



# 1. Identification

| Product identifier              | SP-400™ Corrosion Inhibitor - 10 oz |
|---------------------------------|-------------------------------------|
| Other means of identification   |                                     |
| Product Code                    | No. 03282 (Item# 1003481)           |
| Recommended use                 | Corrosion inhibitor                 |
| Recommended restrictions        | None known.                         |
| Manufacturer/Importer/Supplier/ | Distributor information             |
| Manufactured or sold by:        |                                     |
| Company name                    | CRC Industries, Inc.                |
| Address                         | 885 Louis Dr.                       |
|                                 | Warminster, PA 18974 US             |
| Telephone                       | 800-556-5074                        |
| 24-Hour Emergency<br>(CHEMTREC) | 800-424-9300 (US)                   |
| Website                         | crcindustries.com                   |

#### 2. Hazard(s) identification

| Physical hazards      | Flammable aerosols                                     | Category 1                  |  |
|-----------------------|--|-----------------------------|--|
|                       | Gases under pressure                                   | Liquefied gas               |  |
| Health hazards        | Skin corrosion/irritation                              | Category 2                  |  |
|                       | Serious eye damage/eye irritation                      | Category 2B                 |  |
|                       | Reproductive toxicity                                  | Category 2                  |  |
|                       | Specific target organ toxicity, single exposure        | Category 3 narcotic effects |  |
|                       | Aspiration hazard                                      | Category 1                  |  |
| Environmental hazards | Hazardous to the aquatic environment, acute hazard     | Category 2                  |  |
|                       | Hazardous to the aquatic environment, long-term hazard | Category 2                  |  |
| OSHA defined hazards  | Not classified.  |                             |  |
| Label elements        |  |                             |  |
|                       | $\land \land \land \land$                              |                             |  |



Signal word Hazard statement

Extremely flammable aerosol. Contains gas under pressure; may explode if heated. May be fatal if swallowed and enters airways. Causes skin irritation. Causes eye irritation. May cause drowsiness or dizziness. Suspected of damaging fertility or the unborn child.

#### Precautionary statement Prevention

Obtain special instructions before use. Do not handle until all safety precautions have been read and understood. Keep away from heat/sparks/open flames/hot surfaces. - No smoking. Do not spray on an open flame or other ignition source. Pressurized container: Do not pierce or burn, even after use. Do not apply while equipment is energized. Extinguish all flames, pilot lights, and heaters. Vapors will accumulate readily and may ignite. Use only outdoors or in a well-ventilated area. Maintain ventilation during use and until all vapors are gone. Open doors and windows or use other means to ensure a fresh air supply during use and while product is drying. If you experience any symptoms listed on this label, increase ventilation or leave the area. Avoid breathing mist/vapor. Wash thoroughly after handling. Wear protective gloves/protective clothing/eye protection/face protection.

| Response                                     | If swallowed: Immediately call a poison center/doctor. Do NOT induce vomiting. If inhaled:<br>Remove person to fresh air and keep comfortable for breathing. Call a poison center/doctor if you<br>feel unwell. If in eyes: Rinse cautiously with water for several minutes. Remove contact lenses, if<br>present and easy to do. Continue rinsing. If eye irritation persists: Get medical advice/attention. If<br>on skin: Wash with plenty of water. If skin irritation occurs: Get medical advice/attention. Take off<br>contaminated clothing and wash before reuse. If exposed or concerned: Get medical<br>advice/attention. |
|--|---|
| Storage                                      | Store in a well-ventilated place. Store locked up. Protect from sunlight. Do not expose to temperatures exceeding 50°C/122°F. Exposure to high temperature may cause can to burst.  |
| Disposal                                     | Dispose of contents/container in accordance with local/regional/national regulations.   |
| Hazard(s) not otherwise<br>classified (HNOC) | Static accumulating flammable liquid can become electrostatically charged even in bonded and grounded equipment. Sparks may ignite liquid and vapor. May cause flash fire or explosion.   |
| Supplemental information                     | None.   |

# 3. Composition/information on ingredients

#### **Mixtures**

| Chemical name                               | Common name and synonyms | CAS number | %       |
|---|--------------------------|------------|---------|
| liquefied petroleum gas                     |                          | 68476-86-8 | 20 - 30 |
| naphtha (petroleum), hydrotreated<br>light  |                          | 64742-49-0 | 20 - 30 |
| stoddard solvent                            |                          | 8052-41-3  | 10 - 20 |
| distillates (petroleum), hydrotreated light |                          | 64742-47-8 | 5 - 15  |
| dipropylene glycol methyl ether             |                          | 34590-94-8 | 3 - 7   |
| naphtha (petroleum), hydrotreated<br>heavy  |                          | 64742-48-9 | 1 - 5   |
| n-hexane                                    |                          | 110-54-3   | 0.1 - 1 |

Specific chemical identity and/or percentage of composition has been withheld as a trade secret.

| 4. First-aid measures  |   |
|--|---|
| Inhalation   | Remove victim to fresh air and keep at rest in a position comfortable for breathing. Call a poison center or doctor/physician if you feel unwell.   |
| Skin contact   | Remove contaminated clothing. Wash with plenty of soap and water. If skin irritation occurs: Get medical advice/attention. Wash contaminated clothing before reuse.   |
| Eye contact  | Immediately flush eyes with plenty of water for at least 15 minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Get medical attention if irritation develops and persists.   |
| Ingestion  | Call a physician or poison control center immediately. Rinse mouth. Do not induce vomiting. If vomiting occurs, keep head low so that stomach content doesn't get into the lungs.   |
| Most important<br>symptoms/effects, acute and<br>delayed                     | Aspiration may cause pulmonary edema and pneumonitis. May cause drowsiness and dizziness.<br>Headache. Nausea, vomiting. Irritation of eyes. Exposed individuals may experience eye tearing,<br>redness, and discomfort. Skin irritation. May cause redness and pain. |
| Indication of immediate<br>medical attention and special<br>treatment needed | Provide general supportive measures and treat symptomatically. Keep victim under observation. Symptoms may be delayed.  |
| General information  | IF exposed or concerned: Get medical advice/attention. Ensure that medical personnel are aware of the material(s) involved, and take precautions to protect themselves. Show this safety data sheet to the doctor in attendance.                                      |

# 5. Fire-fighting measures

| Suitable extinguishing media               | Water fog. Alcohol resistant foam. Carbon dioxide (CO2). Dry chemical powder, carbon dioxide, sand or earth may be used for small fires only.   |
|--|---|
| Unsuitable extinguishing media             | Do not use water jet as an extinguisher, as this will spread the fire.  |
| Specific hazards arising from the chemical | Contents under pressure. Pressurized container may rupture when exposed to heat or flame. This product is a poor conductor of electricity and can become electrostatically charged. If sufficient charge is accumulated, ignition of flammable mixtures can occur. Static electricity accumulation may be significantly increased by the presence of small quantities of water or other contaminants. Material will float and may ignite on surface of water. During fire, gases hazardous to health may be formed. |

| Special protective equipment<br>and precautions for firefighters | Firefighters must use standard protective equipment including flame retardant coat, helmet with face shield, gloves, rubber boots, and in enclosed spaces, SCBA.   |
|--|--|
| Fire-fighting<br>equipment/instructions                          | In case of fire: Stop leak if safe to do so. Move containers from fire area if you can do so without risk. Containers should be cooled with water to prevent vapor pressure build up. Use standard firefighting procedures and consider the hazards of other involved materials. In the event of fire and/or explosion do not breathe fumes. |
| Specific methods   | Use standard firefighting procedures and consider the hazards of other involved materials. In the event of fire and/or explosion do not breathe fumes.   |
| General fire hazards   | Extremely flammable aerosol. Contents under pressure. Pressurized container may rupture when exposed to heat or flame.   |
|  |  |

#### 6. Accidental release measures

| Personal precautions,<br>protective equipment and<br>emergency procedures | Keep unnecessary personnel away. Keep people away from and upwind of spill/leak. Remove all possible sources of ignition in the surrounding area. Keep out of low areas. Many gases are heavier than air and will spread along ground and collect in low or confined areas (sewers, basements, tanks). Wear appropriate protective equipment and clothing during clean-up. Avoid breathing mist/vapor. Emergency personnel need self-contained breathing equipment. Do not touch damaged containers or spilled material unless wearing appropriate protective clothing. Ventilate closed spaces before entering them. Use appropriate containment to avoid environmental contamination. Local authorities should be advised if significant spillages cannot be contained. For personal protection, see section 8 of the SDS.   |
|---|--|
| Methods and materials for containment and cleaning up                     | Eliminate all ignition sources (no smoking, flares, sparks, or flames in immediate area). Keep combustibles (wood, paper, oil, etc.) away from spilled material. This product is miscible in water. Prevent product from entering drains. Stop the flow of material, if this is without risk. Wipe up with absorbent material (e.g. cloth, fleece). Clean surface thoroughly to remove residual contamination. For waste disposal, see section 13 of the SDS.  |
| Environmental precautions   | Avoid release to the environment. Inform appropriate managerial or supervisory personnel of all environmental releases. Prevent further leakage or spillage if safe to do so. Avoid discharge into drains, water courses or onto the ground. Use appropriate containment to avoid environmental contamination.   |
| 7. Handling and storage   |  |
| Precautions for safe handling   | Obtain special instructions before use. Do not handle until all safety precautions have been read<br>and understood. Minimize fire risks from flammable and combustible materials (including<br>combustible dust and static accumulating liquids) or dangerous reactions with incompatible<br>materials. Pressurized container: Do not pierce or burn, even after use. Do not use if spray button<br>is missing or defective. Do not spray on a naked flame or any other incandescent material. Do not<br>smoke while using or until sprayed surface is thoroughly dry. Do not cut, weld, solder, drill, grind,<br>or expose containers to heat, flame, sparks, or other sources of ignition. Use caution around<br>energized equipment. The metal container will conduct electricity if it contacts a live source. This<br>may result in injury to the user from electrical shock and/or flash fire. Avoid contact with eyes, skin,<br>and clothing. Avoid prolonged exposure. Pregnant or breastfeeding women must not handle this<br>product. Should be handled in closed systems, if possible. Use only in well-ventilated areas. Wear<br>appropriate personal protective equipment. Wash hands thoroughly after handling. Avoid release<br>to the environment. Observe good industrial hygiene practices. For product usage instructions, see<br>the product label. |
| Conditions for safe storage,  | Level 3 Aerosol.   |
| including any incompatibilities   | Pressurized container. Protect from sunlight and do not expose to temperatures exceeding 50 °C/122 °F. Do not puncture, incinerate or crush. Do not handle or store near an open flame, heat or other sources of ignition. This material can accumulate static charge which may cause spark and become an ignition source. Avoid spark promoters. These alone may be insufficient to remove static electricity. Store in tightly closed container. Store in a well-ventilated place. Stored containers should be periodically checked for general condition and leakage. Store away from incompatible materials (see Section 10 of the SDS).   |

# 8. Exposure controls/personal protection

# Occupational exposure limits US. OSHA Table Z-1 Limits for Air Contaminants (29 CFR 1910.1000) Components Type Value dipropylene glycol methyl ether (CAS 34590-94-8) PEL 600 mg/m3 100 ppm 100 ppm

# US. OSHA Table Z-1 Limits for Air Contaminants (29 CFR 1910.1000)

| Components   | Туре           |                              |              | Value                            |    |
|--|----------------|------------------------------|--------------|----------------------------------|----|
| naphtha (petroleum),<br>hydrotreated light (CAS<br>64742-49-0)     | PEL            |                              |              | 400 mg/m3                        |    |
|  |                |                              |              | 100 ppm                          |    |
| n-hexane (CAS 110-54-3)  | PEL            |                              |              | 1800 mg/m3                       |    |
|  |                |                              | :            | 500 ppm                          |    |
| stoddard solvent (CAS<br>8052-41-3)                                | PEL            |                              | :            | 2900 mg/m3                       |    |
| ,  |                |                              | :            | 500 ppm                          |    |
| US. ACGIH Threshold Limit Values<br>Components                     | Туре           |                              | ,            | Value                            |    |
| dipropylene glycol methyl<br>ether (CAS 34590-94-8)                | STEL           |                              |              | 100 ppm                          |    |
|  | TWA            |                              | :            | 50 ppm                           |    |
| n-hexane (CAS 110-54-3)  | TWA            |                              | :            | 50 ppm                           |    |
| stoddard solvent (CAS<br>8052-41-3)                                | TWA            |                              |              | 100 ppm                          |    |
| US. NIOSH: Pocket Guide to Chemic                                  | al Hazards     |                              |              |                                  |    |
| Components   | Туре           |                              |              | Value                            |    |
| dipropylene glycol methyl<br>ether (CAS 34590-94-8)                | STEL           |                              | 9            | 900 mg/m3                        |    |
|  |                |                              |              | 150 ppm                          |    |
|  | TWA            |                              | (            | 600 mg/m3                        |    |
|  |                |                              |              | 100 ppm                          |    |
| distillates (petroleum),<br>hydrotreated light (CAS<br>64742-47-8) | TWA            |                              |              | 100 mg/m3                        |    |
| naphtha (petroleum),<br>hydrotreated light (CAS<br>64742-49-0)     | TWA            |                              |              | 400 mg/m3                        |    |
| )  |                |                              |              | 100 ppm                          |    |
| n-hexane (CAS 110-54-3)  | TWA            |                              |              | 180 mg/m3                        |    |
|  |                |                              | :            | 50 ppm                           |    |
| stoddard solvent (CAS  | Ceiling        | 9                            |              | 1800 mg/m3                       |    |
| 8052-41-3)   | TWA            |                              | :            | 350 mg/m3                        |    |
| ogical limit values  |                |                              |              |                                  |    |
| ACGIH Biological Exposure Indices<br>Components Value              |                | Determinant                  | Specimen     | Sampling Time                    |    |
| n-hexane (CAS 110-54-3) 0.5 mg/l                                   |                | 2,5-Hexanedio<br>ne, without | Urine        | *                                |    |
|  |                | hydrolysis                   |              |                                  |    |
| * - For sampling details, please see the                           | e source docui | ment.                        |              |                                  |    |
| osure guidelines   | 1a.a           |                              |              |                                  |    |
| US - California OELs: Skin designati                               |                | 8) Conho                     | absorbed the | ough the skin                    |    |
| dipropylene glycol methyl ether (C<br>n-hexane (CAS 110-54-3)      | 10 34390-94-   |                              |              | ough the skin.<br>ough the skin. |    |
| US - Tennessee OELs: Skin designa                                  | tion           | Can be                       |              |                                  |    |
| dipropylene glycol methyl ether (C                                 | AS 34590-94-   | -8) Can be                   | absorbed thr | ough the skin.                   |    |
| erial name: SP-400™ Corrosion Inhibitor - 1                        | 0.07           |                              |              |                                  | SI |

| US ACGIH Threshold Limit                            | /alues: Skin designation   |  |  |
|---|--|--|--|
| n-hexane (CAS 110-54-3)                             |  | Danger of cutaneous absorption   |  |
|   | Chemical Hazards: Skin desigr  |  |  |
| dipropylene glycol methyl US. OSHA Table Z-1 Limits | ether (CAS 34590-94-8)<br>for Air Contaminants (29 CFR <sup>2</sup>  | Can be absorbed through the skin.<br>I910.1000)  |  |
| dipropylene glycol methyl                           | ether (CAS 34590-94-8)   | Can be absorbed through the skin.  |  |
| Appropriate engineering controls                    | Good general ventilation (typically 10 air changes per hour) should be used. Ventilation rates should be matched to conditions. If applicable, use process enclosures, local exhaust ventilation, or other engineering controls to maintain airborne levels below recommended exposure limits. If exposure limits have not been established, maintain airborne levels to an acceptable level. Eye wash facilities and emergency shower should be available when handling this product. |  |  |
| Individual protection measures,                     | such as personal protective e  | quipment   |  |
| Eye/face protection                                 | Wear safety glasses with side shields (or goggles).  |  |  |
| Skin protection                                     |  |  |  |
| Hand protection                                     | Wear protective gloves such as: Neoprene. Nitrile.   |  |  |
| Other   | Wear appropriate chemical resistant clothing. Use of an impervious apron is recommended.   |  |  |
| Respiratory protection                              | If engineering controls are not feasible or if exposure exceeds the applicable exposure limits, use a NIOSH-approved cartridge respirator with an organic vapor cartridge. Use a self-contained breathing apparatus in confined spaces and for emergencies. Air monitoring is needed to determine actual employee exposure levels.   |  |  |
| Thermal hazards                                     | Wear appropriate thermal protective clothing, when necessary.  |  |  |
| General hygiene<br>considerations                   | as washing after handling the r  | or smoke. Always observe good personal hygiene measures, such naterial and before eating, drinking, and/or smoking. Routinely tive equipment to remove contaminants. |  |

# 9. Physical and chemical properties

| Physical state                             | Liquid.                         |  |
|--|---------------------------------|--|
| Form                                       | Aerosol.                        |  |
| Color                                      | Dark amber.                     |  |
| Odor                                       | Petroleum.                      |  |
| Odor threshold                             | Not available.                  |  |
| рН   | Not available.                  |  |
| Melting point/freezing point               | -94 °F (-70 °C) estimated       |  |
| Initial boiling point and boiling range    | 123.8 °F (51 °C) estimated      |  |
| Flash point                                | -0.0009 °F (-17.8 °C) estimated |  |
| Evaporation rate                           | Fast.                           |  |
| Flammability (solid, gas)                  | Not available.                  |  |
| Upper/lower flammability or exp            | losive limits                   |  |
| Explosive limit - lower (%)                | 0.7 % estimated                 |  |
| Explosive limit - upper (%)                | 14 % estimated                  |  |
| Vapor pressure                             | Not available.                  |  |
| Vapor density                              | >1 (air = 1)                    |  |
| Relative density                           | 0.72 estimated                  |  |
| Solubility(ies)                            |                                 |  |
| Solubility (water)                         | Negligible.                     |  |
| Partition coefficient<br>(n-octanol/water) | Not available.                  |  |
| Auto-ignition temperature                  | 410 °F (210 °C) estimated       |  |
| Decomposition temperature                  | Not available.                  |  |
| Viscosity                                  | Not available.                  |  |
| Other information                          |                                 |  |
| Percent volatile                           | 100 %                           |  |
| Material a second OD 400TM O second and    |                                 |  |

# 10. Stability and reactivity

| Reactivity                            | The product is stable and non-reactive under normal conditions of use, storage and transport. |
|---------------------------------------|---|
| Chemical stability                    | Material is stable under normal conditions.   |
| Possibility of hazardous<br>reactions | No dangerous reaction known under conditions of normal use.                                   |
| Conditions to avoid                   | Heat, flames and sparks. Contact with incompatible materials.                                 |
| Incompatible materials                | Strong oxidizing agents.  |
| Hazardous decomposition<br>products   | Aldehydes. Ketones. Organic acids. Carbon oxides.   |

# 11. Toxicological information

# Information on likely routes of exposure

| Inhalation   | May cause drowsiness and dizziness. Headache. Nausea, vomiting. Prolonged inhalation may be<br>harmful.   |  |  |
|--|---|--|--|
| Skin contact   | Causes skin irritation.   |  |  |
| Eye contact  | Causes eye irritation.  |  |  |
| Ingestion  | Droplets of the product aspirated into the lungs through ingestion or vomiting may cause a serious chemical pneumonia.  |  |  |
| Symptoms related to the<br>physical, chemical and<br>toxicological characteristics | Aspiration may cause pulmonary edema and pneumonitis. May cause drowsiness and dizziness.<br>Headache. Nausea, vomiting. Irritation of eyes. Exposed individuals may experience eye tearing,<br>redness, and discomfort. Skin irritation. May cause redness and pain. |  |  |

#### Information on toxicological effects

| Acute toxicity                | May be fatal if swallowed and enters airways. |                         |
|-------------------------------|---|-------------------------|
| Components                    | Species                                       | Test Results            |
| dipropylene glycol methyl e   | ether (CAS 34590-94-8)                        |                         |
| <u>Acute</u>                  |   |                         |
| Dermal                        |   |                         |
| LD50                          | Rabbit  | 9.5 g/kg                |
| Oral                          |   |                         |
| LD50                          | Rat   | 5.400000000000004 ml/kg |
|                               |   | 5.35000000000005 g/kg   |
| distillates (petroleum), hydr | rotreated light (CAS 64742-47-8)              |                         |
| <u>Acute</u>                  |   |                         |
| Dermal                        |   |                         |
| LD50                          | Rabbit  | > 2000 mg/kg            |
| Inhalation                    |   |                         |
| LC50                          | Rat   | > 5 mg/l, 4 hours       |
| Oral                          |   |                         |
| LD50                          | Rat   | > 5000 mg/kg, 2.5 hours |
| naphtha (petroleum), hydro    | otreated heavy (CAS 64742-48-9)               |                         |
| Acute                         |   |                         |
| Dermal                        |   |                         |
| LD50                          | Rabbit  | > 2000 mg/kg            |
| Oral                          |   |                         |
| LD50                          | Rat   | > 5000 mg/kg            |
| naphtha (petroleum), hydro    | otreated light (CAS 64742-49-0)               |                         |
| Acute                         |   |                         |
| Dermal                        |   |                         |
| LD50                          | Rat   | > 2000 mg/kg            |
|                               |   |                         |

| Components  | Species  | Test Results  |
|---|--|---|
| Inhalation  |  |   |
| Vapor   |  |   |
| LC50  | Rat  | > 5.20000000000002 mg/l, 4 hours                              |
| Oral  |  |   |
| LD50  | Rat  | > 5000 mg/kg  |
| -hexane (CAS 110-54-3)                                |  |   |
| <u>Acute</u>  |  |   |
| Dermal  | Data   |   |
| LD50  | Rabbit   | > 1300 mg/kg  |
| Inhalation  |  |   |
| Vapor<br>LC50   | Pot  |   |
|   | Rat  | 627000 mg/m3, 3 minutes                                       |
| Oral  | Det  |   |
| LD50  | Rat  | 15840 mg/kg   |
| toddard solvent (CAS 8052-41-3)                       |  |   |
| <u>Acute</u>  |  |   |
| Dermal  | <b>D</b> 11 1  |   |
| LD50  | Rabbit   | > 3000 mg/kg  |
|   |  | > 2000 mg/kg  |
| Inhalation  |  |   |
| LC50  | Rat  | > 5500 mg/m³, 4 hours   |
| Oral  |  |   |
| LD50  | Rat  | > 5000 mg/kg  |
|   |  | > 3000 mg/kg  |
| Skin corrosion/irritation                             | Causes skin irritation.                              |   |
| Serious eye damage/eye                                | Causes eye irritation.                               |   |
| rritation   |  |   |
| Respiratory or skin sensitization                     |  |   |
| Respiratory sensitization                             | Not a respiratory sensitiz                           |   |
| Skin sensitization                                    |  | ed to cause skin sensitization.                               |
| Germ cell mutagenicity                                | No data available to indi<br>mutagenic or genotoxic. | te product or any components present at greater than 0.1% are |
| Carcinogenicity                                       | Not classifiable as to car                           | nogenicity to humans.   |
| IARC Monographs. Overall I                            | Evaluation of Carcinoger                             | ity   |
| naphtha (petroleum), hyd<br>(CAS 64742-48-9)          | rotreated heavy                                      | 3 Not classifiable as to carcinogenicity to humans.           |
| stoddard solvent (CAS 80                              |  | 3 Not classifiable as to carcinogenicity to humans.           |
| OSHA Specifically Regulate                            | d Substances (29 CFR 19                              | 0.1001-1053)  |
| Not listed.<br>US. National Toxicology Pro            | ogram (NTP) Report on C                              | cinogens  |
| Not listed.   |  |   |
| Reproductive toxicity                                 | Suspected of damaging                                | rtility or the unborn child.                                  |
| Specific target organ toxicity -<br>single exposure   | May cause drowsiness a                               | dizziness.  |
| Specific target organ toxicity -<br>repeated exposure | Not classified.                                      |   |
| Aspiration hazard                                     | May be fatal if swallowed                            | and enters airways.   |
| Chronic effects                                       | Prolonged inhalation ma                              | -   |
|   | r rolongeu initialation fila                         | Jo nummu.   |

#### Ecotoxicity

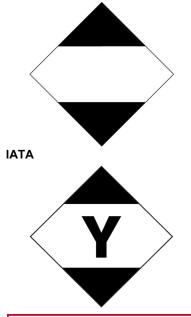
Toxic to aquatic life with long lasting effects.

| Components  | Species  |                            | Test Results   |
|---|--|----------------------------|--|
| n-hexane (CAS 110-54-3)                                   |  |                            |  |
| Aquatic   |  |                            |  |
| Acute   |  |                            |  |
| Fish  | LC50 Fathead m   | innow (Pimephales prom     | elas) 2500 μg/l, 96 hours  |
| Persistence and degradability                             | No data is available on the  | e degradability of any ing | redients in the mixture.   |
| Bioaccumulative potential                                 |  |                            |  |
| Partition coefficient n-octa                              | anol / water (log Kow)   |                            |  |
| n-hexane  |  | 3.9                        |  |
| Bioconcentration factor (E<br>naphtha (petroleum), hydrol |  | 10 - 2500                  |  |
| n-hexane  | reated light   | 501.187                    |  |
| lobility in soil  | No data available.   |                            |  |
| Other adverse effects                                     | The product contains volatile organic compounds which have a photochemical ozone creation potential.   |                            |  |
| 13. Disposal considerati                                  | ons  |                            |  |
| Disposal instructions                                     | The dispensed liquid product is a RCRA hazardous waste for the characteristic of ignitability with a waste code of D001 (See 40 CFR Part 261.20 – 261.33). Full or partially-full aerosol cans can be treated as universal waste. Empty container can be recycled. Contents under pressure. Do not incinerate sealed containers. Dispose of contents/container in accordance with local/regional/national/international regulations. Do not allow this material to drain into sewers/water supplies. Do not contaminate ponds, waterways or ditches with chemical or used container. |                            |  |
| lazardous waste code                                      | Possible RCRA waste cod<br>D001: Waste Flammable r   |                            | <140 F   |
|   | However, it is the generate<br>method at the time of disp  |                            | mine the proper classification and disposal  |
| Contaminated packaging                                    |  |                            | vaste handling site for recycling or disposal.<br>ıe, follow label warnings even after container i |

| DO  | т                            |   |  |  |
|-----|------------------------------|---|--|--|
|     | UN number                    | UN1950  |  |  |
|     | UN proper shipping name      | Aerosols, flammable, Limited Quantity                                   |  |  |
|     | Transport hazard class(es)   |   |  |  |
|     | Class                        | 2.1   |  |  |
|     | Subsidiary risk              | -   |  |  |
|     | Label(s)                     | 2.1   |  |  |
|     | Packing group                | Not assigned.   |  |  |
|     | Environmental hazards        |   |  |  |
|     | Marine pollutant             | Yes, but exempt from the regulations.                                   |  |  |
|     | Special precautions for user | Read safety instructions, SDS and emergency procedures before handling. |  |  |
|     | Special provisions           | N82   |  |  |
|     | Packaging exceptions         | 306   |  |  |
|     | Packaging non bulk           | None  |  |  |
|     | Packaging bulk               | None  |  |  |
| ΙΑΤ | A                            |   |  |  |
|     | UN number                    | UN1950  |  |  |
|     | UN proper shipping name      | Aerosols, flammable, Limited Quantity                                   |  |  |
|     | Transport hazard class(es)   |   |  |  |
|     | Class                        | 2.1   |  |  |
|     | Subsidiary risk              | -   |  |  |
|     | Packing group                | Not assigned.   |  |  |
|     | ERG Code                     | 10L   |  |  |
|     | Special precautions for user | Read safety instructions, SDS and emergency procedures before handling. |  |  |
|     |                              |   |  |  |

| Other information               |   |
|---------------------------------|---|
| Passenger and cargo<br>aircraft | Allowed with restrictions.  |
| Cargo aircraft only             | Allowed with restrictions.  |
| IMDG                            |   |
| UN number                       | UN1950  |
| UN proper shipping name         | AEROSOLS, Limited Quantity  |
| Transport hazard class(es)      |   |
| Class                           | 2.2   |
| Subsidiary risk                 | -   |
| Packing group                   | Not assigned.   |
| Environmental hazards           |   |
| Marine pollutant                | Yes, but exempt from the regulations.                                   |
| EmS                             | F-D, S-U  |
| Special precautions for user    | Read safety instructions, SDS and emergency procedures before handling. |
|                                 |   |

#### DOT; IMDG



# 15. Regulatory information

US federal regulations

This product is a "Hazardous Chemical" as defined by the OSHA Hazard Communication Standard, 29 CFR 1910.1200.

#### SARA 304 Emergency release notification

Not regulated.

#### OSHA Specifically Regulated Substances (29 CFR 1910.1001-1053)

Not listed.

CERCLA Hazardous Substance List (40 CFR 302.4)

Not listed.

#### CERCLA Hazardous Substances: Reportable quantity

#### Not listed.

Spills or releases resulting in the loss of any ingredient at or above its RQ require immediate notification to the National Response Center (800-424-8802) and to your Local Emergency Planning Committee.

#### **Toxic Substances Control Act (TSCA)**

#### TSCA Section 12(b) Export Notification (40 CFR 707, Subpt. D)

Not regulated.

#### Other federal regulations

#### Clean Air Act (CAA) Section 112 Hazardous Air Pollutants (HAPs) List

n-hexane (CAS 110-54-3)

| Clean Air Act (CAA) Sectior<br>Not regulated.   | n 112(r) Accidental Rele  | ease Prevention (40 C   | CFR 68.130)   |      |
|---|---|---|---|------|
| Safe Drinking Water Act<br>(SDWA)   | Contains component(   | s) regulated under the \$   | Safe Drinking Water Act.  |      |
| Food and Drug<br>Administration (FDA)   | Not regulated.  |   |   |      |
| Superfund Amendments and Re   | eauthorization Act of 1   | 986 (SARA)  |   |      |
| Classified hazard<br>categories   | Flammable (gases, ae<br>Gas under pressure<br>Skin corrosion or irrita<br>Serious eye damage o<br>Reproductive toxicity<br>Specific target organ t<br>Aspiration hazard<br>Hazard not otherwise | erosols, liquids, or solid<br>tion<br>or eye irritation<br>oxicity (single or repea |   |      |
| SARA 302 Extremely hazard   | dous substance  |   |   |      |
| Not listed.   |   |   |   |      |
| SARA 311/312 Hazardous<br>chemical  | Yes   |   |   |      |
| SARA 313 (TRI reporting)<br>Chemical name   |   | CAS number  | % by wt.  |      |
| n-hexane  |   | 110-54-3  | 0.1 - 1   |      |
| US state regulations  |   |   |   |      |
| -   | hemicals List. Safer Co   | onsumer Products Re   | gulations (Cal. Code Regs, tit. 22, 69502.3, s                          | ubd. |
| (a))  |   |   | J   |      |
|   | drotreated heavy; Low bo<br>drotreated light; Low boil<br>3)<br>biling point naphtha - uns  | biling point hydrogen tro<br>ing point hydrogen trea<br>specified (CAS 8052-41      | eated naphtha (CAS 64742-48-9)<br>ated naphtha (CAS 64742-49-0)<br>1-3) |      |
| DIPROPYLENE GLYCO<br>NAPHTHA (CAS 64742-4<br>N-HEXANE (CAS 110-54<br>STODDARD SOLVENT (   | 49-0)<br>4-3)   | S 34590-94-8)   |   |      |
| US. Massachusetts RTK - S   |   |   |   |      |
| Dipropylene glycol methy<br>Naphtha (CAS 64742-49<br>n-Hexane (CAS 110-54-3<br>Stoddard solvent (CAS 8  | /l ether (CAS 34590-94-{<br>-0)<br>3)   | 3)  |   |      |
| US. Pennsylvania Worker a   | nd Community Right-to   | o-Know Law  |   |      |
| Hexane (CAS 110-54-3)<br>Kerosine, petroleum (CA<br>Naphtha (CAS 64742-49<br>Propanol, (2-methoxyme<br>Rubber solvent (CAS 647<br>Stoddard solvent (CAS 8 | -0)<br>thylethoxy)- (CAS 34590<br>742-48-9)   | )-94-8)   |   |      |
| US. Rhode Island RTK  |   |   |   |      |
| DIPROPYLENE GLYCO<br>HEXANE (CAS 110-54-3<br>KEROSENE (CAS 64742<br>STODDARD SOLVENT (<br>VM & P NAPTHA (CAS 6  | 8)<br>2-47-8)<br>(CAS 8052-41-3)  | S 34590-94-8)   |   |      |
| California Proposition 65   |   |   |   |      |
| -   | ancer and Reproductive  | Harm - www.P65Warni   | ings.ca.gov   |      |
| California Proposition 6  | 65 - CRT: Listed date/C   | arcinogenic substanc  | Ce  |      |
| benzene (CAS 71-43<br>cumene (CAS 98-82   | 3-2)  | Listed: Febru<br>Listed: April 6  | uary 27, 1987   |      |

| ethylbenzene (CAS 2  | Listed: June 11, 2004  |   |  |
|--|--|---|--|
| naphthalene (CAS   |  |   |  |
|  | 1-20-3) Listed: April 19, 2002<br>5 - CRT: Listed date/Developmental toxin   |   |  |
| benzene (CAS 71-43   | Listed: December 26, 1997  |   |  |
| toluene (CAS 108-88  |  |   |  |
|  | 5 - CRT: Listed date/Male reproductive toxin   |   |  |
| benzene (CAS 71-43   |  |   |  |
| n-hexane (CAS 110-   | •  |   |  |
| Volatile organic compounds (VC   | DC) regulations  |   |  |
| EPA  | 79.2 %   |   |  |
| VOC content (40 CFR<br>51.100(s))  | 19.2 %   |   |  |
| Consumer products<br>(40 CFR 59, Subpt. C)   | Not regulated  |   |  |
| State  |  |   |  |
| Consumer products  | Not regulated  |   |  |
| VOC content (CA)   | 79.2 %   |   |  |
| VOC content (OTC)  | 79.2 %   |   |  |
| International Inventories  |  |   |  |
|  | • •  |   |  |
| Country(s) or region   | Inventory name   | On inventory (yes/no)*  |  |
| <b>Country(s) or region</b><br>Australia   | Inventory name<br>Australian Inventory of Industrial Chemicals (AICIS)   | On inventory (yes/no)*<br>Yes                                   |  |
|  | -  |   |  |
| Australia  | Australian Inventory of Industrial Chemicals (AICIS)   | Yes   |  |
| Australia<br>Canada  | Australian Inventory of Industrial Chemicals (AICIS)<br>Domestic Substances List (DSL)   | Yes   |  |
| Australia<br>Canada<br>Canada  | Australian Inventory of Industrial Chemicals (AICIS)<br>Domestic Substances List (DSL)<br>Non-Domestic Substances List (NDSL)  | Yes<br>Yes<br>No  |  |
| Australia<br>Canada<br>Canada<br>China   | Australian Inventory of Industrial Chemicals (AICIS)<br>Domestic Substances List (DSL)<br>Non-Domestic Substances List (NDSL)<br>Inventory of Existing Chemical Substances in China (IECSC)<br>European Inventory of Existing Commercial Chemical  | Yes<br>Yes<br>No<br>Yes   |  |
| Australia<br>Canada<br>Canada<br>China<br>Europe   | Australian Inventory of Industrial Chemicals (AICIS)<br>Domestic Substances List (DSL)<br>Non-Domestic Substances List (NDSL)<br>Inventory of Existing Chemical Substances in China (IECSC)<br>European Inventory of Existing Commercial Chemical<br>Substances (EINECS)   | Yes<br>Yes<br>No<br>Yes<br>Yes                                  |  |
| Australia<br>Canada<br>Canada<br>China<br>Europe<br>Europe   | Australian Inventory of Industrial Chemicals (AICIS)<br>Domestic Substances List (DSL)<br>Non-Domestic Substances List (NDSL)<br>Inventory of Existing Chemical Substances in China (IECSC)<br>European Inventory of Existing Commercial Chemical<br>Substances (EINECS)<br>European List of Notified Chemical Substances (ELINCS)   | Yes<br>Yes<br>No<br>Yes<br>Yes<br>No                            |  |
| Australia<br>Canada<br>Canada<br>China<br>Europe<br>Europe<br>Japan  | Australian Inventory of Industrial Chemicals (AICIS)<br>Domestic Substances List (DSL)<br>Non-Domestic Substances List (NDSL)<br>Inventory of Existing Chemical Substances in China (IECSC)<br>European Inventory of Existing Commercial Chemical<br>Substances (EINECS)<br>European List of Notified Chemical Substances (ELINCS)<br>Inventory of Existing and New Chemical Substances (ENCS)   | Yes<br>Yes<br>No<br>Yes<br>Yes<br>No<br>No                      |  |
| Australia<br>Canada<br>Canada<br>China<br>Europe<br>Europe<br>Japan<br>Korea                               | Australian Inventory of Industrial Chemicals (AICIS)<br>Domestic Substances List (DSL)<br>Non-Domestic Substances List (NDSL)<br>Inventory of Existing Chemical Substances in China (IECSC)<br>European Inventory of Existing Commercial Chemical<br>Substances (EINECS)<br>European List of Notified Chemical Substances (ELINCS)<br>Inventory of Existing and New Chemical Substances (ENCS)<br>Existing Chemicals List (ECL)  | Yes<br>Yes<br>No<br>Yes<br>Yes<br>No<br>No<br>Yes               |  |
| Australia<br>Canada<br>Canada<br>China<br>Europe<br>Europe<br>Japan<br>Korea<br>New Zealand                | Australian Inventory of Industrial Chemicals (AICIS)<br>Domestic Substances List (DSL)<br>Non-Domestic Substances List (NDSL)<br>Inventory of Existing Chemical Substances in China (IECSC)<br>European Inventory of Existing Commercial Chemical<br>Substances (EINECS)<br>European List of Notified Chemical Substances (ELINCS)<br>Inventory of Existing and New Chemical Substances (ENCS)<br>Existing Chemicals List (ECL)<br>New Zealand Inventory<br>Philippine Inventory of Chemicals and Chemical Substances            | Yes<br>Yes<br>No<br>Yes<br>Yes<br>No<br>No<br>Yes<br>Yes        |  |
| Australia<br>Canada<br>Canada<br>China<br>Europe<br>Europe<br>Japan<br>Korea<br>New Zealand<br>Philippines | Australian Inventory of Industrial Chemicals (AICIS)<br>Domestic Substances List (DSL)<br>Non-Domestic Substances List (NDSL)<br>Inventory of Existing Chemical Substances in China (IECSC)<br>European Inventory of Existing Commercial Chemical<br>Substances (EINECS)<br>European List of Notified Chemical Substances (ELINCS)<br>Inventory of Existing and New Chemical Substances (ENCS)<br>Existing Chemicals List (ECL)<br>New Zealand Inventory<br>Philippine Inventory of Chemicals and Chemical Substances<br>(PICCS) | Yes<br>Yes<br>No<br>Yes<br>Yes<br>No<br>No<br>Yes<br>Yes<br>Yes |  |

\*A "Yes" indicates that all components of this product comply with the inventory requirements administered by the governing country(s) A "No" indicates that one or more components of the product are not listed or exempt from listing on the inventory administered by the governing country(s).

# 16. Other information, including date of preparation or last revision

| Issue date<br>Prepared by<br>Version # | 10-27-2023<br>Joshua Weir<br>01<br>CRC # 522C U(1002528 1002520  |
|--|--|
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Product and Company Identification: Product Codes Hazard(s) identification: Hazard statement Hazard(s) identification: Prevention Composition / Information on Ingredients: Disclosure Overrides Handling and storage: Precautions for safe handling Handling and storage: Conditions for safe storage, including any incompatibilities Physical & Chemical Properties: Multiple Properties Toxicological information: Reproductivity Ecological Information: Ecotoxicity Ecological information: Other adverse effects Disposal considerations: Disposal instructions Disposal considerations: Hazardous waste code Transport Information: Material Transportation Information GHS: Classification