



# MSDS SUPPLEMENT TO GHS REGULATIONS

To comply with the Hazardous Substance and New Organisms Act, this coversheet offers New Zealand specific information. This page “0”, is to be considered part of the MSDS.

## PRODUCT NAME & COMPANY IDENTIFICATION

| Product Name       | Date of Issue |
|--------------------|---------------|
| RUST GUARD AEROSOL | 06/01/2025    |

|                      |  |
|----------------------|--|
| <b>Company Name:</b> | <b>Industrial Lubricants &amp; Services NZ Ltd</b><br>1/15 Accent Drive<br>East Tamaki<br>Auckland, 2013 |
|----------------------|--|

|                           |  |
|---------------------------|--|
| <b>Emergency Contact:</b> | <b>National Poisons Centre - NZ</b><br>0800 764 766 or Chemcall 0800 243 622 |
|---------------------------|--|

## Hazard Identification

As per Hazardous Substances (Hazard Classification) Notice 2020, this material is classified as:

GHS 7 / REACH      Flammable Aerosol Cat. 1      Skin corrosion/irritation Cat. 2  
 Carcinogenicity Cat. 2      STOT Cat . 3  
 Aspiration Hazard Cat. 1

Under the Transport of Dangerous Goods on Land NZS 5433:2020 this product is considered Dangerous Goods for Transport:

UN1950      Class 2.1      No Packing Group  
 Proper Shipping name:      AEROSOLS

## Other Information

|                   |                |
|-------------------|----------------|
| HSN (Tariff Code) | 2710.12.59 19B |
| Shelf Life        | 5 Years        |

**INDUSTRIAL LUBRICANTS & SERVICES**

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**RUST GUARD AEROSOL**  
Issue Date: 06/01/2025

## Safety Data Sheet

according to Federal Register / Vol. 77, No. 58 / Monday, March 26, 2012 / Rules and Regulations  
 Issue date: 9/8/2020 Revision date: 1/6/2025 Supersedes: 8/16/2024 Version: 2.7

### SECTION 1: Identification

#### 1.1. Identification

Product form : Mixture  
 Trade name : RUST-GUARD™ AEROSOL

#### 1.2. Recommended use and restrictions on use

Use of the substance/mixture : Lubricant  
 Recommended use : Lubricants, Greases and Release Products

#### 1.3. Supplier

##### Supplier

Whitmore Manufacturing LLC  
 930 Whitmore Drive  
 Rockwall, Texas, 75087  
 USA  
 T 1.972.771.1000  
[Regulatory@whitmores.com](mailto:Regulatory@whitmores.com) - [www.jetlube.com](http://www.jetlube.com)

#### 1.4. Emergency telephone number

Emergency number : For Chemical Emergency Call CHEMTREC 24hr/day 7days/week  
 Within USA and Canada: 1.800.424.9300  
 Outside USA and Canada: +1.703.527.3887  
 (collect calls accepted)

### SECTION 2: Hazard(s) identification

#### 2.1. Classification of the substance or mixture

##### GHS US classification

|  |      |  |
|--|------|--|
| Flammable aerosol Category 1   | H222 | Extremely flammable aerosol                  |
| Skin corrosion/irritation Category 2                                   | H315 | Causes skin irritation                       |
| Carcinogenicity Category 2   | H351 | Suspected of causing cancer                  |
| Specific target organ toxicity – Single exposure, Category 3, Narcosis | H336 | May cause drowsiness or dizziness            |
| Aspiration hazard Category 1   | H304 | May be fatal if swallowed and enters airways |

Full text of H statements : see section 16

#### 2.2. GHS Label elements, including precautionary statements

##### GHS US labeling

Hazard pictograms (GHS US) :

Signal word (GHS US) : Danger

Hazard statements (GHS US) : H222 - Extremely flammable aerosol  
 H304 - May be fatal if swallowed and enters airways  
 H315 - Causes skin irritation  
 H336 - May cause drowsiness or dizziness  
 H351 - Suspected of causing cancer

Precautionary statements (GHS US) : P201 - Obtain special instructions before use.  
 P202 - Do not handle until all safety precautions have been read and understood.  
 P210 - Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking.  
 P211 - Do not spray on an open flame or other ignition source.  
 P251 - Pressurized container: Do not pierce or burn, even after use.  
 P261 - Avoid breathing dust/fume/gas/mist/vapors/spray.  
 P264 - Wash hands, forearms and face thoroughly after handling.  
 P271 - Use only outdoors or in a well-ventilated area.  
 P280 - Wear protective gloves/protective clothing/eye protection/face protection.  
 P301+P310 - If swallowed: Immediately call a poison center or doctor.  
 P302+P352 - If on skin: Wash with plenty of water.  
 P304+P340 - If inhaled: Remove person to fresh air and keep comfortable for breathing.  
 P308+P313 - If exposed or concerned: Get medical advice/attention.  
 P312 - Call a poison center or doctor if you feel unwell.  
 P321 - Specific treatment (see supplemental first aid instruction on this label).

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P331 - Do NOT induce vomiting.  
P332+P313 - If skin irritation occurs: Get medical advice/attention.  
P362+P364 - Take off contaminated clothing and wash it before reuse.  
P403+P233 - Store in a well-ventilated place. Keep container tightly closed.  
P405 - Store locked up.  
P410+P412 - Protect from sunlight. Do not expose to temperatures exceeding 50°C/122°F.  
P501 - Dispose of contents/container to hazardous or special waste collection point, in accordance with local, regional, national and/or international regulation.

### 2.3. Other hazards which do not result in classification

No additional information available

### 2.4. Unknown acute toxicity (GHS US)

No additional information available

## SECTION 3: Composition/Information on ingredients

### 3.1. Substances

Not applicable

### 3.2. Mixtures

| Name                                    | Product identifier  | %                     | GHS US classification   |
|---|---------------------|-----------------------|---|
| Stoddardsolvent (petroleum)<br>(Note P) | CAS-No.: 8052-41-3  | 18.9891 –<br>25.3188  | Flam. Liq. 3, H226<br>Skin Irrit. 2, H315<br>STOT SE 3, H336<br>Asp. Tox. 1, H304 |
| naphtha, heavy aromatic<br>(Note H)     | CAS-No.: 64742-94-5 | 20 - 30               | Flam. Liq. 4, H227<br>Asp. Tox. 1, H304   |
| naphthalene                             | CAS-No.: 91-20-3    | 0.023949 –<br>0.24381 | Acute Tox. 4 (Oral), H302<br>Carc. 2, H351  |

Note H: The classification and labelling shown for this substance applies to the hazardous property(ies) indicated by the hazard statement(s) in combination with the hazard class(es) and category(ies) shown. The requirements of Article 4 for manufacturers, importers or downstream users of this substance apply to all other hazard classes and categories. For hazard classes where the route of exposure or the nature of the effects leads to a differentiation of the classification of the hazard class, the manufacturer, importer or downstream user is required to consider the routes of exposure or the nature of the effects not already considered.

Note P: Note P : The classification as a carcinogen or mutagen need not apply if it can be shown that the substance contains less than 0,1 % w/w benzene (EINECS No 200-753-7). When the substance is not classified as a carcinogen at least the precautionary statements (P102-)-P260-P262- P301 + P310-P331 (Table 3.1) or the S-phrases (2-)-23-24-62 (Table 3.2) shall apply. This note applies only to certain complex oil-derived substances in Part 3.

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

## SECTION 4: First-aid measures

### 4.1. Description of first aid measures

First-aid measures general : Call a physician immediately.  
First-aid measures after inhalation : Remove person to fresh air and keep comfortable for breathing.  
First-aid measures after skin contact : Wash skin with plenty of water. Take off contaminated clothing. If skin irritation occurs: Get medical advice/attention.  
First-aid measures after eye contact : Rinse eyes with water as a precaution.  
First-aid measures after ingestion : Do not induce vomiting. Call a physician immediately.

### 4.2. Most important symptoms and effects (acute and delayed)

Symptoms/effects : May cause drowsiness or dizziness.  
Symptoms/effects after skin contact : Irritation.  
Symptoms/effects after ingestion : Risk of lung edema.

### 4.3. Immediate medical attention and special treatment, if necessary

Treat symptomatically.

## SECTION 5: Fire-fighting measures

### 5.1. Suitable (and unsuitable) extinguishing media

Suitable extinguishing media : Water spray. Dry powder. Foam. Carbon dioxide.

### 5.2. Specific hazards arising from the chemical

Fire hazard : Extremely flammable aerosol.

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Hazardous decomposition products in case of fire : Toxic fumes may be released.

### 5.3. Special protective equipment and precautions for fire-fighters

Protection during firefighting : Do not attempt to take action without suitable protective equipment. Self-contained breathing apparatus. Complete protective clothing.

## SECTION 6: Accidental release measures

### 6.1. Personal precautions, protective equipment and emergency procedures

#### 6.1.1. For non-emergency personnel

Emergency procedures : Exercise caution. Spill area may be slippery. No open flames, no sparks, and no smoking. Avoid breathing dust/fume/gas/mist/vapors/spray. Avoid contact with skin and eyes.

#### 6.1.2. For emergency responders

Protective equipment : Do not attempt to take action without suitable protective equipment. For further information refer to section 8: "Exposure controls/personal protection".

### 6.2. Environmental precautions

Avoid release to the environment.

### 6.3. Methods and material for containment and cleaning up

Methods for cleaning up : Mechanically recover the product.

Other information : Dispose of materials or solid residues at an authorized site.

### 6.4. Reference to other sections

For further information refer to section 13.

## SECTION 7: Handling and storage

### 7.1. Precautions for safe handling

Precautions for safe handling : Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking. Do not spray on an open flame or other ignition source. Pressurized container: Do not pierce or burn, even after use. Use only outdoors or in a well-ventilated area. Avoid breathing dust/fume/gas/mist/vapors/spray. Avoid contact with skin and eyes. Wear personal protective equipment.

Hygiene measures : Wash contaminated clothing before reuse. Do not eat, drink or smoke when using this product. Always wash hands after handling the product.

### 7.2. Conditions for safe storage, including any incompatibilities

Storage conditions : Protect from sunlight. Do not expose to temperatures exceeding 50 °C/ 122 °F. Store locked up. Store in a well-ventilated place. Keep container tightly closed. Keep cool.

## SECTION 8: Exposure controls/personal protection

### 8.1. Control parameters

| Stoddardsolvent (petroleum) (8052-41-3)           |   |
|---|---|
| <b>USA - ACGIH - Occupational Exposure Limits</b> |   |
| Local name  | Stoddard solvent  |
| ACGIH OEL TWA                                     | 100 ppm   |
| Remark (ACGIH)                                    | TLV® Basis: Eye, skin, & kidney dam; nausea; CNS impair |
| Regulatory reference                              | ACGIH 2021  |
| <b>USA - OSHA - Occupational Exposure Limits</b>  |   |
| Local name  | Stoddard solvent  |
| OSHA PEL TWA                                      | 2900 mg/m <sup>3</sup>                                  |
|   | 500 ppm   |
| Regulatory reference (US-OSHA)                    | OSHA Annotated Table Z-1                                |
| <b>naphthalene (91-20-3)</b>                      |   |
| <b>USA - ACGIH - Occupational Exposure Limits</b> |   |
| Local name  | Naphthalene   |
| ACGIH OEL TWA                                     | 10 ppm  |

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| naphthalene (91-20-3)  |   |   |                 |             |
|--|---|---|-----------------|-------------|
| Remark (ACGIH)   |   | TLV® Basis: URT irr; cararacts; hemolytic anemia. Notations: Skin; A3 (Confirmed Animal Carcinogen with Unknown Relevance to Humans); BEI |                 |             |
| Regulatory reference   |   | ACGIH 2021  |                 |             |
| USA - OSHA - Occupational Exposure Limits                                |   |   |                 |             |
| Local name   |   | Naphthalene   |                 |             |
| OSHA PEL TWA   |   | 50 mg/m <sup>3</sup><br>10 ppm  |                 |             |
| Regulatory reference (US-OSHA)   |   | OSHA Annotated Table Z-1  |                 |             |
| 8.2. Appropriate engineering controls                                    |   |   |                 |             |
| Appropriate engineering controls   |   | : Ensure good ventilation of the work station.  |                 |             |
| Environmental exposure controls  |   | : Avoid release to the environment.   |                 |             |
| 8.3. Individual protection measures/Personal protective equipment        |   |   |                 |             |
| Materials for protective clothing:                                       |   |   |                 |             |
| Wear protective clothing   |   |   |                 |             |
| Hand protection:   |   |   |                 |             |
| Neoprene or nitrile rubber gloves. Neoprene or nitrile rubber gloves     |   |   |                 |             |
| Type   | Material  | Permeation  | Thickness (mm)  | Penetration |
| Disposable gloves  | Nitrile rubber (NBR),<br>Neoprene rubber (HNBR) | 2 (> 30 minutes)  | 0.3 mm - 0.6 mm |             |
| Eye protection:  |   |   |                 |             |
| Wear eye protection  |   |   |                 |             |
| Skin and body protection:  |   |   |                 |             |
| Wear suitable protective clothing  |   |   |                 |             |
| Respiratory protection:  |   |   |                 |             |
| In case of insufficient ventilation, wear suitable respiratory equipment |   |   |                 |             |

## SECTION 9: Physical and chemical properties

### 9.1. Information on basic physical and chemical properties

|   |                                |
|---|--------------------------------|
| Physical state                                  | : Liquid                       |
| Appearance                                      | : Aerosols.                    |
| Color   | : Blue                         |
| Odor  | : solvent-like                 |
| Odor threshold                                  | : No data available            |
| pH  | : 7                            |
| Melting point                                   | : Not applicable               |
| Freezing point                                  | : -50 °C                       |
| Boiling point                                   | : 157 °C                       |
| Flash point                                     | : > 60 °C                      |
| Relative evaporation rate (butyl acetate=1)     | : No data available            |
| Flammability (solid, gas)                       | : Extremely flammable aerosol. |
| Vapor pressure                                  | : No data available            |
| Relative vapor density at 20°C                  | : No data available            |
| Relative density                                | : No data available            |
| Solubility                                      | : insoluble in water.          |
| Partition coefficient n-octanol/water (Log Pow) | : No data available            |
| Auto-ignition temperature                       | : No data available            |

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|                           |                                  |
|---------------------------|----------------------------------|
| Decomposition temperature | : No data available              |
| Viscosity, kinematic      | : < 20 mm <sup>2</sup> /s @ 40 C |
| Viscosity, dynamic        | : No data available              |
| Explosion limits          | : No data available              |
| Explosive properties      | : No data available              |
| Oxidizing properties      | : No data available              |

### 9.2. Other information

|           |                     |
|-----------|---------------------|
| Gas group | : Press. Gas (Liq.) |
|-----------|---------------------|

## SECTION 10: Stability and reactivity

### 10.1. Reactivity

Extremely flammable aerosol.

### 10.2. Chemical stability

Stable under normal conditions.

### 10.3. Possibility of hazardous reactions

No dangerous reactions known under normal conditions of use.

### 10.4. Conditions to avoid

Avoid contact with hot surfaces. Heat. No flames, no sparks. Eliminate all sources of ignition.

### 10.5. Incompatible materials

No additional information available

### 10.6. Hazardous decomposition products

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

## SECTION 11: Toxicological information

### 11.1. Information on toxicological effects

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

| naphtha,heavy aromatic (64742-94-5) |   |
|-------------------------------------|---|
| LD50 dermal rat                     | > 2000 mg/kg body weight Animal: rat, Guideline: OECD Guideline 402 (Acute Dermal Toxicity), Guideline: other:EPA Fed Reg Vol 50, No. 188 1985 and as amended in Fed Reg Vol 52, No. 97, 1987 |
| LD50 dermal rabbit                  | > 2000 mg/kg body weight Animal: rabbit, Guideline: EPA OTS 798.1100 (Acute Dermal Toxicity)  |
| LD50 dermal                         | 3160 mg/kg  |
| ATE US (dermal)                     | 3160 mg/kg body weight  |

| Stoddardsolvent (petroleum) (8052-41-3) |                                   |
|---|-----------------------------------|
| LD50 oral rat                           | > 5000 mg/kg (Rat, Oral)          |
| LD50 dermal rabbit                      | > 3000 mg/kg (Rabbit, Dermal)     |
| LC50 Inhalation - Rat                   | > 5.5 mg/l (4 h, Rat, Inhalation) |

| naphthalene (91-20-3) |   |
|-----------------------|---|
| LD50 oral rat         | > 2000 mg/kg body weight Animal: rat, Guideline: OECD Guideline 401 (Acute Oral Toxicity)   |
| LD50 oral             | 490 mg/kg   |
| LD50 dermal rat       | > 2500 mg/kg (Rat, Dermal)  |
| LD50 dermal rabbit    | 2500 mg/kg Source: ChemIDplus   |
| LD50 dermal           | 2500 mg/kg  |
| LC50 Inhalation - Rat | > 0.4 mg/l air Animal: rat, Guideline: other:EPA TSCA, Guideline: OECD Guideline 403 (Acute Inhalation Toxicity), Guideline: EPA OPPTS 870.1300 (Acute inhalation toxicity) |
| ATE US (oral)         | 490 mg/kg body weight   |
| ATE US (dermal)       | 2500 mg/kg body weight  |

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Skin corrosion/irritation : Causes skin irritation.  
pH: 7

| <b>naphthalene (91-20-3)</b>  |                           |
|-------------------------------|---------------------------|
| pH                            | 6                         |
| Serious eye damage/irritation | : Not classified<br>pH: 7 |

| <b>naphthalene (91-20-3)</b>      |                                |
|-----------------------------------|--------------------------------|
| pH                                | 6                              |
| Respiratory or skin sensitization | : Not classified               |
| Germ cell mutagenicity            | : Not classified               |
| Carcinogenicity                   | : Suspected of causing cancer. |

| <b>naphthalene (91-20-3)</b>           |   |
|--|---|
| IARC group                             | 2B - Possibly carcinogenic to humans          |
| National Toxicity Program (NTP) Status | Reasonably anticipated to be Human Carcinogen |
| Reproductive toxicity                  | : Not classified                              |

| <b>naphtha,heavy aromatic (64742-94-5)</b> |   |
|--|---|
| NOAEL (animal/male, F0/P)                  | 35 mg/kg body weight Animal: rat, Animal sex: male, Guideline: OECD Guideline 422 (Combined Repeated Dose Toxicity Study with the Reproduction / Developmental Toxicity Screening Test), Guideline: other:OPPTS 870.3650 Combined Repeated Dose Toxicity Study with the Reproduction/Developmental Toxicity Screening Test    |
| NOAEL (animal/female, F0/P)                | 125 mg/kg body weight Animal: rat, Animal sex: female, Guideline: OECD Guideline 422 (Combined Repeated Dose Toxicity Study with the Reproduction / Developmental Toxicity Screening Test), Guideline: other:OPPTS 870.3650 Combined Repeated Dose Toxicity Study with the Reproduction/Developmental Toxicity Screening Test |

| <b>naphthalene (91-20-3)</b> |   |
|------------------------------|---|
| LOAEL (animal/female, F0/P)  | 50 mg/kg body weight Animal: rat, Animal sex: female, Guideline: other:OECD Guideline 414 (Prenatal Developmental Toxicity Study)     |
| LOAEL (animal/female, F1)    | 450 mg/kg body weight Animal: rat, Animal sex: female, Guideline: other:OECD Guideline 414 (Prenatal Developmental Toxicity Study)    |
| NOAEL (animal/female, F0/P)  | 120 mg/kg body weight Animal: rabbit, Animal sex: female, Guideline: other:OECD Guideline 414 (Prenatal Developmental Toxicity Study) |

STOT-single exposure : May cause drowsiness or dizziness.

| <b>Stoddardsolvent (petroleum) (8052-41-3)</b> |                                    |
|--|------------------------------------|
| STOT-single exposure                           | May cause drowsiness or dizziness. |
| STOT-repeated exposure                         | : Not classified                   |

| <b>naphtha,heavy aromatic (64742-94-5)</b> |  |
|--|--|
| LOAEC (inhalation, rat, vapor, 90 days)    | 4.71 mg/l air Animal: rat, Guideline: EU Method B.29 (Sub-Chronic Inhalation Toxicity:90-Day Study)  |
| NOAEC (inhalation, rat, vapor, 90 days)    | 2.355 mg/l air Animal: rat, Guideline: EU Method B.29 (Sub-Chronic Inhalation Toxicity:90-Day Study) |

| <b>naphthalene (91-20-3)</b>            |  |
|---|--|
| LOAEL (oral, rat, 90 days)              | 400 mg/kg body weight Animal: rat, Guideline: OECD Guideline 408 (Repeated Dose 90-Day Oral Toxicity in Rodents)   |
| LOAEC (inhalation, rat, vapor, 90 days) | 0.011 mg/l air Animal: rat, Guideline: EPA OPP 82-4 (90-Day Inhalation Toxicity), Guideline: OECD Guideline 413 (Subchronic Inhalation Toxicity: 90-Day Study) |
| NOAEL (dermal, rat/rabbit, 90 days)     | 1000 mg/kg body weight Animal: rat, Guideline: OECD Guideline 411 (Subchronic Dermal Toxicity: 90-Day Study)   |

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Aspiration hazard : May be fatal if swallowed and enters airways.  
Viscosity, kinematic : < 20 mm<sup>2</sup>/s @ 40 C

| <b>naphtha,heavy aromatic (64742-94-5)</b>     |                                      |
|--|--------------------------------------|
| Viscosity, kinematic                           | 2.67 mm <sup>2</sup> /s              |
| <b>Stoddardsolvent (petroleum) (8052-41-3)</b> |                                      |
| Viscosity, kinematic                           | 1.2 mm <sup>2</sup> /s (25 °C)       |
| Symptoms/effects                               | : May cause drowsiness or dizziness. |
| Symptoms/effects after skin contact            | : Irritation.                        |
| Symptoms/effects after ingestion               | : Risk of lung edema.                |

## SECTION 12: Ecological information

### 12.1. Toxicity

Ecology - general : Very toxic to aquatic life. Very toxic to aquatic life with long lasting effects.

| <b>naphtha,heavy aromatic (64742-94-5)</b>     |  |
|--|--|
| LC50 - Fish [1]                                | 6.1 mg/l Test organisms (species): Oncorhynchus mykiss (previous name: Salmo gairdneri)  |
| EC50 - Crustacea [1]                           | 0.95 mg/l  |
| LC50 - Fish [2]                                | 0.58 mg/l Test organisms (species): Oncorhynchus mykiss (previous name: Salmo gairdneri) |
| EC50 - Crustacea [2]                           | 0.76 mg/l Test organisms (species): Daphnia magna  |
| <b>Stoddardsolvent (petroleum) (8052-41-3)</b> |  |
| EC50 - Crustacea [1]                           | 0.42 mg/l  |
| <b>naphthalene (91-20-3)</b>                   |  |
| LC50 - Fish [1]                                | 0.77 mg/l  |
| EC50 - Crustacea [1]                           | 2.16 mg/l Test organisms (species): Daphnia magna  |
| EC50 72h - Algae [1]                           | 0.4 mg/l (Skeletonema costatum, Literature study, Growth rate)                           |
| NOEC (chronic)                                 | 0.59 mg/l Test organisms (species): Daphnia pulex Duration: '125 d'                      |
| NOEC chronic fish                              | ≈ 0.37 mg/l Test organisms (species): Oncorhynchus kisutch Duration: '40 d'              |

### 12.2. Persistence and degradability

| <b>RUST-GUARD™ AEROSOL</b>                     |  |
|--|--|
| Persistence and degradability                  | Not rapidly degradable                                     |
| <b>naphtha,heavy aromatic (64742-94-5)</b>     |  |
| Persistence and degradability                  | Not rapidly degradable                                     |
| <b>Stoddardsolvent (petroleum) (8052-41-3)</b> |  |
| Persistence and degradability                  | Not rapidly degradable                                     |
| <b>naphthalene (91-20-3)</b>                   |  |
| Persistence and degradability                  | Biodegradable in the soil, Readily biodegradable in water. |
| Biochemical oxygen demand (BOD)                | 0 g O <sub>2</sub> /g substance                            |
| Chemical oxygen demand (COD)                   | 0.22 g O <sub>2</sub> /g substance                         |
| ThOD   | 2.99 g O <sub>2</sub> /g substance                         |

### 12.3. Bioaccumulative potential







| <b>naphtha,heavy aromatic (64742-94-5)</b>      |           |
|---|-----------|
| Partition coefficient n-octanol/water (Log Pow) | 2.9 – 6.1 |



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| Stoddardsolvent (petroleum) (8052-41-3)   |   |   |
|---|---|---|
| Partition coefficient n-octanol/water (Log Pow)   | -3.16 – 7.06  |   |
| Bioaccumulative potential   | Not bioaccumulative.  |   |
| naphthalene (91-20-3)   |   |   |
| BCF - Fish [1]  | 23 – 168 (8 week(s), Cyprinus carpio, Literature study)   |   |
| Partition coefficient n-octanol/water (Log Pow)   | 3.3 (Experimental value)  |   |
| Bioaccumulative potential   | Low potential for bioaccumulation (BCF < 500).  |   |
| 12.4. Mobility in soil  |   |   |
| Stoddardsolvent (petroleum) (8052-41-3)   |   |   |
| Surface tension   | 0.02 N/m (20 °C)  |   |
| Organic Carbon Normalized Adsorption Coefficient (Log Koc)  | 2.85 – 6.74 (log Koc)   |   |
| naphthalene (91-20-3)   |   |   |
| Surface tension   | 0.03 N/m (100 °C)   |   |
| Ecology - soil  | Adsorbs into the soil.  |   |
| 12.5. Other adverse effects   |   |   |
| No additional information available   |   |   |
| SECTION 13: Disposal considerations   |   |   |
| 13.1. Disposal methods  |   |   |
| Waste treatment methods   | : Dispose of contents/container in accordance with licensed collector's sorting instructions.   |   |
| SECTION 14: Transport information   |   |   |
| In accordance with DOT / IMDG / IATA  |   |   |
| DOT   | IMDG  | IATA  |
| 14.1. UN number   |   |   |
| UN1950  | 1950  | 1950  |
| 14.2. Proper Shipping Name  |   |   |
| Aerosols  | AEROSOLS (MIXTURE)  | Aerosols, flammable (MIXTURE)   |
| Transport document description  |   |   |
| UN1950 Aerosols, 2.1  | UN 1950 AEROSOLS (MIXTURE), 2.1, MARINE POLLUTANT/ENVIRONMENTALLY HAZARDOUS   | UN 1950 Aerosols, flammable (MIXTURE), 2.1, ENVIRONMENTALLY HAZARDOUS   |
| 14.3. Transport hazard class(es)  |   |   |
| 2.1   | 2.1   | 2.1   |
|   |   |   |
| 14.4. Packing group   |   |   |
| Not applicable  | Not applicable  | Not applicable  |
| 14.5. Environmental hazards   |   |   |
| Dangerous for the environment: Yes  | Dangerous for the environment: Yes<br>Marine pollutant: Yes   | Dangerous for the environment: Yes  |
| No supplementary information available  |   |   |

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### 14.6. Special precautions for user

#### DOT

|  |  |
|--|--|
| UN-No.(DOT)  | : UN1950   |
| DOT Special Provisions (49 CFR 172.102)                          | : N82 - See 173.306 of this subchapter for classification criteria for flammable aerosols.   |
| DOT Packaging Exceptions (49 CFR 173.xxx)                        | : 306  |
| DOT Quantity Limitations Passenger aircraft/rail (49 CFR 173.27) | : 75 kg  |
| DOT Quantity Limitations Cargo aircraft only (49 CFR 175.75)     | : 150 kg   |
| DOT Vessel Stowage Location                                      | : A - The material may be stowed "on deck" or "under deck" on a cargo vessel and on a passenger vessel.  |
| DOT Vessel Stowage Other   | : 25 - Protected from sources of heat, 87 - Stow "separated from" Class 1 (explosives) except Division 14,126 - Segregation same as for Class 9, miscellaneous hazardous materials |

#### IMDG

|                             |   |
|-----------------------------|---|
| Special provision (IMDG)    | : 63, 190, 277, 327, 344, 381, 959  |
| Limited quantities (IMDG)   | : SP277   |
| Excepted quantities (IMDG)  | : E0  |
| Packing instructions (IMDG) | : P207, LP200   |
| Packing provisions (IMDG)   | : PP87, L2  |
| EmS-No. (Fire)              | : F-D - FIRE SCHEDULE Delta - FLAMMABLE GASES                             |
| EmS-No. (Spillage)          | : S-U - SPILLAGE SCHEDULE Uniform - GASES (FLAMMABLE, TOXIC OR CORROSIVE) |
| Stowage category (IMDG)     | : None  |
| Stowage and handling (IMDG) | : SW1, SW22   |
| Segregation (IMDG)          | : SG69  |

#### IATA

|  |                    |
|--|--------------------|
| PCA Excepted quantities (IATA)               | : E0               |
| PCA Limited quantities (IATA)                | : Y203             |
| PCA limited quantity max net quantity (IATA) | : 30kgG            |
| PCA packing instructions (IATA)              | : 203              |
| PCA max net quantity (IATA)                  | : 75kg             |
| CAO packing instructions (IATA)              | : 203              |
| CAO max net quantity (IATA)                  | : 150kg            |
| Special provision (IATA)                     | : A145, A167, A802 |
| ERG code (IATA)                              | : 10L              |

### 14.7. Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code

Not applicable

## SECTION 15: Regulatory information

### 15.1. US Federal regulations

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

Chemical(s) subject to the reporting requirements of Section 313 or Title III of the Superfund Amendments and Reauthorization Act (SARA) of 1986 and 40 CFR Part 372.

|             |                 |                     |
|-------------|-----------------|---------------------|
| naphthalene | CAS-No. 91-20-3 | 0.023949 – 0.24381% |
|-------------|-----------------|---------------------|

#### naphthalene (91-20-3)

Listed on EPA Hazardous Air Pollutant (HAPS)

|           |        |
|-----------|--------|
| CERCLA RQ | 100 lb |
|-----------|--------|

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### 15.2. International regulations

#### CANADA

##### naphtha,heavy aromatic (64742-94-5)

Listed on the Canadian DSL (Domestic Substances List)

##### Stoddardsolvent (petroleum) (8052-41-3)

Listed on the Canadian DSL (Domestic Substances List)

##### naphthalene (91-20-3)

Listed on the Canadian DSL (Domestic Substances List)

#### EU-Regulations

##### naphtha,heavy aromatic (64742-94-5)

Listed on the EEC inventory EINECS (European Inventory of Existing Commercial Chemical Substances)

##### Stoddardsolvent (petroleum) (8052-41-3)

Listed on the EEC inventory EINECS (European Inventory of Existing Commercial Chemical Substances)

##### naphthalene (91-20-3)

Listed on the EEC inventory EINECS (European Inventory of Existing Commercial Chemical Substances)

#### National regulations

##### naphtha,heavy aromatic (64742-94-5)

Listed on INSQ (Mexican National Inventory of Chemical Substances)  
Listed on IECSC (Inventory of Existing Chemical Substances Produced or Imported in China)  
Listed on KECI (Korean Existing Chemicals Inventory)  
Listed on the TCSI (Taiwan Chemical Substance Inventory)  
Listed on NZIoC (New Zealand Inventory of Chemicals)  
Listed introduction on Australian Industrial Chemicals Introduction Scheme (AICIS Inventory)

##### Stoddardsolvent (petroleum) (8052-41-3)

Listed on IECSC (Inventory of Existing Chemical Substances Produced or Imported in China)  
Listed on KECI (Korean Existing Chemicals Inventory)  
Listed on the TCSI (Taiwan Chemical Substance Inventory)  
Listed on NZIoC (New Zealand Inventory of Chemicals)  
Listed on INSQ (Mexican National Inventory of Chemical Substances)  
Listed introduction on Australian Industrial Chemicals Introduction Scheme (AICIS Inventory)

##### naphthalene (91-20-3)

Listed on IECSC (Inventory of Existing Chemical Substances Produced or Imported in China)  
Listed on KECI (Korean Existing Chemicals Inventory)  
Listed on the TCSI (Taiwan Chemical Substance Inventory)  
Listed on NZIoC (New Zealand Inventory of Chemicals)  
Listed on INSQ (Mexican National Inventory of Chemical Substances)  
Listed introduction on Australian Industrial Chemicals Introduction Scheme (AICIS Inventory)  
Listed on IARC (International Agency for Research on Cancer)  
Listed as carcinogen on NTP (National Toxicology Program)

### 15.3. US State regulations



#### WARNING:

This product can expose you to Naphthalene, which is known to the State of California to cause cancer. For more information go to [www.P65Warnings.ca.gov](http://www.P65Warnings.ca.gov).

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| Component                              | State or local regulations  |
|--|---|
| Stoddardsolvent (petroleum)(8052-41-3) | U.S. - Massachusetts - Right To Know List; U.S. - New Jersey - Right to Know Hazardous Substance List; U.S. - New York City - Right to Know Hazardous Substances List; U.S. - Pennsylvania - RTK (Right to Know) List   |
| naphthalene(91-20-3)                   | U.S. - Delaware - Pollutant Discharge Requirements - Reportable Quantities; U.S. - Massachusetts - Right To Know List; U.S. - New Jersey - Right to Know Hazardous Substance List; U.S. - New York City - Right to Know Hazardous Substances List; U.S. - Pennsylvania - RTK (Right to Know) List |
| Propane(74-98-6)                       | U.S. - Delaware - Pollutant Discharge Requirements - Reportable Quantities; U.S. - Massachusetts - Right To Know List; U.S. - New Jersey - Right to Know Hazardous Substance List; U.S. - New York City - Right to Know Hazardous Substances List; U.S. - Pennsylvania - RTK (Right to Know) List |
| Isobutane(75-28-5)                     | U.S. - Delaware - Pollutant Discharge Requirements - Reportable Quantities; U.S. - Massachusetts - Right To Know List; U.S. - New Jersey - Right to Know Hazardous Substance List; U.S. - New York City - Right to Know Hazardous Substances List; U.S. - Pennsylvania - RTK (Right to Know) List |

### SECTION 16: Other information

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Revision date : 1/6/2025

| Full text of hazard classes and H-statements |  |
|--|--|
| H222   | Extremely flammable aerosol                  |
| H226   | Flammable liquid and vapor                   |
| H227   | Combustible liquid                           |
| H302   | Harmful if swallowed                         |
| H304   | May be fatal if swallowed and enters airways |
| H315   | Causes skin irritation                       |
| H336   | May cause drowsiness or dizziness            |
| H351   | Suspected of causing cancer                  |

Safety Data Sheet (SDS), USA

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