



# SAFETY DATA SHEET

## 1. Identification

**Product identifier** HydroForce® Stainless Steel Cleaner and Polish

**Other means of identification**

**Product code** 14424 (Item #1004977)

**Recommended use** Stainless steel cleaner

**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**

**General Information** 215-674-4300

**Technical Assistance** 800-521-3168

**Customer Service** 800-272-4620

**24-Hour Emergency** 800-424-9300 (US)

**(CHEMTREC)** 703-527-3887 (International)

**Website** www.crcindustries.com

## 2. Hazard(s) identification

**Physical hazards** Gases under pressure Liquefied gas

**Health hazards** Skin corrosion/irritation Category 2  
Serious eye damage/eye irritation Category 2A  
Aspiration hazard Category 1

**Environmental hazards** Hazardous to the aquatic environment, acute hazard Category 3  
Hazardous to the aquatic environment, long-term hazard Category 3

**OSHA defined hazards** Not classified.

**Label elements**



**Signal word** Danger

**Hazard statement** Contains gas under pressure; may explode if heated. May be fatal if swallowed and enters airways. Causes skin irritation. Causes serious eye irritation. Harmful to aquatic life with long lasting effects.

**Precautionary statement**

**Prevention**

Do not puncture or incinerate container. Do not expose to heat or store at temperatures above 49°C/120°F. Use with adequate ventilation. 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. Wash thoroughly after handling. Wear eye protection/face protection. Wear protective gloves. Avoid release to the environment.

**Response**

If swallowed: Immediately call a poison center/doctor. Do NOT induce vomiting. If on skin: Wash with plenty of water. If skin irritation occurs: Get medical advice/attention. Take off contaminated clothing and wash before reuse. If in eyes: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. If eye irritation persists: Get medical advice/attention.

|                                                  |                                                                                                                                |
|--------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------|
| <b>Storage</b>                                   | Store locked up. Protect from sunlight. Store in a well-ventilated place. Exposure to high temperature may cause can to burst. |
| <b>Disposal</b>                                  | Dispose of contents/container in accordance with local/regional/national regulations.                                          |
| <b>Hazard(s) not otherwise classified (HNOC)</b> | None known.                                                                                                                    |

### 3. Composition/information on ingredients

#### Mixtures

| Chemical name                               | Common name and synonyms | CAS number | %       |
|---------------------------------------------|--------------------------|------------|---------|
| water                                       |                          | 7732-18-5  | 50 - 60 |
| white mineral oil                           |                          | 8042-47-5  | 20 - 30 |
| distillates (petroleum), hydrotreated light |                          | 64742-47-8 | 5 - 10  |
| liquefied petroleum gas                     |                          | 68476-86-8 | 5 - 10  |
| dioctyl sodium sulfosuccinate               |                          | 577-11-7   | 1 - 3   |

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

### 4. First-aid measures

|                                                                               |                                                                                                                                                                                                          |
|-------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Inhalation</b>                                                             | Remove victim to fresh air and keep at rest in a position comfortable for breathing. Call a physician if symptoms develop or persist.                                                                    |
| <b>Skin contact</b>                                                           | Remove contaminated clothing. Wash off immediately with soap and plenty of water. If skin irritation occurs: Get medical advice/attention. Wash contaminated clothing before reuse.                      |
| <b>Eye contact</b>                                                            | 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.      |
| <b>Ingestion</b>                                                              | 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.                        |
| <b>Most important symptoms/effects, acute and delayed</b>                     | Aspiration may cause pulmonary edema and pneumonitis. Severe eye irritation. Symptoms may include stinging, tearing, redness, swelling, and blurred vision. Skin irritation. May cause redness and pain. |
| <b>Indication of immediate medical attention and special treatment needed</b> | Provide general supportive measures and treat symptomatically. Keep victim under observation. Symptoms may be delayed.                                                                                   |
| <b>General information</b>                                                    | Ensure that medical personnel are aware of the material(s) involved, and take precautions to protect themselves.                                                                                         |

### 5. Fire-fighting measures

|                                                                      |                                                                                                                                                                                                                                                                                      |
|----------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Suitable extinguishing media</b>                                  | Water fog. Foam. Dry chemical powder. Dry chemicals. Carbon dioxide (CO2).                                                                                                                                                                                                           |
| <b>Unsuitable extinguishing media</b>                                | Do not use water jet as an extinguisher, as this will spread the fire.                                                                                                                                                                                                               |
| <b>Specific hazards arising from the chemical</b>                    | Pressurized container may rupture when exposed to heat or flame. During fire, gases hazardous to health may be formed.                                                                                                                                                               |
| <b>Special protective equipment and precautions for firefighters</b> | Self-contained breathing apparatus and full protective clothing must be worn in case of fire.                                                                                                                                                                                        |
| <b>Fire-fighting equipment/instructions</b>                          | In case of fire: Stop leak if safe to do so. Move containers from fire area if you can do so without risk. Cool containers exposed to heat with water spray and remove container, if no risk is involved. Containers should be cooled with water to prevent vapor pressure build up. |
| <b>General fire hazards</b>                                          | Contents under pressure. Pressurized container may rupture when exposed to heat or flame.                                                                                                                                                                                            |

### 6. Accidental release measures

|                                                                            |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |
|----------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Personal precautions, protective equipment and emergency procedures</b> | Keep unnecessary personnel away. Keep people away from and upwind of spill/leak. 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). Many vapors 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. 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. 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. 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.

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**7. Handling and storage****Precautions for safe handling**

Pressurized container: Do not pierce or burn, even after use. Do not use if spray button is missing or defective. Do not spray on a naked flame or any other incandescent material. Do not smoke while using or until sprayed surface is thoroughly dry. Do not cut, weld, solder, drill, grind, or expose containers to heat, flame, sparks, or other sources of ignition. Use caution around energized equipment. The metal container will conduct electricity if it contacts a live source. This may result in injury to the user from electrical shock and/or flash fire. Do not get this material in contact with eyes. Avoid contact with eyes, skin, and clothing. Avoid prolonged or repeated contact with skin. Avoid prolonged exposure. Use only in well-ventilated areas. Wear appropriate personal protective equipment. Wash hands thoroughly after handling. Avoid release to the environment. Observe good industrial hygiene practices. For product usage instructions, see the product label.

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

Level 1 Aerosol.

Contents under pressure. Do not expose to heat or store at temperatures above 120°F/49°C as can may burst. Do not puncture, incinerate or crush. Do not handle or store near an open flame, heat or other sources of ignition. Store in a well-ventilated place. Store away from incompatible materials (see Section 10 of the SDS).

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**8. Exposure controls/personal protection****Occupational exposure limits**

The following constituents are the only constituents of the product which have a PEL, TLV or other recommended exposure limit. At this time, the other constituents have no known exposure limits.

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

| Components                                                   | Type | Value              | Form  |
|--------------------------------------------------------------|------|--------------------|-------|
| distillates (petroleum), hydrotreated light (CAS 64742-47-8) | PEL  | 400 mg/m3          |       |
| white mineral oil (CAS 8042-47-5)                            | PEL  | 100 ppm<br>5 mg/m3 | Mist. |

**US. ACGIH Threshold Limit Values**

| Components                        | Type | Value   | Form                |
|-----------------------------------|------|---------|---------------------|
| white mineral oil (CAS 8042-47-5) | TWA  | 5 mg/m3 | Inhalable fraction. |

**US. NIOSH: Pocket Guide to Chemical Hazards**

| Components                                                   | Type | Value     | Form  |
|--------------------------------------------------------------|------|-----------|-------|
| distillates (petroleum), hydrotreated light (CAS 64742-47-8) | TWA  | 100 mg/m3 |       |
| white mineral oil (CAS 8042-47-5)                            | STEL | 10 mg/m3  | Mist. |
|                                                              | TWA  | 5 mg/m3   | Mist. |

**Biological limit values**

No biological exposure limits noted for the ingredient(s).

**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. Provide eyewash station. Eye wash fountain and emergency showers are recommended.

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

**Eye/face protection** Wear safety glasses with side shields (or goggles).

**Skin protection**

**Hand protection** Wear protective gloves such as: Nitrile. Polyvinyl chloride (PVC).

|                                       |                                                                                                                                                                                                                                                                                                                                    |
|---------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Other</b>                          | Wear suitable protective clothing. Use of an impervious apron is recommended.                                                                                                                                                                                                                                                      |
| <b>Respiratory protection</b>         | 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. |
| <b>Thermal hazards</b>                | Wear appropriate thermal protective clothing, when necessary.                                                                                                                                                                                                                                                                      |
| <b>General hygiene considerations</b> | When using do not smoke. Always observe good personal hygiene measures, such as washing after handling the material and before eating, drinking, and/or smoking. Routinely wash work clothing and protective equipment to remove contaminants.                                                                                     |

## 9. Physical and chemical properties

### Appearance

|                                                     |                             |
|-----------------------------------------------------|-----------------------------|
| <b>Physical state</b>                               | Liquid.                     |
| <b>Form</b>                                         | Aerosol.                    |
| <b>Color</b>                                        | Milky white.                |
| <b>Odor</b>                                         | Mild petroleum.             |
| <b>Odor threshold</b>                               | Not available.              |
| <b>pH</b>                                           | 10.5                        |
| <b>Melting point/freezing point</b>                 | -56.2 °F (-49 °C) estimated |
| <b>Initial boiling point and boiling range</b>      | 200 °F (93.3 °C) estimated  |
| <b>Flash point</b>                                  | None (Tag Closed Cup)       |
| <b>Evaporation rate</b>                             | Slow.                       |
| <b>Flammability (solid, gas)</b>                    | Not available.              |
| <b>Upper/lower flammability or explosive limits</b> |                             |
| <b>Flammability limit - lower (%)</b>               | 0.6 % estimated             |
| <b>Flammability limit - upper (%)</b>               | 23.5 % estimated            |
| <b>Vapor pressure</b>                               | 321.7 hPa estimated         |
| <b>Vapor density</b>                                | Not available.              |
| <b>Relative density</b>                             | 0.92 estimated              |
| <b>Solubility (water)</b>                           | Soluble.                    |
| <b>Partition coefficient (n-octanol/water)</b>      | Not available.              |
| <b>Auto-ignition temperature</b>                    | 428 °F (220 °C) estimated   |
| <b>Decomposition temperature</b>                    | Not available.              |
| <b>Viscosity (kinematic)</b>                        | Not available.              |
| <b>Percent volatile</b>                             | 95 % estimated              |

## 10. Stability and reactivity

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

## 11. Toxicological information

### Information on likely routes of exposure

|                     |                                      |
|---------------------|--------------------------------------|
| <b>Inhalation</b>   | Prolonged inhalation may be harmful. |
| <b>Skin contact</b> | Causes skin irritation.              |

|                                                                                     |                                                                                                                                                                                                          |
|-------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Eye contact</b>                                                                  | Causes serious eye irritation.                                                                                                                                                                           |
| <b>Ingestion</b>                                                                    | Droplets of the product aspirated into the lungs through ingestion or vomiting may cause a serious chemical pneumonia.                                                                                   |
| <b>Symptoms related to the physical, chemical and toxicological characteristics</b> | Aspiration may cause pulmonary edema and pneumonitis. Severe eye irritation. Symptoms may include stinging, tearing, redness, swelling, and blurred vision. 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      |
|--------------------------------------------------------------|---------|-------------------|
| distillates (petroleum), hydrotreated light (CAS 64742-47-8) |         |                   |
| <b>Acute</b>                                                 |         |                   |
| <b>Dermal</b>                                                |         |                   |
| LD50                                                         | Rabbit  | > 2000 mg/kg      |
| white mineral oil (CAS 8042-47-5)                            |         |                   |
| <b>Acute</b>                                                 |         |                   |
| <b>Dermal</b>                                                |         |                   |
| LD50                                                         | Rabbit  | > 2000 mg/kg      |
| <b>Inhalation</b>                                            |         |                   |
| LC50                                                         | Rat     | > 5 mg/l, 4 hours |

\* Estimates for product may be based on additional component data not shown.

|                                          |                                                                                                                  |
|------------------------------------------|------------------------------------------------------------------------------------------------------------------|
| <b>Skin corrosion/irritation</b>         | Causes skin irritation.                                                                                          |
| <b>Serious eye damage/eye irritation</b> | Causes serious eye irritation.                                                                                   |
| <b>Respiratory sensitization</b>         | Not a respiratory sensitizer.                                                                                    |
| <b>Skin sensitization</b>                | This product is not expected to cause skin sensitization.                                                        |
| <b>Germ cell mutagenicity</b>            | No data available to indicate product or any components present at greater than 0.1% are mutagenic or genotoxic. |
| <b>Carcinogenicity</b>                   | Not classifiable as to carcinogenicity to humans.                                                                |

#### IARC Monographs. Overall Evaluation of Carcinogenicity

white mineral oil (CAS 8042-47-5) 3 Not classifiable as to carcinogenicity to humans.

#### OSHA Specifically Regulated Substances (29 CFR 1910.1001-1050)

Not regulated.

#### US. National Toxicology Program (NTP) Report on Carcinogens

Not listed.

|                                                           |                                                                                                                                                               |
|-----------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Reproductive toxicity</b>                              | This product is not expected to cause reproductive or developmental effects.                                                                                  |
| <b>Specific target organ toxicity - single exposure</b>   | Not classified.                                                                                                                                               |
| <b>Specific target organ toxicity - repeated exposure</b> | Not classified.                                                                                                                                               |
| <b>Aspiration hazard</b>                                  | May be fatal if swallowed and enters airways. If aspirated into lungs during swallowing or vomiting, may cause chemical pneumonia, pulmonary injury or death. |
| <b>Chronic effects</b>                                    | Prolonged inhalation may be harmful. Prolonged exposure may cause chronic effects.                                                                            |

## 12. Ecological information

**Ecotoxicity** Harmful to aquatic life with long lasting effects.

| Components                                   | Species                                                   | Test Results           |
|----------------------------------------------|-----------------------------------------------------------|------------------------|
| dioctyl sodium sulfosuccinate (CAS 577-11-7) |                                                           |                        |
| <b>Aquatic</b>                               |                                                           |                        |
| Fish                                         | LC50 Rainbow trout, donaldson trout (Oncorhynchus mykiss) | 20 - 40 mg/l, 96 hours |

| Components                                                                   | Species                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 | Test Results               |
|------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------|
| distillates (petroleum), hydrotreated light (CAS 64742-47-8)                 |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |                            |
| <b>Aquatic</b>                                                               |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |                            |
| Crustacea                                                                    | EC50                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    | Water flea (Daphnia pulex) |
|                                                                              |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         | 2.7 - 5.1 mg/l, 48 hours   |
| * Estimates for product may be based on additional component data not shown. |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |                            |
| <b>Persistence and degradability</b>                                         | No data is available on the degradability of this product.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |                            |
| <b>Bioaccumulative potential</b>                                             |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |                            |
| <b>Partition coefficient n-octanol / water (log Kow)</b>                     |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |                            |
| distillates (petroleum), hydrotreated light                                  |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         | > 4                        |
| <b>Mobility in soil</b>                                                      | No data available.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |                            |
| <b>Other adverse effects</b>                                                 | No other adverse environmental effects (e.g. ozone depletion, photochemical ozone creation potential, endocrine disruption, global warming potential) are expected from this component.                                                                                                                                                                                                                                                                                                                                                                                                 |                            |
| <b>13. Disposal considerations</b>                                           |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |                            |
| <b>Disposal of waste from residues / unused products</b>                     | The dispensed liquid product is not a RCRA hazardous waste (See 40 CFR Part 261.20 - 261.33). Empty container can be recycled. Collect and reclaim or dispose in sealed containers at licensed waste disposal site. Contents under pressure. The dispensed liquid product is not a RCRA hazardous waste (See 40 CFR Part 261.20 - 261.33). Do not puncture, incinerate or crush. Do not allow this material to drain into sewers/water supplies. Do not contaminate ponds, waterways or ditches with chemical or used container. Dispose in accordance with all applicable regulations. |                            |
| <b>Hazardous waste code</b>                                                  | Not regulated.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |                            |
| <b>Contaminated packaging</b>                                                | Since emptied containers may retain product residue, follow label warnings even after container is emptied. Empty containers should be taken to an approved waste handling site for recycling or disposal.                                                                                                                                                                                                                                                                                                                                                                              |                            |
| <b>14. Transport information</b>                                             |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |                            |
| <b>DOT</b>                                                                   |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |                            |
| <b>UN number</b>                                                             | UN1950                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |                            |
| <b>UN proper shipping name</b>                                               | Aerosols, non-flammable, Limited Quantity                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |                            |
| <b>Transport hazard class(es)</b>                                            |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |                            |
| <b>Class</b>                                                                 | 2.2                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |                            |
| <b>Subsidiary risk</b>                                                       | -                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |                            |
| <b>Label(s)</b>                                                              | 2.2                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |                            |
| <b>Packing group</b>                                                         | Not applicable.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |                            |
| <b>Special precautions for user</b>                                          | Read safety instructions, SDS and emergency procedures before handling.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |                            |
| <b>Packaging exceptions</b>                                                  | 306                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |                            |
| <b>Packaging non bulk</b>                                                    | None                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |                            |
| <b>Packaging bulk</b>                                                        | None                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |                            |
| <b>IATA</b>                                                                  |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |                            |
| <b>UN number</b>                                                             | UN1950                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |                            |
| <b>UN proper shipping name</b>                                               | Aerosols, non-flammable, Limited Quantity                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |                            |
| <b>Transport hazard class(es)</b>                                            |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |                            |
| <b>Class</b>                                                                 | 2.2                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |                            |
| <b>Subsidiary risk</b>                                                       | -                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |                            |
| <b>Packing group</b>                                                         | Not applicable.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |                            |
| <b>ERG Code</b>                                                              | 2L                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |                            |
| <b>Special precautions for user</b>                                          | Read safety instructions, SDS and emergency procedures before handling.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |                            |
| <b>Other information</b>                                                     |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |                            |
| <b>Passenger and cargo aircraft</b>                                          | Allowed with restrictions.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |                            |
| <b>Cargo aircraft only</b>                                                   | Allowed with restrictions.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |                            |
| <b>IMDG</b>                                                                  |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |                            |
| <b>UN number</b>                                                             | UN1950                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |                            |
| <b>UN proper shipping name</b>                                               | AEROSOLS, Limited Quantity                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |                            |
| <b>Transport hazard class(es)</b>                                            |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |                            |
| <b>Class</b>                                                                 | 2                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |                            |
| <b>Subsidiary risk</b>                                                       | -                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |                            |
| <b>Packing group</b>                                                         | Not applicable.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |                            |

**Environmental hazards****Marine pollutant** No.**EmS** F-D, S-U**Special precautions for user** Read safety instructions, SDS and emergency procedures before handling.

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**15. Regulatory information****US federal regulations** This product is a "Hazardous Chemical" as defined by the OSHA Hazard Communication Standard, 29 CFR 1910.1200.**TSCA Section 12(b) Export Notification (40 CFR 707, Subpt. D)**

Not regulated.

**SARA 304 Emergency release notification**

Not regulated.

**OSHA Specifically Regulated Substances (29 CFR 1910.1001-1050)**

Not regulated.

**US EPCRA (SARA Title III) Section 313 - Toxic Chemical: Listed substance**

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.

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

Not regulated.

**Clean Air Act (CAA) Section 112(r) Accidental Release Prevention (40 CFR 68.130)**

Not regulated.

**Safe Drinking Water Act (SDWA)** Not regulated.**Food and Drug Administration (FDA)** Not regulated.**Superfund Amendments and Reauthorization Act of 1986 (SARA)****Section 311/312 Hazard categories**  
Immediate Hazard - Yes  
Delayed Hazard - No  
Fire Hazard - No  
Pressure Hazard - Yes  
Reactivity Hazard - No**SARA 302 Extremely hazardous substance** No**US state regulations****US. California. Candidate Chemicals List. Safer Consumer Products Regulations (Cal. Code Regs, tit. 22, 69502.3, subd. (a))**

liquefied petroleum gas (CAS 68476-86-8)

**US. New Jersey Worker and Community Right-to-Know Act**

Not listed.

**US. Massachusetts RTK - Substance List**

white mineral oil (CAS 8042-47-5)

**US. Pennsylvania Worker and Community Right-to-Know Law**

white mineral oil (CAS 8042-47-5)

**US. Rhode Island RTK**

white mineral oil (CAS 8042-47-5)

**US. California Proposition 65**

WARNING: This product contains a chemical known to the State of California to cause cancer and birth defects or other reproductive harm.

**US - California Proposition 65 - CRT: Listed date/Carcinogenic substance**

1,3-dichloropropene (CAS 542-75-6)

Listed: January 1, 1989

1,4-dioxane (CAS 123-91-1)

Listed: January 1, 1988



diethanolamine (CAS 111-42-2)  
ethylene oxide (CAS 75-21-8)  
methylene chloride (CAS 75-09-2)

Listed: June 22, 2012  
Listed: July 1, 1987  
Listed: April 1, 1988

**US - California Proposition 65 - CRT: Listed date/Developmental toxin**

ethylene oxide (CAS 75-21-8) Listed: August 7, 2009

**US - California Proposition 65 - CRT: Listed date/Female reproductive toxin**

ethylene oxide (CAS 75-21-8) Listed: February 27, 1987

**US - California Proposition 65 - CRT: Listed date/Male reproductive toxin**

ethylene oxide (CAS 75-21-8) Listed: August 7, 2009

**Volatile organic compounds (VOC) regulations**

**EPA**

**VOC content (40 CFR 51.100(s))** 35.2 %

**Consumer products (40 CFR 59, Subpt. C)** Not regulated

**State**

**Consumer products** This product is regulated as a Metal Polish or Cleanser (aerosol). This product is compliant for use in all 50 states.

**VOC content (CA)** 14.5 %

**VOC content (OTC)** 14.5 %

**International Inventories**

| Country(s) or region        | Inventory name                                                         | On inventory (yes/no)* |
|-----------------------------|------------------------------------------------------------------------|------------------------|
| Australia                   | Australian Inventory of Chemical Substances (AICS)                     | No                     |
| Canada                      | Domestic Substances List (DSL)                                         | No                     |
| Canada                      | Non-Domestic Substances List (NDSL)                                    | Yes                    |
| China                       | Inventory of Existing Chemical Substances in China (IECSC)             | Yes                    |
| Europe                      | European Inventory of Existing Commercial Chemical Substances (EINECS) | No                     |
| Europe                      | European List of Notified Chemical Substances (ELINCS)                 | No                     |
| Japan                       | Inventory of Existing and New Chemical Substances (ENCS)               | No                     |
| Korea                       | Existing Chemicals List (ECL)                                          | No                     |
| New Zealand                 | New Zealand Inventory                                                  | No                     |
| Philippines                 | Philippine Inventory of Chemicals and Chemical Substances (PICCS)      | No                     |
| United States & Puerto Rico | Toxic Substances Control Act (TSCA) Inventory                          | 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).

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

**Issue date** 04-30-2015  
**Revision date** 06-20-2017  
**Prepared by** Allison Yoon  
**Version #** 03  
**Further information** CRC # 925B  
**HMIS® ratings** Health: 2  
Flammability: 1  
Physical hazard: 0  
Personal protection: B  
**NFPA ratings** Health: 2  
Flammability: 1  
Instability: 0  
**NFPA ratings**





**Disclaimer**

The information contained in this document applies to this specific material as supplied. It may not be valid for this material if it is used in combination with any other materials. This information is accurate to the best of CRC's knowledge or obtained from sources believed by CRC to be accurate. Before using any product, read all warnings and directions on the label. For further clarification of any information contained on this (M)SDS consult your supervisor, a health & safety professional, or CRC Industries, Inc..

**Revision Information**

Product and Company Identification: Product Codes

First-aid measures: Eye contact

First-aid measures: Most important symptoms/effects, acute and delayed

Toxicological information: Corrosivity

Toxicological information: Eye contact

Toxicological information: Eye contact

Toxicological information: Ingestion

Toxicological information: Inhalation

Toxicological information: Skin contact

Toxicological information: Symptoms related to the physical, chemical and toxicological characteristics