



Imidacloprid 75 WSP Select

Safety Data Sheet

According to 29CFR 1910.1200 OSHA Hazard Communication Standard (HCS 2024) and the Hazardous Products Regulation (WHMIS 2015 rev 2022)
Issue date: 9/5/2025 Revision date: 9/5/2025

SECTION 1 Identification

1.1. Product identifier

Product form : Mixture
Product name : Imidacloprid 75 WSP Select
Product code : 1000209,1000210

1.2. Other means of identification

Registration Number: 89442-11

1.3. Recommended use of the chemical and restrictions on use

Recommended use : Insecticide, Read and understand the entire label before using. Use only according to label directions. It is a violation of Federal Law to use this product in a manner inconsistent with its labeling.
Restrictions on use : All other uses not indicated.

1.4. Supplier's details

Albaugh, LLC
1525 NE 36th Street
Ankeny, IA 50021
T (515) 965-5240

1.5. Emergency phone number

Emergency number : For MEDICAL EMERGENCY (US or CANADA) 1-888-347-6732.
For CHEMICAL LEAK, SPILL, FIRE, or EXPOSURE Call 1-800-424-9300, Outside USA and Canada: +1 703-741-5970 (collect call).

SECTION 2 Hazard Identification

2.1. Classification of the substance or mixture

GHS US classification

Hazardous to the aquatic environment — Acute Hazard, Category 1	H400	Very toxic to aquatic life.
Hazardous to the aquatic environment — Chronic Hazard, Category 1	H410	Very toxic to aquatic life with long lasting effects.

Full text of H statements : see section 16

2.2. Label elements

GHS US labeling

No labeling applicable

2.3. Hazards associated with known or reasonably anticipated uses

None known

2.4. Hazards not otherwise classified

Other hazards which do not result in classification : None known.

2.5. Unknown acute toxicity

No additional information available

Imidacloprid 75 WSP Select

Safety Data Sheet

According to 29CFR 1910.1200 OSHA Hazard Communication Standard (HCS 2024) and the Hazardous Products Regulation (WHMIS 2015 rev 2022)

SECTION 3 Composition/information on ingredients

3.1. Substances

Not applicable

3.2. Mixtures

Name	Product identifier	%
Imidacloprid	CAS-No.: 138261-41-3	72.75 – 78.83
Silicon dioxide	CAS-No.: 112926-00-8	7.6 – 8.4
Calcium Carbonate	CAS-No.: 471-34-1	3.67 – 4.05

Full text of hazard classes and H-statements : see section 16

SECTION 4 First aid measures

4.1. Description of necessary first-aid measures

First-aid measures after inhalation	: Move the affected person to fresh air. If not breathing, give artificial respiration. If experiencing respiratory symptoms: Call a poison center or a doctor.
First-aid measures after skin contact	: Take off contaminated clothing. Rinse skin immediately with plenty of water for 15-20 minutes. Call a poison center or a doctor if you feel unwell.
First-aid measures after eye contact	: Hold eye open and rinse slowly and gently with water for 15-20 minutes. Remove contact lenses, if present and easy to do. Continue rinsing. If symptoms persist call a doctor.
First-aid measures after ingestion	: Immediately call a poison center or doctor/physician. If swallowed, rinse mouth with water (only if the person is conscious). Never give anything by mouth to an unconscious person. Do NOT induce vomiting unless directed to do so by medical personnel.

4.2. Most important symptoms/effects, acute and delayed

Inhalation	: May cause minor irritation to the respiratory tract and to other mucous membranes.
Skin	: May cause slight irritation to the skin.
Eyes	: May cause slight irritation.
Ingestion	: Harmful if swallowed.

4.3. Indication of immediate medical attention and special treatment needed, if necessary

Other medical advice or treatment	: If necessary seek medical advice.
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SECTION 5: Fire-fighting measures

5.1. Suitable (and unsuitable) extinguishing media

Suitable extinguishing media	: Use extinguishing media appropriate for surrounding fire.
Unsuitable extinguishing media	: None.

5.2. Specific hazards arising from the chemical

Fire hazard	: The product is not flammable.
Hazardous decomposition products in case of fire	: None known.

5.3. Special protective equipment and precautions for fire-fighters

Firefighting instructions	: Do not attempt to take action without suitable protective equipment.
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Imidacloprid 75 WSP Select

Safety Data Sheet

According to 29CFR 1910.1200 OSHA Hazard Communication Standard (HCS 2024) and the Hazardous Products Regulation (WHMIS 2015 rev 2022)

SECTION 6 Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures

General measures : Avoid contact with skin, eyes and clothing. Do not breathe dust. Do not touch or walk on the spilled product.

For non-emergency personnel

Emergency procedures : Keep unnecessary and unprotected personnel away from the spillage.

For emergency responders

Protective equipment : Use personal protective equipment as required. For further information refer to section 8: "Exposure controls/personal protection".

6.2. Methods and materials for containment and cleaning up

For containment : Prevent dispersion by moistening spill with water or foam.

Methods for cleaning up : Carefully shovel or sweep up spilled material and place in suitable container.

For further information refer to section 8: "Exposure controls/personal protection"

SECTION 7 Handling and storage

7.1. Precautions for safe handling

Precautions for safe handling : Always wash hands after handling the product. Avoid contact with eyes, skin and clothing. Wash contaminated clothing before reuse. Refer to product label for additional information on use and handling.

7.2. Conditions for safe storage, including incompatibilities

Storage conditions : Keep out of the reach of children. Store in dry, cool, well-ventilated area. Do not contaminate water, food, or feed by storage or disposal. Keep in original containers. When not in use, keep containers tightly closed.

SECTION 8 Exposure controls/personal protection

8.1. Control parameters

Imidacloprid (138261-41-3)	
USA - ACGIH - Occupational Exposure Limits	
Local name	Imidacloprid
ACGIH® TLV® TWA	0.005 mg/m ³ (I - Inhalable particulate matter)
Remark (ACGIH)	TLV® Basis: Male repro system dam; Body weight; Repro eff; Neurodevelopmental impair. Notations: A4 (Not classifiable as a Human Carcinogen)
Regulatory reference	ACGIH 2025
Silicon dioxide (112926-00-8)	
USA - OSHA - Occupational Exposure Limits	
Local name	Silica, amorphous, precipitated and gel
OSHA PEL (TWA)	20 mppcf

Imidacloprid 75 WSP Select

Safety Data Sheet

According to 29CFR 1910.1200 OSHA Hazard Communication Standard (HCS 2024) and the Hazardous Products Regulation (WHMIS 2015 rev 2022)

Silicon dioxide (112926-00-8)	
Remark (OSHA)	Table Z-3. For OSHA PEL (TWA): Use formula: $(80 \text{ mg/m}^3 / (\% \text{SiO}_2))$ for mg/m ³ . CAS No. source: eCFR Table Z-1.
Regulatory reference (US-OSHA)	OSHA Annotated Table Z-3 Mineral Dusts
USA - NIOSH - Occupational Exposure Limits	
Local name	Silica, amorphous, precipitated and gel
NIOSH REL 10h TWA	6 mg/m ³
Regulatory reference (US-NIOSH)	OSHA Annotated Table Z-3 Mineral Dusts (NIOSH Pocket Guide to Chemical Hazards (NPG))
Calcium Carbonate (471-34-1)	
USA - OSHA - Occupational Exposure Limits	
Local name	Calcium Carbonate (Limestone; Marble)
OSHA PEL (TWA)	15 mg/m ³ (Total dust) 5 mg/m ³ (Respirable fraction)
Regulatory reference (US-OSHA)	OSHA Annotated Table Z-1

8.2. Appropriate engineering controls

Appropriate engineering controls : Ensure adequate ventilation.

8.3. Individual protection measures, such as personal protective equipment

Materials for protective clothing:
Wear suitable protective clothing
Hand protection:
Chemically resistant gloves, made of barrier laminate, butyl rubber ≥14mils, nitrile rubber ≥14 mils, neoprene rubber ≥14 mils, polyvinyl chloride (PVC) ≥14 mils, or viton ≥14 mils
Eye protection:
Use suitable eye protection
Skin and body protection:
To avoid contact with skin, wear long pants, long-sleeved shirt and shoes plus socks.
Respiratory protection:
In operations where exposure limits are exceeded or exposure levels are excessive, an approved respirator should be used. Respirator selection and use should be based on contaminant type, form and concentration. Follow applicable regulations and good Industrial Hygiene practice.

SECTION 9 Physical and chemical properties

9.1. Basic physical and chemical properties

Physical state	: Solid
Appearance	: Powder.
Color	: Light brown
Odor	: None
Odor threshold	: No data available
pH	: 6 – 7
Melting point	: 144 °C
Freezing point	: No data available

Imidacloprid 75 WSP Select

Safety Data Sheet

According to 29CFR 1910.1200 OSHA Hazard Communication Standard (HCS 2024) and the Hazardous Products Regulation (WHMIS 2015 rev 2022)

Boiling point	: No data available
Flash point	: No data available
Flammability (solid, gas)	: No data available
Vapor pressure	: No data available
Relative vapor density at 20°C	: No data available
Relative density	: No data available
Density	: 480 kg/m ³
Solubility	: No data available
Partition coefficient n-octanol/water (Log Pow)	: No data available
Auto-ignition temperature	: No data available
Decomposition temperature	: No data available
Viscosity, kinematic	: 4041.667 mm ² /s
Viscosity, dynamic	: 1940 mPa·s
Explosion limits	: No data available
Particle characteristics	: Particle characteristics : Not applicable

9.2. Data relevant with regard to physical hazard classes (supplemental)

No additional information available

SECTION 10 Stability and reactivity

10.1. Reactivity

No dangerous reactions known under normal conditions of use.

10.2. Chemical stability

Stable under normal conditions.

10.3. Possibility of hazardous reactions

None known.

10.4. Conditions to avoid

None known.

10.5. Incompatible materials

Keep away from oxidizers, strong acids and strong bases.

10.6. Hazardous decomposition products

Under normal conditions of storage and use, hazardous decomposition products should not be produced.

SECTION 11 Toxicological information

11.1. Information on toxicological effects

Acute toxicity (oral)	: Not classified
Acute toxicity (dermal)	: Not classified
Acute toxicity (inhalation)	: Not classified

Imidacloprid 75 WSP Select	
LD50 oral rat	> 2591 mg/kg
LD50 dermal rat	> 2000 mg/kg
LC50 Inhalation - Rat	> 2.65 mg/l/4h

Imidacloprid 75 WSP Select

Safety Data Sheet

According to 29CFR 1910.1200 OSHA Hazard Communication Standard (HCS 2024) and the Hazardous Products Regulation (WHMIS 2015 rev 2022)

Imidacloprid (138261-41-3)	
LD50 oral rat	410 mg/kg
LD50 oral	379 mg/kg
LD50 dermal rat	> 5000 mg/kg
LD50 dermal	5000 mg/kg
LC50 Inhalation - Rat (Dust/Mist)	> 0.069 mg/l/4h No mortality at the highest concentration achievable.
Silicon dioxide (112926-00-8)	
LD50 oral rat	> 3300 mg/kg Source: ECHA
LD50 oral	5110 mg/kg
LD50 dermal rat	> 5000 mg/kg Source: ECHA
LD50 dermal	5000 mg/kg
LC50 Inhalation - Rat	> 5000 mg/kg
Calcium Carbonate (471-34-1)	
LD50 oral rat	> 2000 mg/kg
LD50 dermal rat	> 2000 mg/kg
LC50 Inhalation - Rat	> 3 mg/l/4h
Skin corrosion/irritation	: Not classified pH: 6 – 7
Silicon dioxide (112926-00-8)	
pH	7 Source: GESTIS
Serious eye damage/irritation	: Not classified pH: 6 – 7
Silicon dioxide (112926-00-8)	
pH	7 Source: GESTIS
Respiratory or skin sensitization	: Not classified
Germ cell mutagenicity	: Not classified
Carcinogenicity	: Not classified
Silicon dioxide (112926-00-8)	
IARC group	3 - Not classifiable
Reproductive toxicity	: Not classified
STOT-single exposure	: Not classified
STOT-repeated exposure	: Not classified
Imidacloprid (138261-41-3)	
LOAEC (inhalation, rat, dust/mist/fume, 90 days)	0.0305 mg/l air Animal: rat, Guideline: OECD Guideline 412 (28-Day (Subacute) Inhalation Toxicity Study, Guideline: OECD Guideline 412 (28-Day (Subacute) Inhalation Toxicity Study, Guideline: EU Method B.8 (Subacute Inhalation Toxicity: 28-Day Study)
NOAEL (dermal,rat/rabbit,90 days)	1000 mg/kg body weight Animal: rabbit, Guideline: OECD Guideline 410 (Repeated Dose Dermal Toxicity: 21/28-Day Study), Guideline: EPA OPP 82-2 (Repeated Dose Dermal Toxicity -21/28 Days)

Imidacloprid 75 WSP Select

Safety Data Sheet

According to 29CFR 1910.1200 OSHA Hazard Communication Standard (HCS 2024) and the Hazardous Products Regulation (WHMIS 2015 rev 2022)

Imidacloprid (138261-41-3)	
NOAEC (inhalation, rat, dust/mist/fume, 90 days)	0.0055 mg/l air Animal: rat, Guideline: OECD Guideline 412 (28-Day (Subacute) Inhalation Toxicity Study, Guideline: OECD Guideline 412 (28-Day (Subacute) Inhalation Toxicity Study, Guideline: EU Method B.8 (Subacute Inhalation Toxicity: 28-Day Study)
Calcium Carbonate (471-34-1)	
NOAEL (oral, rat, 90 days)	1000 mg/kg body weight Animal: rat, Guideline: OECD Guideline 422 (Combined Repeated Dose Toxicity Study with the Reproduction / Developmental Toxicity Screening Test)

Aspiration hazard : Not classified

Imidacloprid 75 WSP Select	
Viscosity, kinematic	4041.667 mm ² /s
Inhalation	: May cause minor irritation to the respiratory tract and to other mucous membranes.
Skin	: May cause slight irritation to the skin.
Eyes	: May cause slight irritation.
Ingestion	: Harmful if swallowed.

SECTION 12 Ecological information

12.1. Ecotoxicity

Ecology - general : toxic for aquatic organisms, may have longterm hazardous effects in aquatic environment.
Hazardous to the aquatic environment, short-term (acute) : Very toxic to aquatic life.
Hazardous to the aquatic environment, long-term (chronic) : Very toxic to aquatic life with long lasting effects.

Imidacloprid (138261-41-3)	
LC50 - Fish [1]	161 mg/l
EC50 - Crustacea [1]	2.7 µg/l
EC50 72h - Algae [1]	> 100 mg/l Test organisms (species): Raphidocelis subcapitata (previous names: Pseudokirchneriella subcapitata, Selenastrum capricornutum)
NOEC (chronic)	1.8 mg/l Test organisms (species): Daphnia magna Duration: '21 d'
NOEC chronic fish	9.02 mg/l
NOEC chronic crustacea	56 ng/l
NOEC chronic algae	100 mg/l

Silicon dioxide (112926-00-8)	
LC50 - Fish [1]	10000 mg/l Source: ECHA

Calcium Carbonate (471-34-1)	
LC50 - Fish [1]	> 100 mg/l
EC50 - Crustacea [1]	> 100 mg/l
EC50 72h - Algae [1]	> 14 mg/l Test organisms (species): Desmodesmus subspicatus (previous name: Scenedesmus subspicatus)

12.2. Persistence and degradability

Imidacloprid 75 WSP Select	
Persistence and degradability	No additional information available.

Imidacloprid 75 WSP Select

Safety Data Sheet

According to 29CFR 1910.1200 OSHA Hazard Communication Standard (HCS 2024) and the Hazardous Products Regulation (WHMIS 2015 rev 2022)

Imidacloprid (138261-41-3)	
Persistence and degradability	No additional information available.
Silicon dioxide (112926-00-8)	
Persistence and degradability	Not rapidly degradable
Calcium Carbonate (471-34-1)	
Persistence and degradability	Biodegradation is not applicable to inorganic compounds.

12.3. Bioaccumulative potential

Imidacloprid (138261-41-3)	
Partition coefficient n-octanol/water (Log Pow)	0.57 Source: NLM
Partition coefficient n-octanol/water (Log Kow)	≤ 3

12.4. Mobility in soil

No additional information available

12.5. Other adverse effects

Ozone : Not classified
Fluorinated greenhouse gases : No

SECTION 13 Disposal considerations

Regional waste regulation : Dispose of in accordance with applicable federal, state, and local regulations.
Product/Packaging disposal recommendations : DO NOT contaminate water, food or feed by storage or disposal. Dispose of excess waste or pesticide by use according to label directions or contact your State Pesticide or Environmental Control Agency, or the Hazardous Waste representative of the nearest EPA Regional Office for guidance.
Additional information : Pesticide Disposal: Pesticide wastes are toxic. Improper disposal of excess pesticide, or rinsate is a violation of Federal law. If these wastes cannot be disposed of by use according to label instructions, contact your State Pesticide or Environmental Control Agency, or the Hazardous Waste representative at the nearest EPA Regional Office for guidance. CONTAINER DISPOSAL: Non-refillable container. DO NOT reuse or refill this container. Completely empty liner by shaking and tapping sides and bottom to loosen clinging particles. Empty residue into formulation equipment. Then dispose of liner in a sanitary landfill or by incineration if allowed by State and local authorities. If burned, stay out of smoke. If drum or other outer container is contaminated and cannot be reused, dispose of in the same manner.

SECTION 14 Transport information

In accordance with DOT / TDG / IMDG / IATA

DOT: Not regulated when shipped domestically by highway in non-buk containers as per 49 CFR 171.4. Shipment by ground is non-regulated; however it may be shipped per the applicable hazard classification to facilitate multi-modal transport involving ICAO (IATA) or IMO.

UN/ID no.: UN3077

Proper shipping name: Environmentally hazardous substance, solid, n.o.s (Imidacloprid)

Hazard class: 9

Packing group: PG III

IMDG - Marine Pollutant IMDG - Marine Pollutant.

TDG: When shipped in Canada domestic highway non-bulk this product can be shipped as Not regulated as per TDG 1.45.1

UN/ID no.: UN3077

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Safety Data Sheet

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Proper shipping name: Environmentally hazardous substance, solid, n.o.s (Imidacloprid)

Hazard class: 9

Packing group: PG III

Marine Pollutant: Yes

ICAO

UN/ID no. UN3077

Proper shipping name Environmentally hazardous substance, solid, n.o.s (Imidacloprid)

Hazard class 9

Packing group PG III

Description IMDG - Marine Pollutant

IATA

UN/ID no. UN3077

Proper shipping name Environmentally hazardous substance, solid, n.o.s (Imidacloprid)

Hazard class 9

Packing group PG III

Description IMDG - Marine Pollutant

IMDG

UN/ID no. UN3077

Proper shipping name Environmentally hazardous substance, solid, n.o.s (Imidacloprid)

Hazard class 9

Packing group PG III

Environmental hazards IMDG - Marine Pollutant

SECTION 15 Regulatory information

15.1. Federal regulations

All components of this product are present and listed as Active on the United States Environmental Protection Agency Toxic Substances Control Act (TSCA) inventory, except for:

Imidacloprid	CAS-No. 138261-41-3	72.75 – 78.83%
Silicon dioxide	CAS-No. 112926-00-8	7.6 – 8.4%

This product or mixture is not known to contain a toxic chemical or chemicals in excess of the applicable de minimis concentration as specified in 40 CFR §372.38(a) subject to the reporting requirements of section 313 of Title III of the Superfund Amendments and Reauthorization Act of 1986 and 40 CFR Part 372.

FIFRA Labelling

EPA Registration Number	89442-11
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 as required on the pesticide label.	
FIFRA Signal Word	Caution
FIFRA Precautionary Statement	Keep out of reach of children. Hazards to Humans and Domestic Animals.
FIFRA Human Health Hazards	Harmful if swallowed. Harmful if absorbed through skin. Causes moderate eye irritation.

Imidacloprid 75 WSP Select

Safety Data Sheet

According to 29CFR 1910.1200 OSHA Hazard Communication Standard (HCS 2024) and the Hazardous Products Regulation (WHMIS 2015 rev 2022)

FIFRA Labelling

FIFRA Environmental Hazards

This product is highly toxic to aquatic invertebrates. Do not apply directly to water, or to areas where surface water is present or to intertidal areas below the mean high water mark. Do not contaminate water when disposing of equipment washwaters.

This product is highly toxic to bees exposed to direct treatment or residues on blooming crops, plants or weeds. Do not apply this product or allow it to drift to blooming crops, plants or weeds if bees are foraging the treatment area.

This chemical demonstrates the properties and characteristics associated with chemicals detected in groundwater. The use of this chemical in areas where soils are permeable, particularly where the water table is shallow, may result in groundwater contamination.

15.2. International regulations

CANADA

Silicon dioxide (112926-00-8)

Listed on the Canadian DSL (Domestic Substances List)

Calcium Carbonate (471-34-1)

Listed on the Canadian DSL (Domestic Substances List)

EU-Regulations

No additional information available

National regulations

Silicon dioxide (112926-00-8)

Listed on INSQ (Mexican National Inventory of Chemical Substances)

15.3. State regulations

California Proposition 65 - This product does not contain any substances known to the state of California to cause cancer, developmental and/or reproductive harm

Component	State or local regulations
Silicon dioxide(112926-00-8)	U.S. - New Jersey - Right to Know Hazardous Substance List

SECTION 16 Other information

According to 29CFR 1910.1200 OSHA Hazard Communication Standard (HCS 2024) and the Hazardous Products Regulation (WHMIS 2015 rev 2022)

Revision date : 9/5/2025

Issue date : 9/5/2025

Full text of hazard classes and H-statements

H400	Very toxic to aquatic life
H410	Very toxic to aquatic life with long lasting effects

Safety Data Sheet (SDS), USA

This information is based on our current knowledge and is intended to describe the product for the purposes of health, safety and environmental requirements only. It should not therefore be construed as guaranteeing any specific property of the product.