditions for safe storage, including any incompatibilities

**Requirements for storage areas and containers** Store in a cool, dry place and in such a manner as to prevent cross contamination with other crop protection products, fertilizers, food, and feed. Store in original container and out of the reach of children, preferably in a locked storage area.

### SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION

#### Control parameters

No known occupational limit values.

#### Exposure controls

##### Personal protective equipment

In normal use and handling conditions please refer to the label and/or leaflet. In all other cases the following recommendations would apply.

**Respiratory protection** When respirators are required, select NIOSH approved equipment based on actual or potential airborne concentrations and in accordance with the appropriate regulatory standards and/or industry recommendations.

**Hand protection** Chemical resistant nitrile rubber gloves

**Eye protection** Tightly fitting safety goggles

**Skin and body protection** Wear long-sleeved shirt and long pants and shoes plus socks.

**General protective measures** Follow manufacturer's instructions for cleaning/maintaining PPE. If no such instructions for washables, use detergent and warm/tepid water.  
Keep and wash PPE separately from other laundry.

### SECTION 9. PHYSICAL AND CHEMICAL PROPERTIES

#### Information on basic physical and chemical properties

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|   |   |
|---|---|
| <b>Form</b>   | Liquid  |
| <b>Colour</b>   | light brown   |
| <b>Odour</b>  | musty   |
| <b>Odour Threshold</b>                                    | No data available   |
| <b>pH</b>   | 5.0 - 8.0 (100 %) (23 °C)   |
| <b>Melting point/range</b>                                | No data available   |
| <b>Boiling Point</b>                                      | No data available   |
| <b>Flash point</b>  | No data available   |
| <b>Flammability</b>                                       | No data available   |
| <b>Auto-ignition temperature</b>                          | No data available   |
| <b>Thermal decomposition</b>                              | No data available   |
| <b>Minimum ignition energy</b>                            | No data available   |
| <b>Self-accelarating decomposition temperature (SADT)</b> | No data available   |
| <b>Upper explosion limit</b>                              | No data available   |
| <b>Lower explosion limit</b>                              | No data available   |
| <b>Vapour pressure</b>                                    | No data available   |
| <b>Evaporation rate</b>                                   | No data available   |
| <b>Relative vapour density</b>                            | No data available   |
| <b>Relative density</b>                                   | No data available   |
| <b>Density</b>  | ca. 1.10 g/cm <sup>3</sup> (20 °C)  |
| <b>Water solubility</b>                                   | dispersible   |
| <b>Partition coefficient: n-octanol/water</b>             | No data available   |
| <b>Viscosity, dynamic</b>                                 | 250 - 600 mPa.s (25 °C)<br>160 - 300 mPa.s (20 °C)<br>Velocity gradient 20 /s<br>75 - 115 mPa.s (20 °C)<br>Velocity gradient 100 /s |
| <b>Viscosity, kinematic</b>                               | No data available   |
| <b>Oxidizing properties</b>                               | No data available   |
| <b>Explosivity</b>  | No data available   |

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### SECTION 10: STABILITY AND REACTIVITY

|   |  |
|---|--|
| <b>Reactivity</b>                         | Stable under normal conditions.  |
| <b>Chemical stability</b>                 | Stable under recommended storage conditions.   |
| <b>Possibility of hazardous reactions</b> | No hazardous reactions when stored and handled according to prescribed instructions. |
| <b>Conditions to avoid</b>                | Extremes of temperature and direct sunlight.   |
| <b>Incompatible materials</b>             | Strong acids, Strong bases, Oxidizing agents   |
| <b>Hazardous decomposition products</b>   | No decomposition products expected under normal conditions of use.                   |

### SECTION 11: TOXICOLOGICAL INFORMATION

|   |   |
|---|---|
| <b>Exposure routes</b>                      | Skin contact, Eye contact, Ingestion, Inhalation  |
| <b>Immediate Effects</b>                    |   |
| <b>Eye</b>                                  | Moderate eye irritation.  |
| <b>Skin</b>                                 | Harmful if absorbed through skin. May cause skin irritation.                              |
| <b>Ingestion</b>                            | Harmful if swallowed.   |
| <b>Inhalation</b>                           | May be harmful if inhaled.  |
| <b>Information on toxicological effects</b> |   |
| <b>Acute oral toxicity</b>                  | LD50 (Rat) > 2,900 mg/kg  |
| <b>Acute inhalation toxicity</b>            | LC50 (Rat) > 2.67 mg/l<br>Exposure time: 4 h<br>Determined in the form of liquid aerosol. |
| <b>Acute dermal toxicity</b>                | LD50 (Rabbit) > 2,000 mg/kg   |
| <b>Skin corrosion/irritation</b>            | No skin irritation (Rabbit)   |
| <b>Serious eye damage/eye irritation</b>    | Moderate eye irritation. (Rabbit)   |
| <b>Respiratory or skin sensitisation</b>    | Skin: Non-sensitizing. (Guinea pig)   |

#### Assessment STOT Specific target organ toxicity – single exposure

Metalaxyl: Based on available data, the classification criteria are not met.

#### Assessment STOT Specific target organ toxicity – repeated exposure

Metalaxyl did not cause specific target organ toxicity in experimental animal studies.

#### Assessment mutagenicity

Metalaxyl was not mutagenic or genotoxic in a battery of in vitro and in vivo tests.

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### Assessment carcinogenicity

Metalaxyl was not carcinogenic in lifetime feeding studies in rats and mice.

### ACGIH

None.

### NTP

None.

### IARC

None.

### OSHA

None.

### Assessment toxicity to reproduction

Metalaxyl did not cause reproductive toxicity in a multi-generation study in rats.

### Assessment developmental toxicity

Metalaxyl did not cause developmental toxicity in rats and rabbits.

### Aspiration hazard

Based on available data, the classification criteria are not met.

### Further information

Only acute toxicity studies have been performed on the formulated product.  
The non-acute information pertains to the active ingredient(s).

---

## SECTION 12: ECOLOGICAL INFORMATION

### Toxicity to fish

LC50 (*Lepomis macrochirus* (Bluegill sunfish)) > 100 mg/l  
Exposure time: 96 h  
The value mentioned relates to the active ingredient metalaxyl.

LC50 (*Oncorhynchus mykiss* (rainbow trout)) > 100 mg/l  
Exposure time: 96 h  
The value mentioned relates to the active ingredient metalaxyl.

### Toxicity to aquatic invertebrates

LC50 (*Daphnia* (water flea)) > 28 mg/l  
Exposure time: 48 h  
The value mentioned relates to the active ingredient metalaxyl.

EC50 (*Mysidopsis bahia* (mysid shrimp)) 25 mg/l  
Exposure time: 96 h  
The value mentioned relates to the active ingredient metalaxyl.

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EC50 (Oyster) 4.6 mg/l  
Exposure time: 96 h  
The value mentioned relates to the active ingredient metalaxyl.

|   |   |
|---|---|
| <b>Toxicity to aquatic plants</b>         | IC50 (Algae) 33 mg/l<br>Exposure time: 5 Days<br>The value mentioned relates to the active ingredient metalaxyl.  |
| <b>Biodegradability</b>                   | Metalaxyl:<br>Not rapidly biodegradable   |
| <b>Koc</b>                                | Metalaxyl: Koc: 163   |
| <b>Bioaccumulation</b>                    | Metalaxyl: Bioconcentration factor (BCF) < 7<br>Does not bioaccumulate.   |
| <b>Mobility in soil</b>                   | Metalaxyl: Moderately mobile in soils   |
| <b>Results of PBT and vPvB assessment</b> |   |
| <b>PBT and vPvB assessment</b>            | Metalaxyl: This substance is not considered to be persistent, bioaccumulative and toxic (PBT). This substance is not considered to be very persistent and very bioaccumulative (vPvB).  |
| <b>Environmental precautions</b>          | Do not apply directly to water, to areas where surface water is present or to intertidal areas below the mean high water mark.<br>Do not contaminate surface or ground water by cleaning equipment or disposal of wastes, including equipment wash water.<br>Do not apply when weather conditions favor runoff or drift.<br>Apply this product as specified on the label. |

## SECTION 13: DISPOSAL CONSIDERATIONS

### Waste treatment methods

|                               |   |
|-------------------------------|---|
| <b>Product</b>                | Dispose in accordance with all local, state/provincial and federal regulations.   |
| <b>Contaminated packaging</b> | Do not re-use empty containers.<br>Consult state and local regulations regarding the proper disposal of container.<br>Follow advice on product label and/or leaflet.                                    |
| <b>RCRA Information</b>       | Characterization and proper disposal of this material as a special or hazardous waste is dependent upon Federal, State and local laws and are the user's responsibility. RCRA classification may apply. |

## SECTION 14: TRANSPORT INFORMATION

According to national and international transport regulations this material is not classified as dangerous goods / hazardous material.

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Freight Classification: INSECTICIDES OR FUNGICIDES, N.O.I., OTHER THAN POISON

### SECTION 15: REGULATORY INFORMATION

EPA Registration No. 264-935

#### US Federal Regulations

##### TSCA list

|                                      |           |
|--------------------------------------|-----------|
| Water                                | 7732-18-5 |
| White mineral oil                    | 8042-47-5 |
| Urea                                 | 57-13-6   |
| 1,2-Propanediol                      | 57-55-6   |
| Kaolin                               | 1332-58-7 |
| Polyethylene-polypropylene copolymer | 9003-11-6 |

#### US. Toxic Substances Control Act (TSCA) Section 12(b) Export Notification (40 CFR 707, Subpt D)

No export notification needs to be made.

#### SARA Title III - Section 302 - Notification and Information

Not applicable.

#### SARA Title III - Section 313 - Toxic Chemical Release Reporting

None.

#### US States Regulatory Reporting

##### CA Prop65

This product does not contain any substances known to the State of California to cause cancer.

This product does not contain any substances known to the State of California to cause reproductive harm.

#### US State Right-To-Know Ingredients

|                 |           |        |
|-----------------|-----------|--------|
| Urea            | 57-13-6   | MN     |
| 1,2-Propanediol | 57-55-6   | MN, RI |
| Kaolin          | 1332-58-7 | MN, RI |

#### Environmental

##### CERCLA

None.

#### Clean Water Section 307(a)(1)

None.

#### Safe Drinking Water Act Maximum Contaminant Levels

None.

#### EPA/FIFRA Information:

This chemical is a pesticide product registered by the Environmental Protection Agency and is subject to certain labeling requirements under federal pesticide law. These requirements differ from the classification



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criteria and hazard information required for safety data sheets, and for workplace labels of non-pesticide chemicals. Following is the hazard information required on the pesticide label:

**Signal word:** Warning!

**Hazard statements:** Causes skin irritation.  
Harmful if swallowed or absorbed through skin.  
Causes moderate eye irritation.

### SECTION 16: OTHER INFORMATION

#### Abbreviations and acronyms

|         |   |
|---------|---|
| 49CFR   | Code of Federal Regulations, Title 49                                 |
| ACGIH   | US. ACGIH Threshold Limit Values                                      |
| ATE     | Acute toxicity estimate   |
| CAS-Nr. | Chemical Abstracts Service number                                     |
| CERCLA  | Comprehensive Environmental Response, Compensation, and Liability Act |
| EINECS  | European inventory of existing commercial substances                  |
| ELINCS  | European list of notified chemical substances                         |
| IARC    | International Agency for Research on Cancer                           |
| IATA    | International Air Transport Association                               |
| IMDG    | International Maritime Dangerous Goods                                |
| N.O.S.  | Not otherwise specified   |
| NTP     | US. National Toxicology Program (NTP) Report on Carcinogens           |
| OECD    | Organization for Economic Co-operation and Development                |
| TDG     | Transportation of Dangerous Goods                                     |
| TWA     | Time weighted average   |
| UN      | United Nations  |
| WHO     | World health organisation   |

#### NFPA 704 (National Fire Protection Association):

Health - 2      Flammability - 1      Instability - 0      Others - none

#### HMIS (Hazardous Materials Identification System, based on the Third Edition Ratings Guide)

Health - 1      Flammability - 1      Physical Hazard - 0      PPE -

0 = minimal hazard, 1 = slight hazard, 2 = moderate hazard, 3 = severe hazard, 4 = extreme hazard

**Reason for Revision:** The following sections have been revised: Section 3: Composition / Information on Ingredients. Section 8: Exposure Controls / Personal Protection. Reviewed and updated for general editorial purposes.

**Revision Date:** 09/03/2021

Changes since the last version are highlighted in the margin. This version replaces all previous versions.

This information is provided in good faith but without express or implied warranty. The customer assumes

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all responsibility for safety and use not in accordance with label instructions. The product names are registered trademarks of Bayer.



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# Safety Data Sheet

## Color Coat Red

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### 1. Identification

#### Product identifier used on the label

**Color Coat Red**

#### Recommended use of the chemical and restriction on use

Recommended use\*: Seed coating

\* The "Recommended use" identified for this product is provided solely to comply with a Federal requirement and is not part of the seller's published specification. The terms of this Safety Data Sheet (SDS) do not create or infer any warranty, express or implied, including by incorporation into or reference in the seller's sales agreement.

#### Details of the supplier of the safety data sheet

Company:  
BASF CORPORATION  
100 Park Avenue  
Florham Park, NJ 07932, USA

Telephone: +1 973 245-6000

#### Emergency telephone number

24 Hour Emergency Response Information  
CHEMTREC: 1-800-424-9300  
BASF HOTLINE: 1-800-832-HELP (4357)

#### Other means of identification

---

### 2. Hazards Identification

According to Regulation 2012 OSHA Hazard Communication Standard; 29 CFR Part 1910.1200

#### Label elements

The product does not require a hazard warning label in accordance with GHS criteria.

---

### 3. Composition / Information on Ingredients

According to Regulation 2012 OSHA Hazard Communication Standard; 29 CFR Part 1910.1200

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Resin acids and Rosin acids, calcium salts  
CAS Number: 9007-13-0  
Content (W/W): 1.0 - 3.0%  
Synonym: Resin acids and Rosin acids calcium salts

---

## 4. First-Aid Measures

### Description of first aid measures

#### General advice:

Remove contaminated clothing.

#### If inhaled:

Keep patient calm, remove to fresh air, seek medical attention.

#### If on skin:

Wash thoroughly with soap and water

#### If in eyes:

Wash affected eyes for at least 15 minutes under running water with eyelids held open.

#### If swallowed:

Immediately rinse mouth and then drink 200-300 ml of water, seek medical attention.

### Most important symptoms and effects, both acute and delayed

Symptoms: Information, i.e. additional information on symptoms and effects may be included in the GHS labeling phrases available in Section 2 and in the Toxicological assessments available in Section 11., (Further) symptoms and / or effects are not known so far

### Indication of any immediate medical attention and special treatment needed

#### Note to physician

Treatment:

Treat according to symptoms (decontamination, vital functions), no known specific antidote.

---

## 5. Fire-Fighting Measures

### Extinguishing media

Suitable extinguishing media:

water spray, dry powder, foam, carbon dioxide

Unsuitable extinguishing media for safety reasons:

Unknown

### Special hazards arising from the substance or mixture

Hazards during fire-fighting:

carbon monoxide, carbon dioxide, Hydrogen chloride, hydrogen bromide, nitrogen oxides, sulfur oxides, halogenated compounds

The substances/groups of substances mentioned can be released in case of fire.

### Advice for fire-fighters

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Protective equipment for fire-fighting:  
Wear self-contained breathing apparatus and chemical-protective clothing.

### Further information:

Keep containers cool by spraying with water if exposed to fire. In case of fire and/or explosion do not breathe fumes. Collect contaminated extinguishing water separately, do not allow to reach sewage or effluent systems. Dispose of fire debris and contaminated extinguishing water in accordance with official regulations.

---

## 6. Accidental release measures

### Personal precautions, protective equipment and emergency procedures

Do not breathe vapour/spray. Use personal protective clothing. Avoid contact with the skin, eyes and clothing.

### Environmental precautions

Do not discharge into the subsoil/soil. Do not discharge into drains/surface waters/groundwater.

### Methods and material for containment and cleaning up

For small amounts: Pick up with suitable absorbent material (e.g. sand, sawdust, general-purpose binder, kieselguhr).

For large amounts: Dike spillage. Pump off product.

Dispose of absorbed material in accordance with regulations. Collect waste in suitable containers, which can be labeled and sealed. Clean contaminated floors and objects thoroughly with water and detergents, observing environmental regulations.

---

## 7. Handling and Storage

### Precautions for safe handling

No special measures necessary if stored and handled correctly. Ensure thorough ventilation of stores and work areas. When using do not eat, drink or smoke. Hands and/or face should be washed before breaks and at the end of the shift.

Protection against fire and explosion:

No special precautions necessary. The substance/product is non-combustible. Product is not explosive.

### Conditions for safe storage, including any incompatibilities

Segregate from foods and animal feeds.

Further information on storage conditions: Keep away from heat. Protect from direct sunlight.

Protect from temperatures below: 0 °C

Changes in the properties of the product may occur if substance/product is stored below indicated temperature for extended periods of time.

Protect from temperatures above: 40 °C

Changes in the properties of the product may occur if substance/product is stored above indicated temperature for extended periods of time.

---

## 8. Exposure Controls/Personal Protection

No occupational exposure limits known.

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### Advice on system design:

Whenever possible, engineering controls should be used to minimize the need for personal protective equipment.

### Personal protective equipment

#### Respiratory protection:

Wear respiratory protection if ventilation is inadequate. Wear a NIOSH-certified (or equivalent) TC23C Chemical/Mechanical type filter system to remove a combination of particles, gas and vapours. For situations where the airborne concentrations may exceed the level for which an air purifying respirator is effective, or where the levels are unknown or Immediately Dangerous to Life or Health (IDLH), use NIOSH-certified full facepiece pressure demand self-contained breathing apparatus (SCBA) or a full facepiece pressure demand supplied-air respirator (SAR) with escape provisions.

#### Hand protection:

Chemical resistant protective gloves, Protective glove selection must be based on the user's assessment of the workplace hazards.

#### Eye protection:

Safety glasses with side-shields. Tightly fitting safety goggles (chemical goggles). Wear face shield if splashing hazard exists.

#### Body protection:

Body protection must be chosen depending on activity and possible exposure, e.g. head protection, apron, protective boots, chemical-protection suit.

#### General safety and hygiene measures:

Handle in accordance with good industrial hygiene and safety practice. Wearing of closed work clothing is recommended. Store work clothing separately. Keep away from food, drink and animal feeding stuffs.

---

## 9. Physical and Chemical Properties

|                        |  |
|------------------------|--|
| Form:                  | liquid   |
| Odour:                 | mild   |
| Odour threshold:       | Not determined due to potential health hazard by inhalation.   |
| Colour:                | red  |
| pH value:              | approx. 7.5 - 8.5<br>( 20 °C)  |
| Melting temperature:   | approx. 0 °C<br>Information applies to the solvent.  |
| Freezing point:        | approx. 0 °C<br>Information applies to the solvent.  |
| Boiling point:         | approx. 100 °C<br>Information applies to the solvent.  |
| Flash point:           | > 93 °C  |
| Flammability:          | not applicable   |
| Lower explosion limit: | As a result of our experience with this product and our knowledge of its composition we do not expect any hazard as long as the product is used appropriately and in accordance with the intended use. |

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|   |  |
|---|--|
| Upper explosion limit:                              | As a result of our experience with this product and our knowledge of its composition we do not expect any hazard as long as the product is used appropriately and in accordance with the intended use. |
| Autoignition:                                       | Based on the water content the product does not ignite.  |
| Vapour pressure:                                    | approx. 23.4 hPa<br>( 20 °C)   |
| Density:  | Information applies to the solvent.<br>approx. 1.1 - 1.2 g/cm <sup>3</sup><br>( 20 °C)   |
| Relative density:                                   | No data available.   |
| Vapour density:                                     | not applicable   |
| Partitioning coefficient n-octanol/water (log Pow): | not applicable   |
| Thermal decomposition:                              | No decomposition if stored and handled as prescribed/indicated.  |
| Viscosity, dynamic:                                 | approx. 1 mPa.s<br>Information applies to the solvent.   |
| Solubility in water:                                | dispersible  |
| Evaporation rate:                                   | not applicable   |
| Other Information:                                  | If necessary, information on other physical and chemical parameters is indicated in this section.  |

## 10. Stability and Reactivity

### Reactivity

No hazardous reactions if stored and handled as prescribed/indicated.

### Oxidizing properties:

Based on its structural properties the product is not classified as oxidizing.

### Chemical stability

The product is stable if stored and handled as prescribed/indicated.

### Possibility of hazardous reactions

No hazardous reactions if stored and handled as prescribed/indicated.

### Conditions to avoid

See SDS section 7 - Handling and storage.

No conditions to avoid anticipated.

### Incompatible materials

strong acids, strong bases, strong oxidizing agents

### Hazardous decomposition products

#### Decomposition products:

Hazardous decomposition products: No hazardous decomposition products if stored and handled as prescribed/indicated.

#### Thermal decomposition:

No decomposition if stored and handled as prescribed/indicated.

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### 11. Toxicological information

#### Primary routes of exposure

Routes of entry for solids and liquids are ingestion and inhalation, but may include eye or skin contact. Routes of entry for gases include inhalation and eye contact. Skin contact may be a route of entry for liquefied gases.

#### Acute Toxicity/Effects

##### Acute toxicity

Assessment of acute toxicity: Virtually nontoxic after a single ingestion. Virtually nontoxic by inhalation. Virtually nontoxic after a single skin contact. The product has not been tested. The statement has been derived from the properties of the individual components.

##### Inhalation

Type of value: ATE  
Value: > 20 mg/l  
Determined for vapor

Type of value: ATE  
Value: > 5 mg/l  
Determined for mist

##### Dermal

Type of value: ATE  
Value: > 5,000 mg/kg

##### Assessment other acute effects

Assessment of STOT single:

Based on the available information there is no specific target organ toxicity to be expected after a single exposure.

The product has not been tested. The statement has been derived from the properties of the individual components.

##### Irritation / corrosion

Assessment of irritating effects: Not irritating to the skin. Not irritating to the eyes. The product has not been tested. The statement has been derived from the properties of the individual components.

##### Sensitization

Assessment of sensitization: There is no evidence of a skin-sensitizing potential. The product has not been tested. The statement has been derived from the properties of the individual components.

##### Aspiration Hazard

No aspiration hazard expected. The product has not been tested. The statement has been derived from the properties of the individual components.

#### Chronic Toxicity/Effects

##### Repeated dose toxicity

Assessment of repeated dose toxicity: The product has not been tested. The statement has been derived from the properties of the individual components. No substance-specific organotoxicity was observed after repeated administration to animals.

##### Genetic toxicity

Assessment of mutagenicity: The product has not been tested. The statement has been derived from the properties of the individual components. Mutagenicity tests revealed no genotoxic potential.



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### Carcinogenicity

Assessment of carcinogenicity: The product has not been tested. The statement has been derived from the properties of the individual components. The results of various animal studies gave no indication of a carcinogenic effect.

### Reproductive toxicity

Assessment of reproduction toxicity: The product has not been tested. The statement has been derived from the properties of the individual components. The results of animal studies gave no indication of a fertility impairing effect.

### Teratogenicity

Assessment of teratogenicity: The product has not been tested. The statement has been derived from the properties of the individual components. Animal studies gave no indication of a developmental toxic effect at doses that were not toxic to the parental animals.

### Other Information

Misuse can be harmful to health.

---

## 12. Ecological Information

### **Toxicity**

#### Aquatic toxicity

Assessment of aquatic toxicity:

Harmful to aquatic life.

The product has not been tested. The statement has been derived from the properties of the individual components.

#### Toxicity to fish

*Information on: Resin acids and Rosin acids, calcium salts*

*LC50 (96 h) 1 mg/l, Brachydanio rerio (OECD 203; ISO 7346; 84/449/EEC, C.1, static)*

*The product has low solubility in the test medium. An eluate has been tested. The details of the toxic effect relate to the nominal concentration.*

#### Aquatic invertebrates

*Information on: Resin acids and Rosin acids, calcium salts*

*EC50 (48 h) 1.6 mg/l, Daphnia magna (OECD Guideline 202, part 1, static)*

*The product has not been tested. The statement has been derived from substances/products of a similar structure or composition.*

#### Aquatic plants

*Information on: Resin acids and Rosin acids, calcium salts*

*EL50 (72 h) > 100 mg/l, Sclerodaphnia capricornutum (OECD Guideline 201, static)*

*The details of the toxic effect relate to the nominal concentration. The product has not been tested.*

*The statement has been derived from substances/products of a similar structure or composition.*

*EC50 (72 h) 39.6 mg/l (growth rate), Sclerodaphnia capricornutum (OECD Guideline 201, static)*

*The product has not been tested. The statement has been derived from substances/products of a similar structure or composition.*

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### Persistence and degradability

#### Assessment biodegradation and elimination (H<sub>2</sub>O)

The product has not been tested. The statement has been derived from the properties of the individual components.

#### Assessment biodegradation and elimination (H<sub>2</sub>O)

*Information on: Resin acids and Rosin acids, calcium salts*

*Readily biodegradable (according to OECD criteria).*

*Readily biodegradable (according to OECD criteria). The product has not been tested. The statement has been derived from substances/products of a similar structure or composition.*

### Bioaccumulative potential

#### Assessment bioaccumulation potential

The product has not been tested. The statement has been derived from the properties of the individual components.

#### Bioaccumulation potential

*Information on: Resin acids and Rosin acids, calcium salts*

*Bioconcentration factor: 23 - 129 (20 d), *Oncorhynchus mykiss* (measured)*

*The product has not been tested. The statement has been derived from substances/products of a similar structure or composition.*

### Mobility in soil

#### Assessment transport between environmental compartments

The product has not been tested. The statement has been derived from the properties of the individual components.

*Information on: Resin acids and Rosin acids, calcium salts*

*No data available.*

*Adsorption to solid soil phase is possible.*

### Additional information

Other ecotoxicological advice:

Do not discharge product into the environment without control.

---

## 13. Disposal considerations

#### **Waste disposal of substance:**

Must be disposed of or incinerated in accordance with local regulations.

#### **Container disposal:**

Contaminated packaging should be emptied as far as possible and disposed of in the same manner as the substance/product.

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### 14. Transport Information

**Land transport**  
USDOT

Not classified as a dangerous good under transport regulations

**Sea transport**  
IMDG

Not classified as a dangerous good under transport regulations

**Air transport**  
IATA/ICAO

Not classified as a dangerous good under transport regulations

### 15. Regulatory Information

#### Federal Regulations

**Registration status:**

Chemical TSCA, US released / listed

**EPCRA 311/312 (Hazard categories):** Refer to SDS section 2 for GHS hazard classes applicable for this product.

#### State regulations

**State RTK**

NJ

**CAS Number**

9007-13-0

**Chemical name**

Resin acids and Rosin acids, calcium salts

**NFPA Hazard codes:**

Health: 1

Fire: 1

Reactivity: 0

Special:

### 16. Other Information

**SDS Prepared by:**

BASF NA Product Regulations

SDS Prepared on: 2021/06/29

We support worldwide Responsible Care® initiatives. We value the health and safety of our employees, customers, suppliers and neighbors, and the protection of the environment. Our commitment to Responsible Care is integral to conducting our business and operating our facilities in a safe and environmentally responsible fashion, supporting our customers and suppliers in ensuring the safe and environmentally sound handling of our products, and minimizing the impact of our operations on society and the environment during production, storage, transport, use and disposal of our products.

# Safety Data Sheet

## Color Coat Red

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Version: 5.0

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(30587826/SDS\_GEN\_US/EN)

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END OF DATA SHEET