



The following SDS references the products below:

**Chase's Clean Home™ Spray Disinfectant -  
Country Floral Scent**

**Vendor Item Number: FG 419-0426**

Manufactured By:

**Chase Products Co**

Distributed by Kimball Midwest with the KM product-  
identification number:

**801549**



# Safety Data Sheet

This safety data sheet was created pursuant to the requirements of:  
US OSHA Hazard Communication Standard 2024 (29 CFR 1910.1200)

Revision date 15-Jul-2026

Version 2

## 1. Identification

### Product identifier

**Product name** CHASE'S CLEAN HOME SPRAY DISINFECTANT COUNTRY FLORAL SCENT  
**Chemical name** 7-7899-1

### Other means of identification

**Product code** FG 419-0426  
**Synonyms** Disinfectant Spray  
**Registration number(s)** 498-179

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

**Recommended Use** For disinfection of hard, non-porous, inanimate surfaces.  
**Uses advised against** Do not spray on varnished, painted or plastic surfaces.

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

| Supplier Address  | Manufacturer Address |
|-------------------|----------------------|
| Menards Stores    | Chase Products Co.   |
| Various locations | 2727 Gardner Road    |
|                   | Broadview, IL 60155  |
|                   | 708-865-1000         |

### Emergency telephone number

**Company Phone Number** 844-814-9723  
**24 Hour Emergency Phone Number** 1-800-255-3924  
**Emergency telephone** ChemTel 1-800-255-3924

## 2. Hazard(s) identification

### Classification of the substance or mixture

|                                   |             |
|-----------------------------------|-------------|
| Aerosols                          | Category 2  |
| Serious eye damage/eye irritation | Category 2A |

### Hazards not otherwise classified (HNOC)

Not applicable.

### Label elements



Warning

### Hazard statements

Flammable aerosol. Pressurized container: May burst if heated.  
Causes serious eye irritation.

#### Precautionary Statements - Prevention

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

Wear eye and face protection.

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

Do not pierce or burn, even after use.

Do not spray on an open flame or other ignition source.

IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.  
If eye irritation persists: Get medical advice/attention.

#### Precautionary Statements - Storage

Protect from sunlight. Do not expose to temperatures exceeding 50 °C/122 °F.

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

No information available.

#### Other Information

Harmful to aquatic life. Toxic to aquatic life with long lasting effects.

### 3. Composition/information on ingredients

#### Substance

**Synonyms** Disinfectant Spray.

**Chemical Family** MIXTURES.

**Formula** 7-7899-1

**Chemical nature** Aqueous solution of alcohol and other active ingredients.

| Chemical name | CAS No.  | Weight-% | Trade secret |
|---------------|----------|----------|--------------|
| Ethyl alcohol | 64-17-5  | 30-35    | *            |
| N-Butane      | 106-97-8 | 10-15    | *            |
| Propane       | 74-98-6  | 1-5      | *            |

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

**Chemical Additions** See label for active ingredients information.

### 4. First-aid measures

#### Description of first aid measures

**Inhalation** Remove to fresh air.

**Eye contact** Rinse thoroughly with plenty of water for at least 15 minutes, lifting lower and upper eyelids.  
Consult a physician.

**Skin contact** Wash skin with soap and water.

**Ingestion** Rinse mouth.

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

Symptoms No information available.

Effects of Exposure No information available.

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

Note to physicians Treat symptomatically.

## 5. Fire-fighting measures

**Suitable Extinguishing Media** Use extinguishing measures that are appropriate to local circumstances and the surrounding environment.

**Unsuitable extinguishing media** Do not scatter spilled material with high pressure water streams.

**Specific hazards arising from the chemical** No information available.

**Hazardous combustion products** Thermal decomposition may yield gases like carbon monoxide and carbon dioxide.

**Explosion data**

**Sensitivity to mechanical impact** None.

**Sensitivity to static discharge** None.

**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** Ensure adequate ventilation.

**Methods and material for containment and cleaning up**

**Methods for containment** Prevent further leakage or spillage if safe to do so.

**Methods for cleaning up** 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** Handle in accordance with good industrial hygiene and safety practice.

**General hygiene considerations** Handle in accordance with good industrial hygiene and safety practice.

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

**Storage Conditions** Keep container tightly closed in a dry and well-ventilated place.

## 8. Exposure controls/personal protection

### Control Parameters

**Exposure Limits** This product, as supplied, contains materials that do not have reportable occupational exposure limits or are not subject to the reporting requirements of the local jurisdiction.

| Chemical name            | ACGIH TLV                                                        | OSHA PEL                                                                                                         | NIOSH                                                          |
|--------------------------|------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------|
| Ethyl alcohol<br>64-17-5 | STEL: 1000 ppm                                                   | TWA: 1000 ppm<br>TWA: 1900 mg/m <sup>3</sup><br>(vacated) TWA: 1000 ppm<br>(vacated) TWA: 1900 mg/m <sup>3</sup> | IDLH: 3300 ppm<br>TWA: 1000 ppm<br>TWA: 1900 mg/m <sup>3</sup> |
| N-Butane<br>106-97-8     | STEL: 1000 ppm explosion<br>hazard                               | (vacated) TWA: 800 ppm<br>(vacated) TWA: 1900 mg/m <sup>3</sup>                                                  | IDLH: 1600 ppm<br>TWA: 800 ppm<br>TWA: 1900 mg/m <sup>3</sup>  |
| Propane<br>74-98-6       | : See Appendix F:<br>Minimal Oxygen Content,<br>explosion hazard | TWA: 1000 ppm<br>TWA: 1800 mg/m <sup>3</sup><br>(vacated) TWA: 1000 ppm<br>(vacated) TWA: 1800 mg/m <sup>3</sup> | IDLH: 2100 ppm<br>TWA: 1000 ppm<br>TWA: 1800 mg/m <sup>3</sup> |

**Biological occupational exposure limits** This product, as supplied, contains materials that do not have reportable biological exposure limits or are not subject to the reporting requirements of the local jurisdiction.

### Appropriate engineering controls

**Engineering controls** Showers  
Eyewash stations  
Ventilation systems.

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

**Eye/face protection** Appropriate eye/face protection should be selected and used according to the chemical nature, hazards and use of this product and safety requirements of the local jurisdiction.

**Hand protection** Appropriate hand protection should be selected and used according to the chemical nature, hazards and use of this product and safety requirements of the local jurisdiction.

**Skin and body protection** Appropriate skin and body protection should be selected and used according to the chemical nature, hazards and use of this product and safety requirements of the local jurisdiction.

**Respiratory protection** Appropriate respiratory protection should be selected and used according to the chemical nature, hazards and use of this product and safety requirements of the local jurisdiction. If exposure limits are exceeded or irritation is experienced, ventilation and evacuation may be required.

## 9. Physical and chemical properties

### Information on basic physical and chemical properties

**Appearance** Hazy, yellow liquid  
**Physical state** Aerosol  
**Color** clear  
**Odor (includes odor threshold)** Perfumed

| <u>Property</u>                                           | <u>Values</u>                                                                                                                                                              | <u>Remarks • Method</u> |
|-----------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------|
| Melting point/freezing point                              | NA                                                                                                                                                                         | None known              |
| Boiling point (or initial boiling point or boiling range) | 212 °F/100 °C Water                                                                                                                                                        | None known              |
| Flammability (solid, gas)                                 | No data available                                                                                                                                                          | None known              |
| Flammability Limits in Air                                |                                                                                                                                                                            | None known              |
| Upper flammability limits                                 | Not available                                                                                                                                                              |                         |
| Lower Flammability Limit                                  | Not available                                                                                                                                                              |                         |
| Flash Point                                               | Not available. This is an aerosol product for which Flame Projection is 6-8 inches without flashback. Temperatures above 120 °F may cause cans to burst. No data available | None known              |
| Autoignition Temperature                                  | No data available                                                                                                                                                          | None known              |
| Decomposition temperature                                 | No data available                                                                                                                                                          | None known              |
| SADT (°C)                                                 | No data available                                                                                                                                                          | None known              |
| pH                                                        | 10.2 - 11.3                                                                                                                                                                | None known              |
| pH (as aqueous solution)                                  | No data available                                                                                                                                                          | None known              |
| Kinematic viscosity                                       | No data available                                                                                                                                                          | None known              |
| Dynamic viscosity                                         | No data available                                                                                                                                                          | None known              |
| Solubility                                                | No data available                                                                                                                                                          | None known              |
| Water solubility                                          | completely soluble                                                                                                                                                         | None known              |
| Partition coefficient n-octanol/water (log value)         | No data available                                                                                                                                                          | None known              |
| Vapor pressure (includes evaporation rate)                | Not available                                                                                                                                                              | None known              |
| Evaporation Rate                                          | Faster than butyl acetate                                                                                                                                                  | None known              |
| Density and/or relative density                           | 0.93 - 0.94 concentrate                                                                                                                                                    | None known              |
| Bulk Density                                              | 7.83 Lb/gal                                                                                                                                                                |                         |
| Density                                                   | No data available                                                                                                                                                          |                         |
| Vapor Density                                             | No data available                                                                                                                                                          | None known              |
| Particle characteristics                                  |                                                                                                                                                                            | None known              |
| Particle Size                                             | No data available                                                                                                                                                          |                         |
| Particle Size Distribution                                | No data available                                                                                                                                                          |                         |
| <u>Other information</u>                                  |                                                                                                                                                                            |                         |
| VOC content (%)                                           | 51.32%                                                                                                                                                                     |                         |

## 10. Stability and reactivity

|                                    |                                                                                |
|------------------------------------|--------------------------------------------------------------------------------|
| Reactivity                         | No information available.                                                      |
| Chemical stability                 | Stable under normal conditions.                                                |
| Possibility of hazardous reactions | None under normal processing.                                                  |
| hazardous polymerization           | Hazardous polymerization does not occur.                                       |
| Conditions to Avoid                | None known based on information supplied.                                      |
| Incompatible materials             | None known based on information supplied.                                      |
| Hazardous decomposition products   | Thermal decomposition may yield gases like carbon monoxide and carbon dioxide. |

## 11. Toxicological information

### Information on likely routes of exposure

|                     |                                                                   |
|---------------------|-------------------------------------------------------------------|
| <b>Inhalation</b>   | Specific test data for the substance or mixture is not available. |
| <b>Eye contact</b>  | Specific test data for the substance or mixture is not available. |
| <b>Skin contact</b> | Specific test data for the substance or mixture is not available. |
| <b>Ingestion</b>    | Specific test data for the substance or mixture is not available. |

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

|                                              |                           |
|----------------------------------------------|---------------------------|
| <b>Symptoms</b>                              | No information available. |
| <b>Acute toxicity</b>                        | No information available. |
| <b><u>Numerical measures of toxicity</u></b> | No information available. |

The following ATE values have been calculated for the mixture

|                               |                 |
|-------------------------------|-----------------|
| ATEmix (oral)                 | 18,167.70 mg/kg |
| ATEmix (dermal)               | 99,999.00 mg/kg |
| ATEmix (inhalation-gas)       | 859,163.20 ppm  |
| ATEmix (inhalation-vapor)     | 99,999.00 mg/l  |
| ATEmix (inhalation-dust/mist) | 99,999.00 mg/l  |

| Chemical name           | Oral LD50            | Dermal LD50 | Inhalation LC50                                      |
|-------------------------|----------------------|-------------|------------------------------------------------------|
| Ethyl alcohol (64-17-5) | = 7060 mg/kg ( Rat ) | -           | = 116.9 mg/L ( Rat ) 4 h<br>= 133.8 mg/L ( Rat ) 4 h |
| N-Butane (106-97-8)     | -                    | -           | = 658 g/m <sup>3</sup> ( Rat ) 4 h                   |
| Propane (74-98-6)       | -                    | -           | > 800000 ppm ( Rat ) 15 min                          |

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

|                                          |                           |
|------------------------------------------|---------------------------|
| <b>Skin corrosion/irritation</b>         | No information available. |
| <b>Serious eye damage/eye irritation</b> | No information available. |
| <b>Respiratory or skin sensitization</b> | No information available. |
| <b>Germ cell mutagenicity</b>            | No information available. |
| <b>Carcinogenicity</b>                   | No information available. |
| <b>Reproductive toxicity</b>             | No information available. |
| <b>STOT - single exposure</b>            | No information available. |
| <b>STOT - repeated exposure</b>          | No information available. |
| <b>Aspiration hazard</b>                 | No information available. |
| <b>Other adverse effects</b>             | No information available. |
| <b>Interactive effects</b>               | No information available. |

## **12. Ecological information**

|                           |                                                                                                |
|---------------------------|------------------------------------------------------------------------------------------------|
| <b><u>ecotoxicity</u></b> | 0.99 % of the mixture consists of ingredient(s) of unknown hazards to the aquatic environment. |
|---------------------------|------------------------------------------------------------------------------------------------|

| Chemical name           | Fish                                                                                                                                                                                         | Crustacea                                                                                     | Algae/aquatic plants | Toxicity to microorganisms                                |
|-------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------|----------------------|-----------------------------------------------------------|
| Ethyl alcohol (64-17-5) | 12.0 - 16.0: 96 h<br>Oncorhynchus mykiss<br>mg/L LC50 static<br>100: 96 h Pimephales<br>promelas mg/L LC50<br>static<br>13400 - 15100: 96 h<br>Pimephales promelas<br>mg/L LC50 flow-through | 9268 - 14221: 48 h<br>Daphnia magna mg/L<br>LC50<br>2: 48 h Daphnia magna<br>mg/L EC50 Static | -                    | EC50 = 34634 mg/L 30<br>min<br>EC50 = 35470 mg/L 5<br>min |

**Persistence and degradability** No information available.

**Bioaccumulative potential** No information available.

| Chemical name           | Partition coefficient | Bioconcentration factor (BCF) | Trophic magnification factor (TMF) |
|-------------------------|-----------------------|-------------------------------|------------------------------------|
| Ethyl alcohol (64-17-5) | -0.35                 | -                             | -                                  |
| N-Butane (106-97-8)     | 2.31                  | -                             | -                                  |
| Propane (74-98-6)       | 1.09                  | -                             | -                                  |

**Mobility in soil** No information available.

**Other adverse effects** No information available.

## 13. Disposal considerations

### Waste treatment 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

|                      |                    |
|----------------------|--------------------|
| UN/ID no             | Limited Quantity   |
| Proper Shipping Name | Consumer Commodity |
| Hazard Class         | ORM-D              |

### IATA

|                            |                     |
|----------------------------|---------------------|
| UN number or ID number     | UN1950              |
| Proper Shipping Name       | Aerosols, flammable |
| Transport hazard class(es) | 2.1                 |

**IMDG**

|                        |                     |
|------------------------|---------------------|
| UN number or ID number | UN1950              |
| Proper Shipping Name   | Aerosols, flammable |
| Hazard Class           | 2.1                 |

## 15. Regulatory information

### 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

|               |                                                   |
|---------------|---------------------------------------------------|
| DSL/NDL       | Contact supplier for inventory compliance status. |
| EINECS/ELINCS | Contact supplier for inventory compliance status. |
| ENCS          | Contact supplier for inventory compliance status. |
| IECSC         | Contact supplier for inventory compliance status. |
| KECL          | Contact supplier for inventory compliance status. |
| PICCS         | Contact supplier for inventory compliance status. |
| AICS          | Contact supplier for inventory compliance status. |
| NZIoC         | Contact supplier for inventory compliance status. |
| TCSI          | Contact supplier for inventory compliance status. |

#### **Legend:**

**TSCA** - United States Toxic Substances Control Act Section 8(b) Inventory  
**DSL/NDL** - Canadian Domestic Substances List/Non-Domestic Substances List  
**EINECS/ELINCS** - European Inventory of Existing Chemical Substances/European List of Notified Chemical Substances  
**ENCS** - Japan Existing and New Chemical Substances  
**IECSC** - China Inventory of Existing Chemical Substances  
**KECL** - Korean Existing and Evaluated Chemical Substances  
**PICCS** - Philippines Inventory of Chemicals and Chemical Substances  
**AICS** - Australian Inventory of Chemical Substances  
**NZIoC** - New Zealand Inventory of Chemicals  
**TCSI** - Taiwan Chemical Substance Inventory

### US Federal Regulations

#### **SARA 313**

Section 313 of Title III of the Superfund Amendments and Reauthorization Act of 1986 (SARA). This product does not contain any chemicals which are subject to the reporting requirements of the Act and Title 40 of the Code of Federal Regulations, Part 372.

#### **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 does not contain any substances regulated as pollutants pursuant to Clean Air Act (CAA).

#### 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

This product does not contain any substances regulated under applicable state right-to-know regulations

| Chemical name              | New Jersey | Massachusetts | Pennsylvania |
|----------------------------|------------|---------------|--------------|
| Water (7732-18-5)          | -          | -             | X            |
| Ethyl alcohol (64-17-5)    | X          | X             | X            |
| N-Butane (106-97-8)        | X          | X             | X            |
| Propane (74-98-6)          | X          | X             | X            |
| Sodium nitrite (7632-00-0) | X          | X             | X            |

#### U.S. EPA Label information

EPA Pesticide registration number 498-179

##### EPA Statement

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: **CAUTION: May cause eye irritation. Avoid contact with the eyes and skin. Avoid breathing of spray mist. Avoid contamination of foodstuff.**

## 16. Other information

|             |                         |                       |                           |                              |
|-------------|-------------------------|-----------------------|---------------------------|------------------------------|
| <b>NFPA</b> | <b>Health hazards</b> 0 | <b>Flammability</b> 0 | <b>Instability</b> 0      | <b>Special hazards</b> -     |
| <b>HMIS</b> | <b>Health hazards</b> 0 | <b>Flammability</b> 0 | <b>Physical hazards</b> 0 | <b>Personal protection</b> - |

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

|         |                                                                                                 |
|---------|-------------------------------------------------------------------------------------------------|
| 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. Agency for Toxic Substances and Disease Registry (ATSDR)  
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 National Institute of Technology and Evaluation (NITE)  
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)  
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)

**Prepared by** Regulatory Department  
**Revision date** 15-Jul-2026  
**Revision note** Not applicable.

**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.