



# SAFETY DATA SHEET

This safety data sheet was created pursuant to the requirements of:  
US OSHA Hazard Communication Standard (29 CFR 1910.1200) and Canada WHMIS  
2015 which includes the amended Hazardous Products Act (HPA) and the Hazardous  
Products Regulation (HPR)

Revision Date 10-Jan-2025

Version 1

## 1. Identification

### Product identifier

**Product Name** MEDIUM STRENGTH THREADLOCKER BLUE 50 ML

### Other means of identification

**Product Code** 24250

**Synonyms** None

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

**Recommended Use** Adhesive

**Restrictions on use** No information available

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

#### Manufacturer Address

ITW Permatex, Inc.  
6875 Parkland Blvd.  
Solon, Ohio 44139 USA  
Telephone: 1-87-Permatex  
(866) 732-9502

#### May Also Be Distributed by:

ITW Permatex Canada  
101-2360 Bristol Circle  
Oakville, ON Canada L6H 6M5  
Telephone: (800) 924-6994

**E-mail address** mail@permatex.com

### Emergency telephone number

**24 Hour Emergency Phone Number** Chem-Tel: 800-255-3924  
International Emergency:  
00+1+ 813-248-0585  
Contract Number: MIS0003453

**24-hour emergency phone number** No information available

## 2. Hazard(s) identification

### Classification

|                                                    |             |
|----------------------------------------------------|-------------|
| Skin corrosion/irritation                          | Category 2  |
| Serious eye damage/eye irritation                  | Category 2A |
| Carcinogenicity                                    | Category 1B |
| Specific target organ toxicity (repeated exposure) | Category 2  |

### Label elements

Contains CUMENE HYDROPEROXIDE; CUMENE; TITANIUM DIOXIDE



**Danger**

**Hazard statements**

Causes skin irritation.  
Causes serious eye irritation.  
May cause cancer.  
May cause damage to organs through prolonged or repeated exposure.

**Precautionary Statements - Prevention**

Obtain special instructions before use.  
Do not handle until all safety precautions have been read and understood.  
Use personal protective equipment as required.  
Wash face, hands and any exposed skin thoroughly after handling.  
Do not breathe dust.

**Precautionary Statements - Response**

IF exposed or concerned: Get medical advice/attention.  
Specific treatment (see .? 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 soap and water.  
If skin irritation occurs: Get medical advice and attention.  
Take off contaminated clothing and wash before reuse.

**Precautionary Statements - Storage**

Store locked up.

**Precautionary Statements - Disposal**

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

0 % of the mixture consists of ingredient(s) of unknown acute oral toxicity.  
0 % of the mixture consists of ingredient(s) of unknown acute dermal toxicity.  
4.525 % of the mixture consists of ingredient(s) of unknown acute inhalation toxicity (gas).  
4.525 % of the mixture consists of ingredient(s) of unknown acute inhalation toxicity (vapor).  
0 % of the mixture consists of ingredient(s) of unknown acute inhalation toxicity (dust/mist).

**Other Information**

No information available.

### 3. Composition/information on ingredients

**Substance**

Not applicable.

**Mixture**

| Chemical name | CAS No. | Weight-% | Hazardous Material<br>Information Review<br>Act registry number | Date HMIRA filed and<br>date exemption<br>granted (if applicable) |
|---------------|---------|----------|-----------------------------------------------------------------|-------------------------------------------------------------------|
|---------------|---------|----------|-----------------------------------------------------------------|-------------------------------------------------------------------|

|                      |            |        | (HMIRA registry #) |   |
|----------------------|------------|--------|--------------------|---|
| ETHYLENE GLYCOL      | 107-21-1   | 1-5%   | -                  | - |
| CUMENE HYDROPEROXIDE | 80-15-9    | 1-5%   | -                  | - |
| TITANIUM DIOXIDE     | 13463-67-7 | 0.1-1% | -                  | - |
| CUMENE               | 98-82-8    | 0.1-1% | -                  | - |

## 4. First-aid measures

### Description of first aid measures

|                                           |                                                                                                                                                                                                                                                                                     |
|-------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>General advice</b>                     | IF exposed or concerned: Get medical advice/attention. Show this safety data sheet to the doctor in attendance.                                                                                                                                                                     |
| <b>Inhalation</b>                         | Remove to fresh air. Get medical attention immediately if symptoms occur.                                                                                                                                                                                                           |
| <b>Eye contact</b>                        | Rinse immediately with plenty of water, also under the eyelids, for at least 15 minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Keep eye wide open while rinsing. Do not rub affected area. Get medical attention if irritation develops and persists. |
| <b>Skin contact</b>                       | Wash off immediately with soap and plenty of water for at least 15 minutes. Get medical attention if irritation develops and persists.                                                                                                                                              |
| <b>Ingestion</b>                          | Rinse mouth. Never give anything by mouth to an unconscious person. Do NOT induce vomiting. Call a physician.                                                                                                                                                                       |
| <b>Self-protection of the first aider</b> | Avoid contact with skin, eyes or clothing. Wear personal protective clothing (see section 8).                                                                                                                                                                                       |

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

|                            |                                                                                      |
|----------------------------|--------------------------------------------------------------------------------------|
| <b>Symptoms</b>            | May cause redness and tearing of the eyes. Burning sensation.                        |
| <b>Effects of Exposure</b> | May cause cancer. May cause damage to organs through prolonged or repeated exposure. |

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

|                           |                        |
|---------------------------|------------------------|
| <b>Note to physicians</b> | Treat symptomatically. |
|---------------------------|------------------------|

## 5. Fire-fighting measures

|                                                   |                                                                                                         |
|---------------------------------------------------|---------------------------------------------------------------------------------------------------------|
| <b>Suitable Extinguishing Media</b>               | Use extinguishing measures that are appropriate to local circumstances and the surrounding environment. |
| <b>Small Fire</b>                                 | In case of fire, use water spray, foam, dry chemical, or CO2.                                           |
| <b>Large Fire</b>                                 | In case of fire, use water spray, foam, dry chemical, or CO2.                                           |
| <b>Unsuitable extinguishing media</b>             | Do not scatter spilled material with high pressure water streams.                                       |
| <b>Specific hazards arising from the chemical</b> | No information available.                                                                               |
| <b>Hazardous combustion products</b>              | No information available.                                                                               |
| <b>Explosion data</b>                             |                                                                                                         |
| <b>Sensitivity to mechanical impact</b>           | None.                                                                                                   |
| <b>Sensitivity to static discharge</b>            | 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** Avoid contact with skin, eyes or clothing. Ensure adequate ventilation. Use personal protective equipment as required.

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

### 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. Avoid contact with skin, eyes or clothing. 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.

## 8. Exposure controls/personal protection

### Control Parameters

#### Exposure Limits

| Chemical name                  | ACGIH TLV                                                                                                                                      | OSHA PEL                                                                                                                           | NIOSH                                                                                                                                                       |
|--------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------|
| ETHYLENE GLYCOL<br>107-21-1    | TWA: 25 ppm vapor fraction<br>STEL: 50 ppm vapor fraction<br>STEL: 10 mg/m <sup>3</sup> inhalable<br>particulate matter, aerosol<br>only       | (vacated) Ceiling: 50 ppm<br>(vacated) Ceiling: 125 mg/m <sup>3</sup>                                                              | -                                                                                                                                                           |
| TITANIUM DIOXIDE<br>13463-67-7 | TWA: 0.2 mg/m <sup>3</sup> nanoscale<br>respirable particulate matter<br>TWA: 2.5 mg/m <sup>3</sup> finescale<br>respirable particulate matter | TWA: 15 mg/m <sup>3</sup> total dust<br>(vacated) TWA: 10 mg/m <sup>3</sup><br>total dust                                          | IDLH: 5000 mg/m <sup>3</sup><br>TWA: 2.4 mg/m <sup>3</sup> CIB 63 fine<br>TWA: 0.3 mg/m <sup>3</sup> CIB 63<br>ultrafine, including engineered<br>nanoscale |
| CUMENE<br>98-82-8              | TWA: 5 ppm                                                                                                                                     | TWA: 50 ppm<br>TWA: 245 mg/m <sup>3</sup><br>(vacated) TWA: 50 ppm<br>(vacated) TWA: 245 mg/m <sup>3</sup><br>(vacated) Sk*<br>Sk* | IDLH: 900 ppm<br>TWA: 50 ppm<br>TWA: 245 mg/m <sup>3</sup>                                                                                                  |

| Chemical name                  | Alberta                                   | British Columbia                                                                                             | Ontario                                                   | Quebec                                            |
|--------------------------------|-------------------------------------------|--------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------|---------------------------------------------------|
| ETHYLENE GLYCOL<br>107-21-1    | Ceiling: 100 mg/m <sup>3</sup>            | TWA: 10 mg/m <sup>3</sup><br>STEL: 20 mg/m <sup>3</sup><br>Ceiling: 100 mg/m <sup>3</sup><br>Ceiling: 50 ppm | TWA: 25 ppm<br>STEL: 50 ppm<br>STEL: 10 mg/m <sup>3</sup> | Ceiling: 50 ppm<br>Ceiling: 127 mg/m <sup>3</sup> |
| TITANIUM DIOXIDE<br>13463-67-7 | TWA: 10 mg/m <sup>3</sup>                 | TWA: 10 mg/m <sup>3</sup><br>TWA: 3 mg/m <sup>3</sup>                                                        | TWA: 10 mg/m <sup>3</sup>                                 | TWA: 10 mg/m <sup>3</sup>                         |
| CUMENE<br>98-82-8              | TWA: 50 ppm<br>TWA: 246 mg/m <sup>3</sup> | TWA: 25 ppm<br>STEL: 75 ppm                                                                                  | TWA: 50 ppm                                               | TWA: 5 ppm                                        |

| Chemical name    | Manitoba                                                  | New Brunswick                  | Newfoundland and Labrador                                 | Nova Scotia                                               |
|------------------|-----------------------------------------------------------|--------------------------------|-----------------------------------------------------------|-----------------------------------------------------------|
| ETHYLENE GLYCOL  | TWA: 25 ppm<br>STEL: 50 ppm<br>STEL: 10 mg/m <sup>3</sup> | Ceiling: 100 mg/m <sup>3</sup> | TWA: 25 ppm<br>STEL: 50 ppm<br>STEL: 10 mg/m <sup>3</sup> | TWA: 25 ppm<br>STEL: 50 ppm<br>STEL: 10 mg/m <sup>3</sup> |
| TITANIUM DIOXIDE | TWA: 0.2 mg/m <sup>3</sup><br>TWA: 2.5 mg/m <sup>3</sup>  | TWA: 10 mg/m <sup>3</sup>      | TWA: 0.2 mg/m <sup>3</sup><br>TWA: 2.5 mg/m <sup>3</sup>  | TWA: 0.2 mg/m <sup>3</sup><br>TWA: 2.5 mg/m <sup>3</sup>  |
| CUMENE           | TWA: 5 ppm                                                | TWA: 50 ppm                    | TWA: 5 ppm                                                | TWA: 5 ppm                                                |

| Chemical name    | Nunavut                                                 | Prince Edward Island                                      | Saskatchewan                                            | Yukon                                                                                                                                                                 |
|------------------|---------------------------------------------------------|-----------------------------------------------------------|---------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| ETHYLENE GLYCOL  | Ceiling: 100 mg/m <sup>3</sup>                          | TWA: 25 ppm<br>STEL: 50 ppm<br>STEL: 10 mg/m <sup>3</sup> | Ceiling: 100 mg/m <sup>3</sup>                          | TWA: 10 mg/m <sup>3</sup><br>TWA: 100 ppm<br>TWA: 250 mg/m <sup>3</sup><br>STEL: 10 ppm<br>STEL: 20 mg/m <sup>3</sup><br>STEL: 125 ppm<br>STEL: 325 mg/m <sup>3</sup> |
| TITANIUM DIOXIDE | TWA: 10 mg/m <sup>3</sup><br>STEL: 20 mg/m <sup>3</sup> | TWA: 0.2 mg/m <sup>3</sup><br>TWA: 2.5 mg/m <sup>3</sup>  | TWA: 10 mg/m <sup>3</sup><br>STEL: 20 mg/m <sup>3</sup> | TWA: 30 mppcf<br>TWA: 10 mg/m <sup>3</sup><br>STEL: 20 mg/m <sup>3</sup>                                                                                              |
| CUMENE           | TWA: 50 ppm<br>STEL: 74 ppm                             | TWA: 5 ppm                                                | TWA: 50 ppm<br>STEL: 74 ppm                             | TWA: 50 ppm<br>TWA: 245 mg/m <sup>3</sup><br>STEL: 75 ppm<br>STEL: 365 mg/m <sup>3</sup><br>Sk*                                                                       |

### Appropriate engineering controls

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

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

**Eye/face protection**                      If splashes are likely to occur, wear safety glasses with side-shields.

**Hand protection**                              Wear suitable gloves. Impervious gloves.

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

**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.

|                                |                                                                                                                                                                                                                   |
|--------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| General hygiene considerations | Do not eat, drink or smoke when using this product. Wash hands before breaks and immediately after handling the product. Wear suitable gloves and eye/face protection. Avoid contact with skin, eyes or clothing. |
| Thermal hazards                | No information available.                                                                                                                                                                                         |

## 9. Physical and chemical properties

### Information on basic physical and chemical properties

|                |                          |
|----------------|--------------------------|
| Physical state | Liquid                   |
| Appearance     | No information available |
| Color          | Blue                     |
| Odor           | No information available |
| Odor threshold | No information available |

| Property                       | Values                  | Remarks • Method    |
|--------------------------------|-------------------------|---------------------|
| pH                             | No data available       |                     |
| Melting point / freezing point | No data available       |                     |
| Boiling point / boiling range  | > 200 °C / 392 °F       |                     |
| Flash point                    | 131 °C / 267.8 °F       |                     |
| Evaporation rate               | Not applicable          |                     |
| Flammability (solid, gas)      | No data available       |                     |
| Flammability Limit in Air      |                         |                     |
| Upper flammability limit:      | No data available       | -                   |
| Lower flammability limit:      | No data available       | -                   |
| Vapor pressure                 | No Data Available       |                     |
| Vapor density                  | No data available       |                     |
| Relative density               | 1.01                    |                     |
| Water solubility               | No data available       | Immiscible in water |
| Solubility(ies)                | No Data Available       |                     |
| Partition coefficient          | No Data Available       |                     |
| Autoignition temperature       | No data available       |                     |
| Decomposition temperature      | No data available       |                     |
| Kinematic viscosity            | No Data Available       |                     |
| Dynamic viscosity              | 1,100 mPas @20°C (68°F) |                     |

### Other information

|                      |                          |
|----------------------|--------------------------|
| Explosive properties | No information available |
| Oxidizing properties | No information available |
| Softening point      | No information available |
| Molecular weight     | No information available |
| VOC content          | 3%                       |
| Density              | No information available |
| Bulk density         | No information available |

## 10. Stability and reactivity

|                                    |                                 |
|------------------------------------|---------------------------------|
| Reactivity                         | No information available.       |
| Chemical stability                 | Stable under normal conditions. |
| Possibility of hazardous reactions | None under normal processing.   |
| Hazardous polymerization           | No information available.       |

**Conditions to avoid** None known based on information supplied.

**Incompatible materials** Strong acids. Strong bases. Strong oxidizing agents.

**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. May cause irritation of respiratory tract.

**Eye contact** Specific test data for the substance or mixture is not available. Causes serious eye irritation. (based on components). May cause redness, itching, and pain.

**Skin contact** Specific test data for the substance or mixture is not available. Causes skin irritation. (based on components).

**Ingestion** Specific test data for the substance or mixture is not available. Ingestion may cause gastrointestinal irritation, nausea, vomiting and diarrhea.

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

**Symptoms** Redness. May cause redness and tearing of the eyes.

### Acute toxicity

#### Numerical measures of toxicity

#### The following ATE values have been calculated for the mixture

ATEmix (oral) 9,707.80 mg/kg  
ATEmix (dermal) 48,152.00 mg/kg  
ATEmix (inhalation-gas) 99,999.00 ppm  
ATEmix (inhalation-vapor) 99,999.0000 mg/l  
ATEmix (inhalation-dust/mist) 21.238 mg/l

0 % of the mixture consists of ingredient(s) of unknown acute oral toxicity  
0 % of the mixture consists of ingredient(s) of unknown acute dermal toxicity  
4.525 % of the mixture consists of ingredient(s) of unknown acute inhalation toxicity (gas)  
4.525 % of the mixture consists of ingredient(s) of unknown acute inhalation toxicity (vapor)  
0 % of the mixture consists of ingredient(s) of unknown acute inhalation toxicity (dust/mist)

#### Component Information

| Chemical name                   | Oral LD50            | Dermal LD50              | Inhalation LC50         |
|---------------------------------|----------------------|--------------------------|-------------------------|
| ETHYLENE GLYCOL<br>107-21-1     | = 4700 mg/kg ( Rat ) | = 10600 mg/kg ( Rat )    | > 2.5 mg/L ( Rat ) 6 h  |
| CUMENE HYDROPEROXIDE<br>80-15-9 | = 382 mg/kg ( Rat )  | = 0.126 mL/kg ( Rabbit ) | = 220 ppm ( Rat ) 4 h   |
| TITANIUM DIOXIDE<br>13463-67-7  | > 2000 mg/kg ( Rat ) | -                        | > 5.09 mg/L ( Rat ) 4 h |
| CUMENE<br>98-82-8               | = 1400 mg/kg ( Rat ) | = 12300 µL/kg ( Rabbit ) | > 3577 ppm ( Rat ) 6 h  |

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

|                                          |                                                                                                                     |
|------------------------------------------|---------------------------------------------------------------------------------------------------------------------|
| <b>Skin corrosion/irritation</b>         | Classification based on data available for ingredients. Causes skin irritation.                                     |
| <b>Serious eye damage/eye irritation</b> | Classification based on data available for ingredients. Causes serious eye irritation.                              |
| <b>Respiratory or skin sensitization</b> | No information available.                                                                                           |
| <b>Germ cell mutagenicity</b>            | No information available.                                                                                           |
| <b>Carcinogenicity</b>                   | 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 |
|--------------------------------|-------|----------|------------------------|------|
| TITANIUM DIOXIDE<br>13463-67-7 | A3    | Group 2B | -                      | X    |
| CUMENE<br>98-82-8              | A3    | Group 2B | Reasonably Anticipated | X    |

**Legend**

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

A3 - Animal Carcinogen

**IARC (International Agency for Research on Cancer)**

Group 2B - Possibly Carcinogenic to Humans

**NTP (National Toxicology Program)**

Reasonably Anticipated - Reasonably Anticipated to be a Human Carcinogen

**Occupational Safety and Health Administration of the US Department of Labor**

X - Present

|                                 |                                                                    |
|---------------------------------|--------------------------------------------------------------------|
| <b>Reproductive toxicity</b>    | No information available.                                          |
| <b>STOT - single exposure</b>   | No information available.                                          |
| <b>STOT - repeated exposure</b> | May cause damage to organs through prolonged or repeated exposure. |
| <b>Aspiration hazard</b>        | No information available.                                          |

**12. Ecological information****Ecotoxicity**

| Chemical name               | Algae/aquatic plants                                                   | Fish                                                                                                                                                                                                | Toxicity to microorganisms | Crustacea                                |
|-----------------------------|------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------|------------------------------------------|
| ETHYLENE GLYCOL<br>107-21-1 | EC50: 6500 -<br>13000mg/L (96h,<br>Pseudokirchneriella<br>subcapitata) | LC50: =41000mg/L<br>(96h, Oncorhynchus<br>mykiss)<br>LC50: 14 - 18mL/L (96h,<br>Oncorhynchus mykiss)<br>LC50: =27540mg/L<br>(96h, Lepomis<br>macrochirus)<br>LC50: =40761mg/L<br>(96h, Oncorhynchus | -                          | EC50: =46300mg/L<br>(48h, Daphnia magna) |

|                                 |                                                             |                                                                                                                                                                                                        |   |                                                                                        |
|---------------------------------|-------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---|----------------------------------------------------------------------------------------|
|                                 |                                                             | mykiss)<br>LC50: 40000 -<br>60000mg/L (96h,<br>Pimephales promelas)<br>LC50: =16000mg/L<br>(96h, Poecilia reticulata)                                                                                  |   |                                                                                        |
| CUMENE HYDROPEROXIDE<br>80-15-9 | -                                                           | LC50: =3.9mg/L (96h,<br>Oncorhynchus mykiss)                                                                                                                                                           | - | -                                                                                      |
| CUMENE<br>98-82-8               | EC50: =2.6mg/L (72h,<br>Pseudokirchneriella<br>subcapitata) | LC50: 6.04 - 6.61mg/L<br>(96h, Pimephales<br>promelas)<br>LC50: =4.8mg/L (96h,<br>Oncorhynchus mykiss)<br>LC50: =2.7mg/L (96h,<br>Oncorhynchus mykiss)<br>LC50: =5.1mg/L (96h,<br>Poecilia reticulata) | - | EC50: =0.6mg/L (48h,<br>Daphnia magna)<br>EC50: 7.9 - 14.1mg/L<br>(48h, Daphnia magna) |

**Persistence and degradability** No information available.

#### Bioaccumulation

#### Component Information

| Chemical name                   | Partition coefficient |
|---------------------------------|-----------------------|
| ETHYLENE GLYCOL<br>107-21-1     | -1.36                 |
| CUMENE HYDROPEROXIDE<br>80-15-9 | 1.6                   |
| CUMENE<br>98-82-8               | 3.55                  |

**Other adverse effects** No information available.

### 13. Disposal considerations

#### Waste treatment methods

|                                            |                                                                                                                                      |
|--------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------|
| <b>Waste from residues/unused products</b> | Dispose of in accordance with local regulations. Dispose of waste in accordance with environmental legislation.                      |
| <b>Contaminated packaging</b>              | Do not reuse empty containers.                                                                                                       |
| <b>US EPA Waste Number</b>                 | Waste designations and classifications should be determined by the end user based on the application for which the product was used. |
| <b>California waste information</b>        | This product contains one or more substances that are listed with the State of California as a hazardous waste.                      |

### 14. Transport information

|            |               |
|------------|---------------|
| <b>DOT</b> | Not regulated |
| <b>TDG</b> | Not regulated |
| <b>MEX</b> | 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

|               |                 |
|---------------|-----------------|
| TSCA          | Complies        |
| DSL/NDSL      | Complies        |
| EINECS/ELINCS | Does not comply |
| ENCS          | Does not comply |
| IECSC         | Complies        |
| KECI          | Complies        |
| PICCS         | Complies        |
| AICS          | Complies        |
| NZIoC         | Complies        |

#### Legend:

**TSCA** - United States Toxic Substances Control Act Section 8(b) Inventory

**DSL/NDSL** - 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 Chemicals Inventory

**PICCS** - Philippines Inventory of Chemicals and Chemical Substances

**AICS** - Australian Inventory of Chemical Substances

**NZIoC** - New Zealand Inventory of Chemicals

#### 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 - 107-21-1     | 1.0                           |
| CUMENE HYDROPEROXIDE - 80-15-9 | 1.0                           |
| SACCHARIN - 81-07-2            | 1.0                           |
| CUMENE - 98-82-8               | 0.1                           |

##### 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).

**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)                   |
|---------------------------------|--------------------------|------------------------------------|--------------------------------------------|
| ETHYLENE GLYCOL<br>107-21-1     | 5000 lb                  | -                                  | RQ 5000 lb final RQ<br>RQ 2270 kg final RQ |
| CUMENE HYDROPEROXIDE<br>80-15-9 | 10 lb                    | -                                  | RQ 10 lb final RQ<br>RQ 4.54 kg final RQ   |
| CUMENE<br>98-82-8               | 5000 lb                  | -                                  | RQ 5000 lb final RQ<br>RQ 2270 kg final RQ |

**US State Regulations****California Proposition 65**

This product contains the following Proposition 65 chemicals:

| Chemical name                 | California Proposition 65                                    |
|-------------------------------|--------------------------------------------------------------|
| ETHYLENE GLYCOL - 107-21-1    | Developmental                                                |
| TITANIUM DIOXIDE - 13463-67-7 | *Carcinogen (airborne, unbound particles of respirable size) |
| CUMENE - 98-82-8              | Carcinogen                                                   |

\*The asterisked chemical(s) listed are not subject to Proposition 65 because they are not airborne in the finished product

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

| Chemical name                   | New Jersey | Massachusetts | Pennsylvania |
|---------------------------------|------------|---------------|--------------|
| ETHYLENE GLYCOL<br>107-21-1     | X          | X             | X            |
| CUMENE HYDROPEROXIDE<br>80-15-9 | X          | X             | X            |
| SACCHARIN<br>81-07-2            | X          | X             | X            |
| PROPYLENE GLYCOL<br>57-55-6     | X          | -             | X            |
| TITANIUM DIOXIDE<br>13463-67-7  | X          | X             | X            |
| CUMENE<br>98-82-8               | X          | X             | X            |
| 1,4-NAPHTHOQUINONE<br>130-15-4  | X          | X             | X            |
| 2-BUTOXYETHANOL<br>111-76-2     | X          | X             | X            |

**U.S. EPA Label Information**

EPA Pesticide Registration Number Not applicable

**16. Other information****NFPA**

Health hazards 2

Flammability 1

Instability 0

Special hazards -

**HMIS**

Health hazards 2 \*

Flammability 1

Physical hazards 0

Personal protection X

Chronic Hazard Star Legend

\* = Chronic Health Hazard

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

**Legend**

SVHC: Substances of Very High Concern for Authorization:  
PBT: Persistent, Bioaccumulative, and Toxic (PBT) Substances  
vPvB: Very Persistent and very Bioaccumulative (vPvB) Substances  
STOT: Specific Target Organ Toxicity  
ATE: Acute Toxicity Estimate  
LC50: 50% Lethal Concentration  
LD50: 50% Lethal Dose

**Legend Section 8: EXPOSURE CONTROLS/PERSONAL PROTECTION**

|         |                             |      |                                  |
|---------|-----------------------------|------|----------------------------------|
| TWA     | TWA (time-weighted average) | STEL | STEL (Short Term Exposure Limit) |
| Ceiling | Maximum limit value         | *    | Skin designation                 |
| +       | Sensitizers                 |      |                                  |

**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)  
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)  
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)  
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

**Revision Date** 10-Jan-2025

**Revision Note** No information available.

**Disclaimer**

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