

# **SAFETY DATA SHEET**

This safety data sheet was created pursuant to the requirements of: US - OSHA Hazard Communication Standard (29 CFR 1910.1200)

Issuing Date 26-Aug-2022 Revision Date 23-Apr-2024 Revision Number 2

## 1. Identification

**Product identifier** 

Product Name Willowood Lambda-Cy 1 EC

Other means of identification

**EPA Reg. No.** 87290-24

UN/ID no UN3352

Synonyms None

Recommended use of the chemical and restrictions on use

Recommended use Insecticide

**Restrictions on use**Use only as directed on product label

For professional use only

Details of the supplier of the safety data sheet

**Supplier Address** 

Generic Crop Science, LLC 1887 Whitney Mesa Drive #9740 Henderson, NV 89014-2069 1-844-200-FARM (3276)

**E-mail** regulatory@farmersbusinessnetwork.com

Emergency telephone number For Emergency Medical Assistance (Human or Animal) contact Rocky Mountain

Poison Control at 866-767-5040.

For Chemical Emergency Assistance (Spill, Leak, Fire or Accident) contact CHEMTREC at 800-424-9300 (North America) or 703-527-3887 (International).

# 2. Hazard(s) identification

### Classification

This chemical is considered hazardous by the 2012 OSHA Hazard Communication Standard (29 CFR 1910.1200).

| Acute toxicity - Oral                     | Category 3  |
|---|-------------|
| Acute toxicity - Dermal                   | Category 4  |
| Acute toxicity - Inhalation (Dusts/Mists) | Category 2  |
| Carcinogenicity                           | Category 1B |
| Aspiration hazard                         | Category 1  |
| Flammable liquids                         | Category 4  |

### Hazards not otherwise classified (HNOC)

Not applicable.

#### Label elements

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### **Danger**

### **Hazard statements**

Combustible liquid.

Toxic if swallowed.

Harmful in contact with skin.

Fatal if inhaled.

May cause cancer.

May be fatal if swallowed and enters airways.



### **Precautionary Statements - Prevention**

Obtain special instructions before use.

Do not handle until all safety precautions have been read and understood.

Wear protective gloves/clothing and eye/face protection.

Wash face, hands and any exposed skin thoroughly after handling.

Do not eat, drink or smoke when using this product.

Do not breathe dust/fume/gas/mist/vapors/spray.

Use only outdoors or in a well-ventilated area.

Wear respiratory protection.

Keep away from flames and hot surfaces. - No smoking.

Keep cool.

### **Precautionary Statements - Response**

IF exposed or concerned: Get medical advice/attention.

IF ON SKIN: Wash with plenty of water and soap.

Call a doctor if you feel unwell.

Take off contaminated clothing and wash it before reuse.

IF INHALED: Remove person to fresh air and keep comfortable for breathing.

Immediately call a doctor.

IF SWALLOWED: Immediately call a doctor.

Do NOT induce vomiting.

Rinse mouth.

In case of fire: Use dry chemical, CO2, water spray or regular foam to extinguish.

### **Precautionary Statements - Storage**

Store locked up.

Store in a well-ventilated place. Keep container tightly closed.

# **Precautionary Statements - Disposal**

Dispose of contents/container to an approved waste disposal plant.

# Other information

Causes mild skin irritation. Toxic to aquatic life with long lasting effects. Toxic to aquatic life.

### Unknown acute toxicity

26.2 % of the mixture consists of ingredient(s) of unknown acute oral toxicity

26.2 % of the mixture consists of ingredient(s) of unknown acute dermal toxicity

26.2 % of the mixture consists of ingredient(s) of unknown acute inhalation toxicity (dust/mist)

# 3. Composition/information on ingredients

### Substance

Not applicable.

### Mixture

| Chemical name                               | CAS No     | Weight-% | Trade secret |
|---|------------|----------|--------------|
| Solvent Naphtha (Petroleum), Heavy Aromatic | 64742-94-5 | 25 - 50  | *            |
| Lambda-Cyhalothrin                          | 91465-08-6 | 10 - 20  | *            |
| Naphthalene                                 | 91-20-3    | 3 - 5    | *            |
| 1,2,4 Trimethylbenzene                      | 95-63-6    | 3 - 5    | *            |

<sup>\*</sup>The exact percentage (concentration) of composition has been withheld as a trade secret.

# 4. First-aid measures

### Description of first aid measures

General advice Show this safety data sheet to the doctor in attendance. Immediate medical attention is

required. IF exposed or concerned: Get medical advice/attention.

**Inhalation** If breathing has stopped, give artificial respiration. Get medical attention immediately.

Remove to fresh air. Do not use mouth-to-mouth method if victim ingested or inhaled the substance; give artificial respiration with the aid of a pocket mask equipped with a one-way valve or other proper respiratory medical device. If breathing is difficult, (trained personnel should) give oxygen. Aspiration into lungs can produce severe lung damage. Avoid direct contact with skin. Use barrier to give mouth-to-mouth resuscitation. Get immediate medical

attention. Delayed pulmonary edema may occur.

Eye contact Rinse immediately with plenty of water, also under the eyelids, for at least 15 minutes. Keep

eye wide open while rinsing. Do not rub affected area. Remove contact lenses, if present

and easy to do. Continue rinsing.

**Skin contact** Wash off immediately with soap and plenty of water while removing all contaminated clothes

and shoes. If symptoms persist, call a physician.

**Ingestion** Do NOT induce vomiting. Rinse mouth. Never give anything by mouth to an unconscious

person. ASPIRATION HAZARD IF SWALLOWED - CAN ENTER LUNGS AND CAUSE DAMAGE. If vomiting occurs spontaneously, keep head below hips to prevent aspiration.

Get immediate medical attention.

**Self-protection of the first aider** Remove all sources of ignition. Ensure that medical personnel are aware of the material(s)

involved, take precautions to protect themselves and prevent spread of contamination. Do not breathe vapor or mist. Do not use mouth-to-mouth method if victim ingested or inhaled the substance; give artificial respiration with the aid of a pocket mask equipped with a one-way valve or other proper respiratory medical device. Use personal protective

equipment as required. See section 8 for more information.

Most important symptoms and effects, both acute and delayed

**Symptoms** Coughing and/ or wheezing. Difficulty in breathing. Dizziness. Prolonged contact may cause

redness and irritation.

Indication of any immediate medical attention and special treatment needed

Note to physicians Because of the danger of aspiration, emesis or gastric lavage should not be employed

unless the risk is justified by the presence of additional toxic substances.

# 5. Fire-fighting measures

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**Suitable Extinguishing Media** Dry chemical, CO2, water spray or regular foam.

Unsuitable extinguishing media Water spray jet.

Specific hazards arising from the

chemical

Keep product and empty container away from heat and sources of ignition. In the event of

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fire, cool tanks with water spray.

Hazardous combustion products Carbon monoxide. Carbon dioxide (CO2). Nitrogen oxides (NOx). Halogenated compounds.

**Explosion data** 

Sensitivity to mechanical impact None. Sensitivity to static discharge Yes.

Special protective equipment and precautions for fire-fighters

Firefighters should wear self-contained breathing apparatus and full firefighting turnout gear.

Use personal protection equipment.

# 6. Accidental release measures

Personal precautions, protective equipment and emergency procedures

**Personal precautions** Evacuate personnel to safe areas. Use personal protective equipment as required. See

section 8 for more information. Take precautionary measures against static discharges. Do not touch or walk through spilled material. Avoid contact with skin, eyes or clothing. Ensure adequate ventilation. Do not breathe vapor or mist. Keep people away from and upwind of

spill/leak.

Other information Refer to protective measures listed in Sections 7 and 8.

Methods and material for containment and cleaning up

Methods for containment Stop leak if you can do it without risk. Do not touch or walk through spilled material. Dike far

ahead of liquid spill for later disposal.

Methods for cleaning up Take precautionary measures against static discharges. Dam up. Soak up with inert

absorbent material. Pick up and transfer to properly labeled containers.

# 7. Handling and storage

## Precautions for safe handling

surfaces, sparks, open flames and other ignition sources. No smoking. Take precautionary measures against static discharges. Handle in accordance with good industrial hygiene and safety practice. Avoid contact with skin, eyes or clothing. In case of insufficient ventilation, wear suitable respiratory equipment. Handle product only in closed system or provide appropriate exhaust ventilation. Do not eat, drink or smoke when using this product. Take

off contaminated clothing and wash before reuse.

### Conditions for safe storage, including any incompatibilities

Storage Conditions Keep containers tightly closed in a dry, cool and well-ventilated place. Keep away from heat,

sparks, flame and other sources of ignition (i.e., pilot lights, electric motors and static electricity). Keep in properly labeled containers. Store in accordance with the particular national regulations. Store in accordance with local regulations. Keep out of the reach of children. Store locked up. Store away from other materials. Containers which are opened must be carefully resealed and kept upright to prevent leakage. Store away from incompatible materials. See section 10 for more information. Keep away from food, drink

and animal feeding stuffs.

# 8. Exposure controls/personal protection

### Control parameters

**Exposure Limits** 

The following ingredients are the only ingredients of the product above the cut-off level (or level that contributes to the hazard classification of the mixture) which have an exposure limit applicable in the region for which this safety data sheet is intended or other recommended limit. At this time, the other relevant constituents have no known exposure limits from the sources listed here.

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| Chemical name          | ACGIH TLV   | OSHA PEL                             | NIOSH                      |
|------------------------|-------------|--------------------------------------|----------------------------|
| Naphthalene            | TWA: 10 ppm | TWA: 10 ppm                          | IDLH: 250 ppm              |
| 91-20-3                | S*          | TWA: 50 mg/m <sup>3</sup>            | TWA: 10 ppm                |
|                        |             | (vacated) TWA: 10 ppm                | TWA: 50 mg/m <sup>3</sup>  |
|                        |             | (vacated) TWA: 50 mg/m <sup>3</sup>  | STEL: 15 ppm               |
|                        |             | (vacated) STEL: 15 ppm               | STEL: 75 mg/m <sup>3</sup> |
|                        |             | (vacated) STEL: 75 mg/m <sup>3</sup> | _                          |
| 1,2,4 Trimethylbenzene | TWA: 10 ppm | -                                    | TWA: 25 ppm                |
| 95-63-6                |             |                                      | TWA: 125 mg/m <sup>3</sup> |

# **Biological occupational exposure limits**

| Chemical name | ACGIH  |
|---------------|--|
| Naphthalene   | - (1-Naphthol with hydrolysis plus 2-Naphthol with |
| 91-20-3       | hydrolysis) - end of shift                         |

### Appropriate engineering controls

Engineering controls

Showers

Eyewash stations Ventilation systems.

### Individual protection measures, such as personal protective equipment

**Eye/face protection** Tight sealing safety goggles.

**Hand protection** Wear suitable gloves.

**Skin and body protection** Wear suitable protective clothing. Long sleeved clothing.

Respiratory protection When workers are facing concentrations above the exposure limit they must use appropriate

certified respirators.

**Environmental exposure controls** Local authorities should be advised if significant spillages cannot be contained. Prevent

product from entering drains. Avoid release to the environment. Prevent further leakage or

spillage if safe to do so. Keep out of drains, sewers, ditches and waterways.

**General hygiene considerations** Do not eat, drink or smoke when using this product. Contaminated work clothing must not

be allowed out of the workplace. Regular cleaning of equipment, work area and clothing is recommended. Wash hands before breaks and immediately after handling the product. Avoid contact with skin, eyes or clothing. Wear suitable gloves and eye/face protection. Do not breathe vapor or mist. Remove and wash contaminated clothing and gloves, including

the inside, before re-use.

# 9. Physical and chemical properties

Information on basic physical and chemical properties

Appearance Clear liquid
Physical state Liquid

ColorLight yellowOdorMild aromaticOdor thresholdNo data available

<u>Property</u> <u>Values</u> <u>Remarks • Method</u>

**pH** 3.93

Melting point / freezing pointNo data availableInitial boiling point and boiling rangeNo data available

Flash point 65 °C / 149 °F

Evaporation rateNo data availableFlammabilityNo data available

Flammability Limit in Air

Upper flammability or explosive limits

Lower flammability or explosive limits

No data available

No data available

Vapor pressure

No data available

Vapor pressureNo data availableVapor densityNo data availableRelative densityNo data availableWater solubilityNo data availableSolubility(ies)No data availablePartition coefficientNo data availableAutoignition temperatureNo data availableDecomposition temperatureNo data available

 Kinematic viscosity
 2.46 cP @ 25C

 1.87 cP @ 39C

Dynamic viscosity

No data available

Other information

Explosive properties

Oxidizing properties

No information available
Density

No information available
No information available

# 10. Stability and reactivity

**Reactivity** None under normal use conditions.

Chemical stability Stable under normal conditions.

Possibility of hazardous reactions None under normal processing.

**Conditions to avoid** Heat, flames and sparks. Excessive heat. Incompatible materials.

**Incompatible materials** Oxidizing materials.

Hazardous decomposition products None known based on information supplied.

# 11. Toxicological information

### Information on likely routes of exposure

**Product Information** 

**Inhalation** Specific test data for the substance or mixture is not available. Fatal if inhaled. (based on

components). Aspiration into lungs can produce severe lung damage. May cause

pulmonary edema. Pulmonary edema can be fatal. May cause irritation of respiratory tract.

Willowood Lambda-Cy 1 EC

**Eye contact** Specific test data for the substance or mixture is not available. May cause irritation.

**Skin contact** Specific test data for the substance or mixture is not available. Causes mild skin irritation.

Harmful in contact with skin. (based on components). Repeated exposure may cause skin

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dryness or cracking. May be absorbed through the skin in harmful amounts.

**Ingestion** Specific test data for the substance or mixture is not available. Potential for aspiration if

swallowed. May cause lung damage if swallowed. Aspiration may cause pulmonary edema and pneumonitis. May be fatal if swallowed and enters airways. (based on components).

### Symptoms related to the physical, chemical and toxicological characteristics

**Symptoms** Coughing and/ or wheezing. Difficulty in breathing. Dizziness. Prolonged contact may cause

redness and irritation.

**Acute toxicity** 

**Numerical measures of toxicity** 

# The following values are calculated based on chapter 3.1 of the GHS document:

ATEmix (oral) 292.30 mg/kg
ATEmix (dermal) 1,693.52 mg/kg
ATEmix (inhalation-dust/mist) 0.253 mg/l

### Unknown acute toxicity

26.2 % of the mixture consists of ingredient(s) of unknown acute oral toxicity 26.2 % of the mixture consists of ingredient(s) of unknown acute dermal toxicity

26.2 % of the mixture consists of ingredient(s) of unknown acute inhalation toxicity (dust/mist)

**Component Information** 

| Chemical name  | Oral LD50          | Dermal LD50           | Inhalation LC50         |
|--|--------------------|-----------------------|-------------------------|
| Solvent Naphtha (Petroleum),<br>Heavy Aromatic<br>64742-94-5 | > 5000 mg/kg (Rat) | > 2000 mg/kg(Rabbit)  | > 4688 mg/m³ (Vapor) 4h |
| Lambda-Cyhalothrin<br>91465-08-6                             | = 56 mg/kg (Rat)   | = 632 mg/kg (Rat)     | -                       |
| Naphthalene<br>91-20-3                                       | = 1110 mg/kg (Rat) | = 1120 mg/kg(Rabbit)  | > 0.4 mg/L (Rat)4 h     |
| 1,2,4 Trimethylbenzene<br>95-63-6                            | = 3280 mg/kg (Rat) | > 3160 mg/kg (Rabbit) | = 18 g/m³(Rat)4 h       |

### Delayed and immediate effects as well as chronic effects from short and long-term exposure

**Skin corrosion/irritation** Classification based on data available for ingredients. Causes mild skin irritation.

**Serious eye damage/eye irritation** No information available.

**Respiratory or skin sensitization** No information available.

Germ cell mutagenicity No information available.

Carcinogenicity Contains a known or suspected carcinogen. Classification based on data available for

ingredients. May cause cancer.

The table below indicates whether each agency has listed any ingredient as a carcinogen.

| Chemical name                    | ACGIH | IARC     | NTP | OSHA |
|----------------------------------|-------|----------|-----|------|
| Lambda-Cyhalothrin<br>91465-08-6 | -     | Group 2A | -   | X    |

| Naphthalene | A3 | Group 2B | Reasonably Anticipated | Χ |
|-------------|----|----------|------------------------|---|
| 91-20-3     |    |          |                        |   |

### Legend

**ACGIH (American Conference of Governmental Industrial Hygienists)** 

A3 - Animal Carcinogen

IARC (International Agency for Research on Cancer)

Group 2A - Probably Carcinogenic to Humans Group 2B - Possibly Carcinogenic to Humans

NTP (National Toxicology Program)

Reasonably Anticipated - Reasonably Anticipated to be a Human Carcinogen

OSHA (Occupational Safety and Health Administration of the US Department of Labor)

X - Present

**Reproductive toxicity** No information available.

**STOT - single exposure** No information available.

**STOT - repeated exposure**No information available.

Target organ effects Liver. Kidney. Respiratory system. Eyes. Skin. Central nervous system. Blood.

**Aspiration hazard** May be fatal if swallowed and enters airways.

Other adverse effects

No information available.

Interactive effects

No information available.

# 12. Ecological information

**Ecotoxicity** Toxic to aquatic life with long lasting effects.

| Chemical name                | Algae/aquatic plants | Fish                  | Toxicity to    | Crustacea             |
|------------------------------|----------------------|-----------------------|----------------|-----------------------|
|                              |                      |                       | microorganisms |                       |
| Solvent Naphtha (Petroleum), | -                    | LC50: =19mg/L (96h,   | -              | EC50: =0.95mg/L (48h, |
| Heavy Aromatic               |                      | Pimephales promelas)  |                | Daphnia magna)        |
| 64742-94-5                   |                      | LC50: =2.34mg/L (96h, |                |                       |
|                              |                      | Oncorhynchus mykiss)  |                |                       |
|                              |                      | LC50: =1740mg/L (96h, |                |                       |
|                              |                      | Lepomis macrochirus)  |                |                       |
|                              |                      | LC50: =45mg/L (96h,   |                |                       |
|                              |                      | Pimephales promelas)  |                |                       |
|                              |                      | LC50: =41mg/L (96h,   |                |                       |
|                              |                      | Pimephales promelas)  |                |                       |
| Naphthalene                  | -                    | LC50: 5.74 - 6.44mg/L | -              | LC50: =2.16mg/L (48h, |
| 91-20-3                      |                      | (96h, Pimephales      |                | Daphnia magna)        |
|                              |                      | promelas)             |                | EC50: =1.96mg/L (48h, |
|                              |                      | LC50: =1.6mg/L (96h,  |                | Daphnia magna)        |
|                              |                      | Oncorhynchus mykiss)  |                | EC50: 1.09 - 3.4mg/L  |
|                              |                      | LC50: 0.91 - 2.82mg/L |                | (48h, Daphnia magna)  |
|                              |                      | (96h, Oncorhynchus    |                |                       |
|                              |                      | mykiss)               |                |                       |
|                              |                      | LC50: =1.99mg/L (96h, |                |                       |
|                              |                      | Pimephales promelas)  |                |                       |
|                              |                      | LC50: =31.0265mg/L    |                |                       |
|                              |                      | (96h, Lepomis         |                |                       |
|                              |                      | macrochirus)          |                |                       |
| 1,2,4 Trimethylbenzene       | -                    | LC50: 7.19 - 8.28mg/L | -              | EC50: =6.14mg/L (48h, |
| 95-63-6                      |                      | (96h, Pimephales      |                | Daphnia magna)        |
|                              |                      | promelas)             |                |                       |

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Persistence and degradability

No information available.

### **Bioaccumulation**

**Component Information** 

| Chemical name                               | Partition coefficient |
|---|-----------------------|
| Solvent Naphtha (Petroleum), Heavy Aromatic | 2.8 - 6.5             |
| 64742-94-5                                  |                       |
| Naphthalene                                 | 3.4                   |
| 91-20-3                                     |                       |
| 1,2,4 Trimethylbenzene                      | 3.63                  |
| 95-63-6                                     |                       |

Other adverse effects No information available.

# 13. Disposal considerations

### Waste treatment methods

Waste from residues/unused

products

Dispose of waste in accordance with environmental legislation. Dispose of in accordance

with local regulations.

Contaminated packaging Do not reuse empty containers.

California Hazardous Waste Status This product contains one or more substances that are listed with the State of California as

a hazardous waste.

# 14. Transport information

#### DOT

**ID** number UN3352

Proper shipping name Pyrethroid pesticide, liquid, toxic (Lambda-Cyhalothrin, Napthalene)

Hazard Class(es) 6.1 Packing group Ш

Hazard Label Division 6.1 Toxic

Marine Pollutant/RQ YES. Naphthalene: RQ = 100 lbs.

**Hazardous Substance** 

# IATA

**ID** number

Pyrethroid pesticide, liquid, toxic (Lambda-Cyhalothrin, Napthalene) Proper shipping name

6.1 Hazard Class(es) Packing group

Division 6.1 Toxic Hazard Label

### **IMDG**

ID number UN3352

Proper shipping name Pyrethroid pesticide, liquid, toxic (Lambda-Cyhalothrin, Napthalene)

Hazard Class(es) 6.1
Packing group

Hazard Label Division 6.1 Toxic, Environmentally Hazardous
Marine Pollutant/ YES

Marine Pollutant/ Environmentally Hazardous Substance

# 15. Regulatory information

## **International Inventories**

Contact supplier for inventory compliance status

### **US Federal Regulations**

#### **SARA 313**

Section 313 of Title III of the Superfund Amendments and Reauthorization Act of 1986 (SARA). This product contains a chemical or chemicals which are subject to the reporting requirements of the Act and Title 40 of the Code of Federal Regulations, Part 372.

| Chemical name                    | SARA 313 - Threshold Values % |
|----------------------------------|-------------------------------|
| Naphthalene - 91-20-3            | 0.1                           |
| 1,2,4 Trimethylbenzene - 95-63-6 | 1.0                           |

## SARA 311/312 Hazard Categories

Should this product meet EPCRA 311/312 Tier reporting criteria at 40 CFR 370, refer to Section 2 of this SDS for appropriate classifications.

### **CWA (Clean Water Act)**

This product contains the following substances which are regulated pollutants pursuant to the Clean Water Act (40 CFR 122.21 and 40 CFR 122.42).

| Chemical name          | CWA - Reportable<br>Quantities | CWA - Toxic Pollutants | CWA - Priority Pollutants | CWA - Hazardous<br>Substances |
|------------------------|--------------------------------|------------------------|---------------------------|-------------------------------|
| Naphthalene<br>91-20-3 | 100 lb                         | X                      | Х                         | Χ                             |

### **CERCLA**

This material, as supplied, contains one or more substances regulated as a hazardous substance under the Comprehensive Environmental Response Compensation and Liability Act (CERCLA) (40 CFR 302).

| Chemical name          | Hazardous Substances RQs | Extremely Hazardous Substances RQs | Reportable Quantity (RQ)                  |
|------------------------|--------------------------|------------------------------------|---|
| Naphthalene<br>91-20-3 | 100 lb                   | -                                  | RQ 100 lb final RQ<br>RQ 45.4 kg final RQ |

### **US State Regulations**

### **California Proposition 65**

This product contains the following Proposition 65 chemicals:

| Chemical name         | California Proposition 65 |  |
|-----------------------|---------------------------|--|
| Naphthalene - 91-20-3 | Carcinogen                |  |

## U.S. State Right-to-Know Regulations

| Chemical name                     | New Jersey | Massachusetts | Pennsylvania |
|-----------------------------------|------------|---------------|--------------|
| 1,2,4 Trimethylbenzene<br>95-63-6 | Х          | X             | X            |
| Naphthalene<br>91-20-3            | X          | X             | Х            |

### U.S. EPA Label Information

**EPA Pesticide Registration Number** 87290-24

# 16. Other information

NFPA **Health hazards** 3 Flammability 2 **Instability** 0 Special hazards -Health hazards 3\* Flammability 2 Physical hazards 0 Personal protection X **HMIS** 

Chronic Hazard Star Legend \* = Chronic Health Hazard

Key or legend to abbreviations and acronyms used in the safety data sheet

Legend Section 8: EXPOSURE CONTROLS/PERSONAL PROTECTION

TWA TWA (time-weighted average) STEL (Short Term Exposure Limit) STEL

Ceiling Maximum limit value Skin designation

Key literature references and sources for data used to compile the SDS

Agency for Toxic Substances and Disease Registry (ATSDR) U.S. Environmental Protection Agency ChemView Database

European Food Safety Authority (EFSA) EPA (Environmental Protection Agency)

Acute Exposure Guideline Level(s) (AEGL(s))

U.S. Environmental Protection Agency Federal Insecticide, Fungicide, and Rodenticide Act

U.S. Environmental Protection Agency High Production Volume Chemicals

Food Research Journal

Hazardous Substance Database

International Uniform Chemical Information Database (IUCLID)

Japan GHS Classification

Australia National Industrial Chemicals Notification and Assessment Scheme (NICNAS)

NIOSH (National Institute for Occupational Safety and Health)

National Library of Medicine's ChemID Plus (NLM CIP)

National Library of Medicine's PubMed database (NLM PUBMED)

National Toxicology Program (NTP)

New Zealand's Chemical Classification and Information Database (CCID)

Organization for Economic Co-operation and Development Environment, Health, and Safety Publications Organization for Economic Co-operation and Development High Production Volume Chemicals Program

Organization for Economic Co-operation and Development Screening Information Data Set

World Health Organization

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Change to Email, Emergency Telephone Number and Section 14. **Revision Note** 

Disclaimer

The information provided in this Safety Data Sheet is correct to the best of our knowledge, information and belief at the date of its publication. The information given is designed only as a guidance for safe handling, use, processing, storage, transportation, disposal and release and is not to be considered a warranty or quality specification. The information relates only to the specific material designated and may not be valid for such material used in combination with any other materials or in any process, unless specified in the text.

**End of Safety Data Sheet**