

SAFETY DATA SHEET



MON 8750 HERBICIDE

Version 2.0 / USA
102000039518

1/10
Revision Date: 02/26/2021
Print Date: 03/01/2021

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

Product identifier

Trade name MON 8750 HERBICIDE
Product code (UVP) 62287819
SDS Number 102000039518
EPA Registration No. 524-427

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

Use Herbicide
Restrictions on use For manufacturing use only

Information on supplier

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

Emergency telephone number

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.

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 |
|--------------------------|------------|---------------------------|
| Glyphosate ammonium salt | 40465-66-5 | 95.2 |
| Sodium sulphite | 7757-83-7 | 0.4 |

SAFETY DATA SHEET



MON 8750 HERBICIDE

Version 2.0 / USA
102000039518

2/10
Revision Date: 02/26/2021
Print Date: 03/01/2021

SECTION 4: FIRST AID MEASURES

Description of first aid measures

| | |
|-----------------------|---|
| General advice | When possible, have the product container or label with you when calling a poison control center or doctor or going for treatment. |
| Inhalation | 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. |
| Skin contact | Wash off immediately with plenty of water for at least 15 minutes. Take off contaminated clothing and shoes immediately. Call a physician or poison control center immediately. |
| Eye contact | 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. |
| Ingestion | 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., A very small percentage of particularly sensitive people may suffer skin or respiratory reactions., Hypersensitivity to sulphiting agents. |
|-----------------|--|

Indication of any immediate medical attention and special treatment needed

| | |
|------------------|---|
| Risks | This product is not a cholinesterase inhibitor. |
| Treatment | Treatment with atropine and oximes is not indicated. Appropriate supportive and symptomatic treatment as indicated by the patient's condition is recommended. |

SECTION 5: FIREFIGHTING MEASURES

Extinguishing media

| | |
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| Suitable | Use water spray, alcohol-resistant foam, dry chemical or carbon dioxide. |
| Unsuitable | High volume water jet |

SAFETY DATA SHEET



MON 8750 HERBICIDE

Version 2.0 / USA
102000039518

3/10
Revision Date: 02/26/2021
Print Date: 03/01/2021

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| Special hazards arising from the substance or mixture | In the event of fire the following may be released: Carbon monoxide (CO), Carbon dioxide (CO ₂), Nitrogen oxides (NO _x), Oxides of phosphorus |
| Advice for firefighters | |
| Special protective equipment for firefighters | In the event of fire and/or explosion do not breathe fumes. Firefighters should wear NIOSH approved self-contained breathing apparatus and full protective clothing. Equipment should be thoroughly decontaminated after use. |
| 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 | does not flash |
| Auto-ignition temperature | No data available |
| Lower explosion limit | Not applicable |
| Upper explosion limit | Not applicable |
| Explosivity | Not explosive |

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 Sweep up or vacuum up spillage and collect in suitable container for disposal. Collect and transfer the product into a properly labelled and tightly closed container. Keep in suitable, closed containers for disposal. 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. Do not allow product to contact non-target plants.

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.

SECTION 7: HANDLING AND STORAGE

Precautions for safe handling

Advice on safe handling Avoid contact with skin, eyes and clothing. Ensure adequate ventilation.

SAFETY DATA SHEET



MON 8750 HERBICIDE

Version 2.0 / USA
102000039518

4/10
Revision Date: 02/26/2021
Print Date: 03/01/2021

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. Keep working clothes separately. Garments that cannot be cleaned must be destroyed (burnt).

Conditions for safe storage, including any incompatibilities

Requirements for storage areas and containers Store in original container. 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 a place accessible by authorized persons only. Reacts with galvanised steel or unlined mild steel to produce hydrogen, a highly flammable gas that could explode.

Advice on common storage Keep away from food, drink and animal feedingstuffs.

SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION

Control parameters

No known occupational limit values.

Exposure controls

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 Please observe the instructions regarding permeability and breakthrough time which are provided by the supplier of the gloves. Also take into consideration the specific local conditions under which the product is used, such as the danger of cuts, abrasion, and the contact time.
Chemical-resistant gloves (barrier laminate, butyl rubber, nitrile rubber or Viton)
Wash gloves when contaminated. Dispose of when contaminated inside, when perforated or when contamination on the outside cannot be removed. Wash hands frequently and always before eating, drinking, smoking or using the toilet.

Eye protection Use tightly sealed goggles and face protection.

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.

SAFETY DATA SHEET



MON 8750 HERBICIDE

Version 2.0 / USA
102000039518

5/10

Revision Date: 02/26/2021
Print Date: 03/01/2021

SECTION 9. PHYSICAL AND CHEMICAL PROPERTIES

Information on basic physical and chemical properties

| | |
|---|---|
| Form | granular, free from foreign matter, Free-flowing, free of lumps |
| Colour | white |
| Odour | odourless |
| Odour Threshold | No data available |
| pH | 3.6 - 4.1 (1.2 %) (23 °C) (deionized water) |
| Melting point/freezing point | > 190 °C |
| Boiling Point | Not applicable |
| Flash point | does not flash |
| Flammability | No data available |
| Auto-ignition temperature | No data available |
| Minimum ignition energy | No data available |
| Self-accelarating decomposition temperature (SADT) | No data available |
| Upper explosion limit | Not applicable |
| Lower explosion limit | Not applicable |
| Vapour pressure | 0.000009 PA (25 °C) |
| Evaporation rate | Not applicable |
| Relative vapour density | No data available |
| Relative density | No data available |
| Density | No data available |
| Water solubility | 144 g/l soluble in cold water |
| Partition coefficient: n-octanol/water | Glyphosate: log Pow: -3.2 |
| Viscosity, dynamic | No data available |
| Viscosity, kinematic | No data available |
| Oxidizing properties | No oxidizing properties |
| Explosivity | Not explosive |
| Other information | Further safety related physical-chemical data are not known. |

SAFETY DATA SHEET



MON 8750 HERBICIDE

Version 2.0 / USA
102000039518

6/10
Revision Date: 02/26/2021
Print Date: 03/01/2021

SECTION 10: STABILITY AND REACTIVITY

Reactivity

| | |
|---|--|
| Thermal decomposition | Stable under normal conditions. |
| Chemical stability | Stable under recommended storage conditions. |
| Possibility of hazardous reactions | Reacts with galvanised steel or unlined mild steel to produce hydrogen, a highly flammable gas that could explode. |
| Conditions to avoid | Extremes of temperature and direct sunlight. |
| Incompatible materials | Galvanised steel, Unlined mild steel |
| Hazardous decomposition products | No decomposition products expected under normal conditions of use. |

SECTION 11: TOXICOLOGICAL INFORMATION

| | |
|---|--|
| Exposure routes | Skin contact, Eye contact, Ingestion, Inhalation |
| Immediate Effects | |
| Eye | May cause eye irritation. |
| Skin | Not expected to produce significant adverse effects when recommended use instructions are followed. |
| Ingestion | Not expected to produce significant adverse effects when recommended use instructions are followed. |
| Inhalation | Not expected to produce significant adverse effects when recommended use instructions are followed. |
| Information on toxicological effects | |
| Acute oral toxicity | LD50 (Rat) 4,613 mg/kg |
| Acute inhalation toxicity | LC50 (Rat) Exposure time: 4 h No deaths Determined in the form of dust. It did not produce an exact LC50 as no animal died after exposure for 4 hours of exposure to the highest technically achievable concentration. |
| Acute dermal toxicity | LD50 (Rabbit) > 5,000 mg/kg |
| Skin corrosion/irritation | No skin irritation (Rabbit) |
| Serious eye damage/eye irritation | Slight irritant effect - does not require labelling. (Rabbit) |
| Respiratory or skin sensitisation | Skin: Non-sensitizing. (Guinea pig) OECD Test Guideline 406, Buehler test |

SAFETY DATA SHEET



MON 8750 HERBICIDE

Version 2.0 / USA
102000039518

7/10

Revision Date: 02/26/2021
Print Date: 03/01/2021

Assessment STOT Specific target organ toxicity – single exposure

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

Assessment STOT Specific target organ toxicity – repeated exposure

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

Assessment mutagenicity

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

Assessment carcinogenicity

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

Important comment to IARC Listing: Our expert opinion is that classification as a carcinogen is not warranted.

ACGIH

None.

NTP

None.

IARC

Glyphosate ammonium salt
Sodium sulphite

40465-66-5
7757-83-7

Overall evaluation: 2A
Overall evaluation: 3

OSHA

None.

Assessment toxicity to reproduction

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

Assessment developmental toxicity

Glyphosate did not cause developmental toxicity in rats and rabbits.

Aspiration hazard

No data available

Further information

Irritating to eyes, respiratory system and skin.

SECTION 12: ECOLOGICAL INFORMATION

Toxicity to fish

LC50 (Lepomis macrochirus (Bluegill sunfish)) 120 mg/l
static test; Exposure time: 96 h
The value mentioned relates to the active ingredient glyphosate.

LC50 (Oncorhynchus mykiss (rainbow trout)) 86 mg/l
static test; Exposure time: 96 h
The value mentioned relates to the active ingredient glyphosate.

SAFETY DATA SHEET



MON 8750 HERBICIDE

Version 2.0 / USA
102000039518

8/10
Revision Date: 02/26/2021
Print Date: 03/01/2021

| | |
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| Toxicity to aquatic invertebrates | EC50 (Daphnia magna (Water flea)) 780 mg/l static test; Exposure time: 48 h The value mentioned relates to the active ingredient glyphosate. |
| Toxicity to aquatic plants | EbC50 (Raphidocelis subcapitata (freshwater green alga)) 17 mg/l Biomass; Exposure time: 96 h The value mentioned relates to the active ingredient glyphosate. EbC50 (Skeletonema costatum) 11 mg/l Biomass; Exposure time: 96 h The value mentioned relates to the active ingredient glyphosate. EC50 (Lemna gibba (gibbous duckweed)) 25.5 mg/l static test; Exposure time: 14 d The value mentioned relates to the active ingredient glyphosate. |
| Biodegradability | Glyphosate: Not rapidly biodegradable |
| Bioaccumulation | Glyphosate: Bioconcentration factor (BCF) 0.5 Does not bioaccumulate. |
| Mobility in soil | Glyphosate: Slightly mobile in soils |
| Results of PBT and vPvB assessment | |
| PBT and vPvB assessment | Glyphosate: 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). |
| Environmental precautions | 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. |

SECTION 13: DISPOSAL CONSIDERATIONS

Waste treatment methods

| | |
|-------------------------------|--|
| Product | It is best to use all of the product in accordance with label directions. If it is necessary to dispose of unused product, please follow container label instructions and applicable local guidelines. Do not contaminate water, food, or feed by disposal. Follow all local/regional/national/international regulations. |
| Contaminated packaging | Follow advice on product label and/or leaflet. Do not re-use empty containers. Triple rinse containers. Puncture container to avoid re-use. Completely empty container into application equipment, then dispose of empty container in a sanitary landfill, by incineration or by other procedures approved by state/provincial and local authorities. If burned, stay out of smoke. |

SAFETY DATA SHEET



MON 8750 HERBICIDE

Version 2.0 / USA
102000039518

9/10
Revision Date: 02/26/2021
Print Date: 03/01/2021

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

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

SECTION 15: REGULATORY INFORMATION

EPA Registration No. 524-427

US Federal Regulations

TSCA list

Not applicable.

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

None.

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

SAFETY DATA SHEET



MON 8750 HERBICIDE

Version 2.0 / USA
102000039518

10/10

Revision Date: 02/26/2021
Print Date: 03/01/2021

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: May cause eye irritation.
Harmful if swallowed.
Harmful if inhaled.

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 - 1 Instability - 1 Others - none

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

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

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

Reason for Revision: New Safety Data Sheet.

Revision Date: 02/26/2021

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