



SAFETY DATA SHEET

This safety data sheet was created pursuant to the requirements of:
US OSHA HCS 2024 and Canada Hazardous Products Act (HPA) and
Hazardous Products Regulation (HPR), as amended

Issuing Date 20-Aug-2025

Revision date 12-Aug-2025

Revision Number 1

1. Identification

Product identifier

Product Name TransTint Lemon Yellow

Other means of identification

Product Code(s) B910

Synonyms None

Recommended use of the chemical and restrictions on use

Recommended use Dye Additive

Restrictions on use Use only for intended applications

Details of the supplier of the safety data sheet

Manufacturer Address

General Finishes
2462 Coporate Circle
East Troy, WI 53120
Phone 1-800-783-6050

Distributor

Wood Essence
2343 1st Ave North, unit B
Saskatoon, SK S7K 2A2
Phone 306-955-8775

Dover Finishing Products
180 Ave Du Voyageur
Pointe-Claire, QC H9R6A8
Phone 514-697-3000

Lee Valley Tools
1090 Morrison Drive
Ottawa, ON K2H1C2
Phone 613-596-0350

Canpro Edmonton Distribution Centre
14045-156 Street
CANPRO# 2620-999
Edmonton AB T6V1J1
Phone 780-428-6690

Emergency telephone number

Emergency telephone 24 Hour Emergency Phone Number
Chemtrec 1-800-424-9300
+1 703 527 3887 (CHEMTREC International)

2. Hazard(s) identification

Classification of the substance or mixture

| | |
|-------------------------|------------|
| Flammable liquids | Category 4 |
| Acute toxicity - Dermal | Category 4 |

| | |
|-----------------------------------|-------------|
| Serious eye damage/eye irritation | Category 2A |
| Skin sensitization | Category 1 |

Label elements**Warning****Hazard statements**

Combustible liquid.

Harmful in contact with skin.

Causes serious eye irritation.

May cause an allergic skin reaction.

**Precautionary Statements - Prevention**

Wear protective gloves, protective clothing, eye protection and face protection.

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

Avoid breathing dust, fume, gas, mist, vapors and spray.

Contaminated work clothing should not be allowed out of the workplace.

Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking.

Precautionary Statements - Response

Specific treatment (see supplemental first aid instructions on this label).

Eyes

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 and attention.

Skin

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

Call a POISON CENTER or doctor if you feel unwell.

Take off contaminated clothing and wash it before reuse.

If skin irritation or rash occurs: Get medical advice and attention.

Fire

In case of fire: Use dry sand, dry chemical or alcohol-resistant foam to extinguish.

Precautionary Statements - Storage

Store in a well-ventilated place.

Precautionary Statements - Disposal

Dispose of contents and container in accordance with local, regional, national, and international regulations as applicable.

Unknown acute toxicity

24.9 % of the mixture consists of ingredient(s) of unknown acute dermal toxicity

Hazards classified under paragraph (d)(1)(ii) of 1910.1200

No information available.

Other information

May be harmful if swallowed.

3. Composition/information on ingredients**Substance**

Not applicable.

Mixture

| Chemical name | CAS No. | Weight-% | Hazardous Material Information Review Act registry number (HMIRA registry #) | Date HMIRA filed and date exemption granted (if applicable) |
|-----------------------------------|-----------|----------|--|---|
| Ethylene glycol monopropyl ether | 2807-30-9 | 25 - 50 | - | - |
| Diethylene glycol monobutyl ether | 112-34-5 | 10 - 25 | - | - |
| Acid yellow 34 | 6359-90-6 | 10 - <25 | - | - |
| Propylene glycol monomethyl ether | 107-98-2 | 5 - 10 | - | - |
| Propylene glycol | 57-55-6 | 5 - 10 | - | - |

*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. |
| Inhalation | Remove to fresh air. |
| 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. Get medical attention if irritation develops and persists. |
| Skin contact | Wash off immediately with soap and plenty of water while removing all contaminated clothes and shoes. May cause an allergic skin reaction. If symptoms persist, call a physician. |
| Ingestion | Do NOT induce vomiting. Rinse mouth. Never give anything by mouth to an unconscious person. Call a physician. |
| 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. Wear personal protective clothing (see section 8). Avoid contact with skin, eyes or clothing. |

Most important symptoms and effects, both acute and delayed

| | |
|----------------------------|---|
| Symptoms | Itching. Rashes. Hives. May cause redness and tearing of the eyes. Burning sensation. |
| Effects of Exposure | None known. |

Indication of any immediate medical attention and special treatment needed

| | |
|---------------------------|--|
| Note to physicians | May cause sensitization in susceptible persons. Treat symptomatically. |
|---------------------------|--|

5. Fire-fighting measures

| | |
|---|---|
| Suitable Extinguishing Media | Dry chemical. Carbon dioxide (CO2). Water spray. Alcohol resistant foam. |
| Unsuitable extinguishing media | No information available. |
| Specific hazards arising from the chemical | Keep product and empty container away from heat and sources of ignition. In the event of fire, cool tanks with water spray. Product is or contains a sensitizer. May cause sensitization by skin contact. |
| 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. 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.

Prevention of secondary hazards Clean contaminated objects and areas thoroughly observing environmental regulations.

7. Handling and storage

Precautions for safe handling

Advice on safe handling Use personal protection equipment. Do not breathe vapor or mist. Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking. Take precautionary measures against static discharges. Use with local exhaust ventilation. 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. Do not eat, drink or smoke when using this product. Take off contaminated clothing and wash before reuse.

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

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. Store locked up.

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.

| Chemical name | ACGIH TLV | | OSHA PEL | NIOSH |
|---|--|--------------------------------|--|--|
| Diethylene glycol monobutyl ether 112-34-5 | TWA: 10 ppm inhalable fraction and vapor | | - | - |
| Propylene glycol monomethyl ether 107-98-2 | TWA: 50 ppm STEL: 100 ppm | | (vacated) TWA: 100 ppm (vacated) TWA: 360 mg/m³ (vacated) STEL: 150 ppm (vacated) STEL: 540 mg/m³ | TWA: 100 ppm; TWA: 360 mg/m³; STEL: 150 ppm STEL: 540 mg/m³ |
| Chemical name | Alberta | British Columbia | Ontario | Quebec |
| Ethylene glycol monopropyl ether 2807-30-9 | - | - | TWA: 25 ppm; TWA: 110 mg/m³; dSk | - |
| Diethylene glycol monobutyl ether 112-34-5 | - | - | TWA: 10 ppm; inhalable fraction and vapor | TWAEV: 10 ppm; inhalable fraction and vapour |
| Propylene glycol monomethyl ether 107-98-2 | TWA: 100 ppm; TWA: 369 mg/m³; STEL: 150 ppm; STEL: 553 mg/m³; | TWA: 50 ppm; STEL: 100 ppm; | TWA: 50 ppm; STEL: 100 ppm; | TWAEV: 50 ppm; STEV: 100 ppm; |
| Propylene glycol 57-55-6 | - | - | TWA: 10 mg/m³; aerosol only TWA: 50 ppm; aerosol and vapor TWA: 155 mg/m³; aerosol and vapor | - |

| Chemical name | Manitoba | New Brunswick | Newfoundland and Labrador | Nova Scotia |
|-----------------------------------|---|---|---|---|
| Diethylene glycol monobutyl ether | TWA: 10 ppm; inhalable fraction and vapor | TWA: 10 ppm; inhalable fraction and vapor | TWA: 10 ppm; inhalable fraction and vapor | TWA: 10 ppm; inhalable fraction and vapor |
| Propylene glycol monomethyl ether | TWA: 50 ppm; STEL: 100 ppm; | TWA: 50 ppm; STEL: 100 ppm; | TWA: 50 ppm; STEL: 100 ppm; | TWA: 50 ppm; STEL: 100 ppm; |

| Chemical name | Nunavut | Prince Edward Island | Saskatchewan | Yukon |
|-----------------------------------|---------------------------------|---|---------------------------------|--|
| Diethylene glycol monobutyl ether | - | TWA: 10 ppm; inhalable fraction and vapor | - | - |
| Propylene glycol monomethyl ether | TWA: 100 ppm; STEL: 150 ppm; | TWA: 50 ppm; STEL: 100 ppm; | TWA: 100 ppm; STEL: 150 ppm; | TWA: 100 ppm; TWA: 360 mg/m ³ ; STEL: 150 ppm; STEL: 450 mg/m ³ ; |

Note

See section 16 for terms and abbreviations.

Other information on limit values

Vacated limits revoked by the Court of Appeals decision in AFL-CIO v. OSHA, 965 F.2d 962 (11th Cir., 1992).

Appropriate engineering controls**Engineering controls**

Showers
Eyewash stations
Ventilation systems.

Individual protection measures, such as personal protective equipment**Eye/face protection**

Wear safety glasses with side shields (or goggles). Tight sealing safety goggles.

| | |
|---------------------------------|--|
| Hand protection | Wear suitable gloves. |
| Skin and body protection | Wear suitable protective clothing. Antistatic boots. Chemical resistant apron. Wear fire/flammable resistant/retardant clothing. |
| Respiratory protection | No protective equipment is needed under normal use conditions. If exposure limits are exceeded or irritation is experienced, ventilation and evacuation may be required. Use appropriate respiratory protection. |

9. Physical and chemical properties

Information on basic physical and chemical properties

Appearance

| | |
|---------------------------------------|--------|
| Physical state | Liquid |
| Color | Yellow |
| Odor (includes odor threshold) | Slight |

| <u>Property</u> | <u>Values</u> | <u>Remarks • Method</u> |
|--|------------------|-------------------------|
| Melting point / freezing point | | No data available |
| Boiling point (or initial boiling point or boiling range) | | No data available |
| Flammability | | No data available |
| Flammability Limit in Air | | |
| Upper flammability or explosive limits | | No data available |
| Lower flammability or explosive limits | | No data available |
| Flash point | 71 °C / 159.8 °F | CC (closed cup) |
| Autoignition temperature | | No data available |
| Decomposition temperature | | No data available |
| SADT (°C) | | No data available |
| pH | 7.5 - 9.0 | |
| pH (as aqueous solution) | | No data available |
| Kinematic viscosity | | No data available |
| Dynamic viscosity | 50 - 500 cP | |
| Solubility | | No data available |
| Water solubility | Soluble in water | |
| Partition coefficient n-octanol/water (log value) | | No data available |
| Vapor pressure (includes evaporation rate) | | No data available |
| Evaporation rate | | No data available |
| Density and/or relative density | 9.18 | |
| Bulk density | | No data available |
| Liquid Density | | No data available |
| Relative vapor density | | No data available |
| Particle characteristics | | |
| Particle Size | | No data available |
| Particle Size Distribution | | No data available |

Other information

| | |
|-------------------------|--------------------------|
| Molecular weight | No information available |
| VOC content | 745 g/L |
| Softening point | No information available |

Information with regard to physical hazard classes

| | |
|-----------------------------|--------------------------|
| Explosives | |
| Explosive properties | No information available |
| Oxidizing properties | 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. |
| Incompatible materials | None known based on information supplied. |
| Hazardous decomposition products | None known based on information supplied. |

11. Toxicological information

Information on likely routes of exposure

Product Information

| | |
|---------------------|---|
| Inhalation | May cause irritation of respiratory tract. Specific test data for the substance or mixture is not available. |
| Eye contact | Causes serious eye irritation (based on components). May cause redness, itching, and pain. Specific test data for the substance or mixture is not available. |
| Skin contact | Harmful in contact with skin (based on components). May cause sensitization by skin contact. Repeated or prolonged skin contact may cause allergic reactions with susceptible persons. May cause irritation. Prolonged contact may cause redness and irritation. May be absorbed through the skin in harmful amounts. Specific test data for the substance or mixture is not available. |
| Ingestion | Ingestion may cause gastrointestinal irritation, nausea, vomiting and diarrhea. Specific test data for the substance or mixture is not available. |

Symptoms related to the physical, chemical and toxicological characteristics

| | |
|-----------------------|--|
| Symptoms | Itching. Rashes. Hives. May cause redness and tearing of the eyes. |
| Acute toxicity | Harmful by skin contact. |

Numerical measures of toxicity

The following ATE values have been calculated for the mixture:

| | |
|-----------------|----------------|
| ATEmix (oral) | 4,129.40 mg/kg |
| ATEmix (dermal) | 1,372.60 mg/kg |

Unknown acute toxicity

24.9 % of the mixture consists of ingredient(s) of unknown acute dermal toxicity

Component Information

| Chemical name | Oral LD50 | Dermal LD50 | Inhalation LC50 |
|-----------------------------------|----------------------|--------------------------|------------------------|
| Ethylene glycol monopropyl ether | = 3089 mg/kg (Rat) | = 870 mg/kg (Rabbit) | = 1530 ppm (Rat) 7 h |
| Diethylene glycol monobutyl ether | = 5660 mg/kg (Rat) | = 2700 mg/kg (Rabbit) | - |
| Propylene glycol monomethyl ether | = 5000 mg/kg (Rat) | = 13 g/kg (Rabbit) | > 7559 ppm (Rat) 6 h |
| Propylene glycol | = 20 g/kg (Rat) | = 20800 mg/kg (Rabbit) | - |

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

Skin corrosion/irritation No information available.

Serious eye damage/eye irritation Causes serious eye irritation. Classification based on data available for ingredients.

Respiratory or skin sensitization May cause an allergic skin reaction.

Germ cell mutagenicity No information available.

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

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

| Chemical name | ACGIH | IARC | NTP | OSHA |
|---|---|------|-----|------|
| Propylene glycol monomethyl ether 107-98-2 | A4 - Not classifiable as a human carcinogen | - | - | - |

Reproductive toxicity No information available.

STOT - single exposure No information available.

STOT - repeated exposure No information available.

Aspiration hazard No information available.

12. Ecological information

Ecotoxicity The environmental impact of this product has not been fully investigated.

| Chemical name | Algae/aquatic plants | Fish | Toxicity to microorganisms | Crustacea |
|---|---|---|--|---------------------------------------|
| Ethylene glycol monopropyl ether 2807-30-9 | - | LC50: >5000mg/L (96h, Pimephales promelas) | - | - |
| Diethylene glycol monobutyl ether 112-34-5 | EC50: >100mg/L (96h, Desmodesmus subspicatus) | LC50: =1300mg/L (96h, Lepomis macrochirus) | LC50:1170 mg/l (16 h, Bacteria - Pseudomonas putida) | EC50: >100mg/L (48h, Daphnia magna) |
| Propylene glycol monomethyl ether 107-98-2 | - | LC50: =20.8g/L (96h, Pimephales promelas) | - | EC50: =23300mg/L (48h, Daphnia magna) |
| Propylene glycol 57-55-6 | EC50: =19000mg/L (96h, Pseudokirchneriella subcapitata) | LC50: =51600mg/L (96h, Oncorhynchus mykiss) LC50: 41 - 47mL/L (96h, Oncorhynchus mykiss) LC50: =51400mg/L (96h, Pimephales promelas) LC50: =710mg/L (96h, Pimephales promelas) | - | EC50: >1000mg/L (48h, Daphnia magna) |

Persistence and degradability No information available.

Bioaccumulation

Component Information

| Chemical name | Partition coefficient |
|---|-----------------------|
| Ethylene glycol monopropyl ether 2807-30-9 | 0.673 |
| Diethylene glycol monobutyl ether 112-34-5 | 1 |
| Propylene glycol monomethyl ether 107-98-2 | 1 |
| Propylene glycol 57-55-6 | -1.07 |

Other adverse effects No information available.

13. Disposal considerations**Disposal methods**

Waste from residues/unused products Dispose of in accordance with local regulations, Dispose of waste in accordance with environmental legislation.

Contaminated packaging Do not reuse empty containers.

14. Transport information

DOT Not regulated

TDG Not regulated

IATA Not regulated

IMDG Not regulated

15. Regulatory information**Safety, health and environmental regulations/legislation specific for the substance or mixture****International Regulations**

The Montreal Protocol on Substances that Deplete the Ozone Layer Not applicable

The Stockholm Convention on Persistent Organic Pollutants Not applicable

The Rotterdam Convention Not applicable

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 % |
|--|-------------------------------|
| Ethylene glycol monopropyl ether - 2807-30-9 | 1.0 |
| Diethylene glycol monobutyl ether - 112-34-5 | 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 does not contain any substances regulated as pollutants pursuant to the Clean Water Act (40 CFR 122.21 and 40 CFR 122.42).

CAA (Clean Air Act)

This product contains the following substances which are regulated pollutants to the Clean Air Act (CAA).

| Chemical name | Hazardous air pollutants (HAPs) | Ozone-depleting substances (ODS) |
|---|---------------------------------|----------------------------------|
| Ethylene glycol monopropyl ether 2807-30-9 | Present | - |
| Diethylene glycol monobutyl ether 112-34-5 | Present | - |

CERCLA

This material, as supplied, does not contain any substances regulated as hazardous substances under the Comprehensive Environmental Response Compensation and Liability Act (CERCLA) (40 CFR 302) or the Superfund Amendments and Reauthorization Act (SARA) (40 CFR 355). There may be specific reporting requirements at the local, regional, or state level pertaining to releases of this material.

US State Regulations**California Proposition 65**

This product does not contain any Proposition 65 chemicals.

U.S. State Right-to-Know Regulations

| Chemical name | New Jersey | Massachusetts | Pennsylvania |
|---|------------|---------------|--------------|
| Ethylene glycol monopropyl ether 2807-30-9 | X | - | X |
| Diethylene glycol monobutyl ether 112-34-5 | X | - | X |
| Propylene glycol monomethyl ether 107-98-2 | X | X | X |
| Propylene glycol 57-55-6 | X | - | X |

U.S. EPA Label Information

EPA Pesticide Registration Number Not applicable

16. Other information

| | | | | |
|-------------|-------------------------|-----------------------|---------------------------|------------------------------|
| NFPA | Health hazards 2 | Flammability 2 | Instability 0 | Special hazards - |
| HMIS | Health hazards 2 | Flammability 2 | Physical hazards 0 | Personal protection X |

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

| | |
|---------|---|
| ACGIH | American Conference of Governmental Industrial Hygienists |
| ADN | Agreement concerning the International Carriage of Dangerous Goods by Inland Waterways (Europe) |
| ADR | Agreement concerning the International Carriage of Dangerous Goods by Road (Europe) |
| AIIC | Australian Inventory of Industrial Chemicals |
| ATE | Acute Toxicity Estimate |
| ASTM | American Society for the Testing of Materials |
| bar | Biological Reference Values for Chemical Compounds in the Work Area |
| BAT | Biological tolerance values for occupational exposure |
| BEL | Biological exposure limits |
| bw | Body weight |
| Ceiling | Maximum limit value |
| CMR | Carcinogen, Mutagen or Reproductive Toxicant |
| DOT | Department of Transportation (United States) |
| DSL | Domestic Substances List (Canada) |
| EmS | Emergency Schedule |
| ENCS | Existing and New Chemical Substances (Japan) |
| EPA | U.S. Environmental Protection Agency |
| GHS | Globally Harmonized System |
| HMIS | Hazardous Materials Identification System |
| IARC | International Agency for Research on Cancer |
| IATA | International Air Transport Association |
| IBC | International Code for the Construction and Equipment of Ships carrying Dangerous Chemicals in Bulk |
| ICAO | International Civil Aviation Organization |
| IECSC | Inventory of Existing Chemical Substances in China |
| IMDG | International Maritime Dangerous Goods |
| IMO | International Maritime Organization |
| ISO | International Organization for Standardization |
| KECI | Korean Existing Chemicals Inventory |
| LC50 | Lethal Concentration to 50% of a test population |
| LD50 | Lethal Dose to 50% of a test population (Median Lethal Dose) |
| MARPOL | International Convention for the Prevention of Pollution from Ships |
| NFPA | National Fire Protection Association |
| NIOSH | National Institute for Occupational Safety and Health |
| n.o.s. | Not Otherwise Specified |
| NOAEC | No Observed Adverse Effect Concentration |
| NOAEL | No Observed Adverse Effect Level |
| NOELR | No Observable Effect Loading Rate |
| NTP | National Toxicology Program (United States) |
| NZIoC | New Zealand Inventory of Chemicals |
| OECD | Organization for Economic Cooperation and Development |
| OEL | Occupational exposure limits |
| OSHA | Occupational Safety and Health Administration of the US Department of Labor |
| PBT | Persistent, Bioaccumulative and Toxic substance |
| PICCS | Philippines Inventory of Chemicals and Chemical Substances |
| PMT | Persistent, Mobile and Toxic |
| PPE | Personal protective equipment |
| QSAR | Quantitative Structure Activity Relationship |
| RID | Agreement concerning the International Carriage of Dangerous Goods by Rail (Europe) |
| SADT | Self-Accelerating Decomposition Temperature |
| SAR | Structure-activity relationship |

| | |
|---------|---|
| SARA | Superfund Amendments and Reauthorization Act |
| SDS | Safety Data Sheet |
| SL | Surface Limit |
| STEL | Short Term Exposure Limit |
| STOT RE | Specific target organ toxicity - Repeated exposure |
| STOT SE | Specific target organ toxicity - Single exposure |
| TCSI | Taiwan Chemical Substance Inventory |
| TDG | Transport of Dangerous Goods (Canada) |
| TSCA | Toxic Substances Control Act (United States) |
| TWA | Time-Weighted Average |
| UN | United Nations |
| VOC | Volatile organic compounds |
| vPvB | Very Persistent and Very Bioaccumulative |
| vPvM | Very Persistent and Very Mobile |
| As | Allergenic substance |
| DS | Dermal Sensitizer |
| Ot | Ototoxicant |
| pOt | Ototoxicant - potential to cause hearing disorders |
| PS | Photosensitizer |
| RS | Respiratory Sensitizer |
| S | Sensitizer |
| poS | Sensitizer - capable of causing occupational asthma |
| Sa | Simple asphyxiant |
| Sd | Skin designation |
| pSd | Skin designation - potential for cutaneous absorption |
| Sdv | Skin designation - vacated |
| Sk | Skin notation |
| dSk | Skin notation - danger of cutaneous absorption |
| pSk | Skin notation - potential for cutaneous absorption |

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

U.S. Environmental Protection Agency ChemView Database
 European Food Safety Authority (EFSA)
 U.S. 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)
 U.S. National Toxicology Program (NTP)
 New Zealand's Chemical Classification and Information Database (CCID)
 International Organization for Economic Co-operation and Development (OECD) Environment, Health, and Safety Publications
 International Organization for Economic Co-operation and Development (OECD) High Production Volume Chemicals Program
 International Organization for Economic Co-operation and Development (OECD) Screening Information Data Set
 United Nations World Health Organization (WHO)

Issuing Date 20-Aug-2025

Revision date 12-Aug-2025

Revision Note Initial Release.

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