# SAFETY DATA SHEET

## 1. Identification

**Product identifier** **LPS® Copper Anti-Seize Aerosol**

**Other means of identification**

**Part Number** 02916, C02916

**Recommended use** A low-friction anti-seize spray lubricant designed to prevent seizure and galling and resist settling and hardening of welding.

**Recommended restrictions** None known.

**Manufacturer/Importer/Supplier/Distributor information**

**Manufacturer**

**Company name** ITW Pro Brands

**Address** 4647 Hugh Howell Rd.
Tucker, GA 30084

**Country** (U.S.A.)
Tel: +1 770-243-8800

**In Case of Emergency** 1-800-424-9300
1-703-527-3887

**Website** www.lpslabs.com

**E-mail** lpssds@itwprobrands.com

**Supplier** ITW Permatex Canada
1-35 Brownridge Road
Halton Hills, ON, L7G 0C6
Canada
1-800-241-8334

## 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 2A |
| | Specific target organ toxicity, single exposure | Category 3 narcotic effects |
| **Environmental hazards** | Not classified. | |

**Label elements**

**Signal word** Danger

**Hazard statement** Extremely flammable aerosol. Contains gas under pressure; may explode if heated. Causes skin irritation. Causes serious eye irritation. May cause drowsiness or dizziness.

**Precautionary statement**

**Prevention** Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking. Do not spray on an open flame or other ignition source. Do not pierce or burn, even after use. Avoid breathing gas. Wash thoroughly after handling. Use only outdoors or in a well-ventilated area. Wear eye protection/face protection. Wear protective gloves.

**Response** IF ON SKIN: Wash with plenty of water. IF INHALED: Remove person to fresh air and keep comfortable for breathing. IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Call a POISON CENTER/doctor if you feel unwell. If skin irritation occurs: Get medical advice/attention. If eye irritation persists: Get medical advice/attention. Take off contaminated clothing and wash it before reuse.

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

| | |
|---|---|
| **Disposal** | Dispose of contents/container in accordance with local/regional/national/international regulations. |
| **Other hazards** | None known. |
| **Supplemental information** | None. |

## 3. Composition/information on ingredients

**Mixtures**

| Chemical name | Common name and synonyms | CAS number | % |
|---|---|---|---|
| Petroleum Gases, Liquefied, Sweetened | | 68476-86-8 | 30 - 40 |
| Distillates Petroleum Hydrotreated Light | | 64742-47-8 | 10 - 20 |
| Petroleum Oil | | 64742-52-5 | 10 - 20 |
| Residual oils, petroleum, solvent refined | | | 10 - 20 |
| Copper | | 7440-50-8 | 1 - 5 |
| Solvent naphtha (petroleum), light aliphatic | | 64742-89-8 | 1 - 5 |
| Acetone | | 67-64-1 | 1 - 3 |
| Aluminum Benzoate Fatty Acid Complex | | 82980-54-9 | 1 - 3 |
| Calcium Carbonate | | 471-34-1 | 1 - 3 |
| Graphite | | 7782-42-5 | 1 - 3 |
| Magnesium Silicate Hydrate | Talc, not containing asbestiform fibres | 14807-96-6 | 1 - 3 |
| Molydenum Disulfide | | 1317-33-5 | 1 - 3 |
| Talc, containing no asbestos or crystalline silica | | 12001-26-2 | 1 - 3 |

All concentrations are in percent by weight unless ingredient is a gas. Gas concentrations are in percent by volume.

## 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** | Not likely, due to the form of the product. In the unlikely event of swallowing contact a physician or poison control center. Rinse mouth. |
| **Most important symptoms/effects, acute and delayed** | May cause drowsiness and dizziness. Headache. Nausea, vomiting. Severe eye irritation. Symptoms may include stinging, tearing, redness, swelling, and blurred vision. Skin irritation. May cause redness and pain. |
| **Indication of immediate medical attention and special treatment needed** | Provide general supportive measures and treat symptomatically. Keep victim under observation. Symptoms may be delayed. |
| **General information** | Ensure that medical personnel are aware of the material(s) involved, and take precautions to protect themselves. |

## 5. Fire-fighting measures

| | |
|---|---|
| **Suitable extinguishing media** | Water spray. Water fog. Alcohol resistant foam. Dry chemical powder. Carbon dioxide (CO2). |
| **Unsuitable extinguishing media** | Do not use a solid water stream as it may scatter and spread fire. |
| **Specific hazards arising from the chemical** | Contents under pressure. Pressurized container may explode when exposed to heat or flame. During fire, gases hazardous to health may be formed. |
| **Special protective equipment 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 equipment/instructions** | In case of fire: Stop leak if safe to do so. Do not move cargo or vehicle if cargo has been exposed to heat. Move containers from fire area if you can do so without risk. Containers should be cooled with water to prevent vapor pressure build up. For massive fire in cargo area, use unmanned hose holder or monitor nozzles, if possible. If not, withdraw and let fire burn out. Do not move cargo or vehicle if cargo has been exposed to heat. For massive fire in cargo area, use unmanned hose holder or monitor nozzles, if possible. If not, withdraw and let fire burn out. |
| **Specific methods** | Use standard firefighting procedures and consider the hazards of other involved materials. Move containers from fire area if you can do so without risk. Cool containers exposed to flames with water until well after the fire is out. In the event of fire and/or explosion do not breathe fumes. |
| **General fire hazards** | Extremely flammable aerosol. Contents under pressure. Pressurized container may explode when exposed to heat or flame. |

## 6. Accidental release measures

| | |
|---|---|
| **Personal precautions, protective equipment and emergency procedures** | 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). Wear appropriate protective equipment and clothing during clean-up. Avoid breathing gas. 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** | Refer to attached safety data sheets and/or instructions for use. Stop leak if you can do so without risk. Use water spray to reduce vapors or divert vapor cloud drift. Isolate area until gas has dispersed. Eliminate all ignition sources (no smoking, flares, sparks, or flames in immediate area). Keep combustibles (wood, paper, oil, etc.) away from spilled material. Prevent entry into waterways, sewer, basements or confined areas. Absorb in vermiculite, dry sand or earth and place into containers. Following product recovery, flush area with water.<br><br>Small Spills: 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 discharge into drains, water courses or onto the ground. |

## 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. All equipment used when handling the product must be grounded. Do not re-use empty containers. Avoid breathing gas. Avoid contact with eyes, skin, and clothing. Avoid prolonged exposure. Use only in well-ventilated areas. Wear appropriate personal protective equipment. Observe good industrial hygiene practices. |
| **Conditions for safe storage, including any incompatibilities** | Level 3 Aerosol.<br><br>Store locked up. 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. 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**

**ACGIH**

| Components | Type | Value | Form |
|---|---|---|---|
| Petroleum Oil (CAS 64742-52-5) | TWA | 5 mg/m3 | Oil mist |

**US. ACGIH Threshold Limit Values**

| Components | Type | Value | Form |
|---|---|---|---|
| Acetone (CAS 67-64-1) | STEL | 500 ppm | |
| | TWA | 250 ppm | |
| Copper (CAS 7440-50-8) | TWA | 1 mg/m3 | Dust and mist. |
| | | 0.2 mg/m3 | Fume. |
| Graphite (CAS 7782-42-5) | TWA | 2 mg/m3 | Respirable fraction. |

**US. ACGIH Threshold Limit Values**

| Components | Type | Value | Form |
|---|---|---|---|
| Magnesium Silicate Hydrate (CAS 14807-96-6) | TWA | 2 mg/m3 | Respirable fraction. |
| Talc, containing no asbestos or crystalline silica (CAS 12001-26-2) | TWA | 3 mg/m3 | Respirable fraction. |

**Canada. Alberta OELs (Occupational Health & Safety Code, Schedule 1, Table 2)**

| Components | Type | Value | Form |
|---|---|---|---|
| Acetone (CAS 67-64-1) | STEL | 1800 mg/m3<br>750 ppm | |
| | TWA | 1200 mg/m3<br>500 ppm | |
| Calcium Carbonate (CAS 471-34-1) | TWA | 10 mg/m3 | |
| Copper (CAS 7440-50-8) | TWA | 1 mg/m3 | Dust and mist. |
| | | 0.2 mg/m3 | Fume. |
| Graphite (CAS 7782-42-5) | TWA | 2 mg/m3 | Respirable. |
| Magnesium Silicate Hydrate (CAS 14807-96-6) | TWA | 2 mg/m3 | Respirable particles. |
| Talc, containing no asbestos or crystalline silica (CAS 12001-26-2) | TWA | 3 mg/m3 | Respirable. |

**Canada. British Columbia OELs. (Occupational Exposure Limits for Chemical Substances, Occupational Health and Safety Regulation 296/97, as amended)**

| Components | Type | Value | Form |
|---|---|---|---|
| Acetone (CAS 67-64-1) | STEL | 500 ppm | |
| | TWA | 250 ppm | |
| Copper (CAS 7440-50-8) | TWA | 1 mg/m3 | Dust and mist. |
| | | 0.2 mg/m3 | Fume. |
| Distillates Petroleum Hydrotreated Light (CAS 64742-47-8) | TWA | 200 mg/m3 | Non-aerosol. |
| Graphite (CAS 7782-42-5) | TWA | 2 mg/m3 | Respirable. |
| Magnesium Silicate Hydrate (CAS 14807-96-6) | TWA | 2 mg/m3 | Respirable. |
| Talc, containing no asbestos or crystalline silica (CAS 12001-26-2) | TWA | 3 mg/m3 | Respirable. |

**Canada. Manitoba OELs (Reg. 217/2006, The Workplace Safety And Health Act)**

| Components | Type | Value | Form |
|---|---|---|---|
| Acetone (CAS 67-64-1) | STEL | 500 ppm | |
| | TWA | 250 ppm | |
| Copper (CAS 7440-50-8) | TWA | 1 mg/m3 | Dust and mist. |
| | | 0.2 mg/m3 | Fume. |
| Graphite (CAS 7782-42-5) | TWA | 2 mg/m3 | Respirable fraction. |
| Magnesium Silicate Hydrate (CAS 14807-96-6) | TWA | 2 mg/m3 | Respirable fraction. |
| Talc, containing no asbestos or crystalline silica (CAS 12001-26-2) | TWA | 3 mg/m3 | Respirable fraction. |

**Canada. Ontario OELs. (Control of Exposure to Biological or Chemical Agents)**

| Components | Type | Value | Form |
|---|---|---|---|
| Acetone (CAS 67-64-1) | STEL | 750 ppm | |
| | TWA | 500 ppm | |
| Copper (CAS 7440-50-8) | TWA | 1 mg/m3 | Dust and fume. |
| | | 0.2 mg/m3 | Fume. |

**Canada. Ontario OELs. (Control of Exposure to Biological or Chemical Agents)**

| Components | Type | Value | Form |
|---|---|---|---|
| Graphite (CAS 7782-42-5) | TWA | 2 mg/m3 | Respirable fraction. |
| Magnesium Silicate Hydrate (CAS 14807-96-6) | TWA | 2 fibers/ml | |
| | | 2 mg/m3 | Respirable fraction. |
| Talc, containing no asbestos or crystalline silica (CAS 12001-26-2) | TWA | 3 mg/m3 | Respirable fraction. |

**Canada. Quebec OELs. (Ministry of Labor - Regulation Respecting the Quality of the Work Environment)**

| Components | Type | Value | Form |
|---|---|---|---|
| Acetone (CAS 67-64-1) | STEL | 2380 mg/m3 | |
| | | 1000 ppm | |
| | TWA | 1190 mg/m3 | |
| | | 500 ppm | |
| Calcium Carbonate (CAS 471-34-1) | TWA | 10 mg/m3 | Total dust. |
| Copper (CAS 7440-50-8) | TWA | 1 mg/m3 | Dust and mist. |
| | | 0.2 mg/m3 | Fume. |
| Graphite (CAS 7782-42-5) | TWA | 2 mg/m3 | Respirable dust. |
| Magnesium Silicate Hydrate (CAS 14807-96-6) | TWA | 3 mg/m3 | Respirable dust. |
| Talc, containing no asbestos or crystalline silica (CAS 12001-26-2) | TWA | 3 mg/m3 | Respirable dust. |

**Biological limit values**

**ACGIH Biological Exposure Indices**

| Components | Value | Determinant | Specimen | Sampling Time |
|---|---|---|---|---|
| Acetone (CAS 67-64-1) | 25 mg/l | Acetone | Urine | * |

* - For sampling details, please see the source document.

**Exposure guidelines**

**Canada - British Columbia OELs: Skin designation**

Distillates Petroleum Hydrotreated Light (CAS 64742-47-8) — 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 must be available when handling this product.

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

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

**Skin protection**

**Hand protection** — Wear appropriate chemical resistant gloves. Suitable gloves can be recommended by the glove supplier.

**Other** — Wear appropriate chemical resistant clothing.

**Respiratory protection** — If permissible levels are exceeded use NIOSH mechanical filter / organic vapor cartridge or an air-supplied respirator.

**Thermal hazards** — Wear appropriate thermal protective clothing, when necessary.

**General hygiene considerations** — 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**

**Physical state** — Gas.

**Form** — Aerosol.

**Color** — Copper Brown.

| | |
|---|---|
| **Odor** | Slight petroleum odor |
| **Odor threshold** | Not available. |
| **pH** | Not available. |
| **Melting point/freezing point** | 500 °F (260 °C) |
| **Initial boiling point and boiling range** | Not available. |
| **Flash point** | > 104.0 °F (> 40.0 °C) Tag Closed Cup |
| **Evaporation rate** | > 1 BuAc |
| **Flammability (solid, gas)** | Flammable gas. |
| **Upper/lower flammability or explosive limits** | |
| **Explosive limit - lower (%)** | Not available. |
| **Explosive limit - upper (%)** | Not available. |
| **Vapor pressure** | Not available. |
| **Vapor density** | Not available. |
| **Relative density** | Not available. |
| **Solubility(ies)** | |
| **Solubility (water)** | Not soluble |
| **Partition coefficient (n-octanol/water)** | Not available. |
| **Auto-ignition temperature** | Not available. |
| **Decomposition temperature** | Not available. |
| **Viscosity** | 6600 cP @ 25°C |
| **Other information** | |
| **Explosive properties** | Not explosive. |
| **Heat of combustion** | > 30 kJ/g |
| **Oxidizing properties** | Not oxidizing. |
| **Percent volatile** | 40 - 50 % |
| **Specific gravity** | 0.99 @ 20ºC |
| **VOC** | 39.4 % per State and Federal Consumer Product Regulations |

## 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 reactions** | Hazardous polymerization does not occur. |
| **Conditions to avoid** | Heat. Avoid temperatures exceeding the flash point. Contact with incompatible materials. |
| **Incompatible materials** | Strong oxidizing agents. Acids. |
| **Hazardous decomposition products** | Carbon oxides. Nitrogen compounds. Sulfur compounds. |

## 11. Toxicological information

**Information on likely routes of exposure**

| | |
|---|---|
| **Inhalation** | May cause drowsiness and dizziness. Headache. Nausea, vomiting. Prolonged inhalation may be harmful. |
| **Skin contact** | Causes skin irritation. |
| **Eye contact** | Causes serious eye irritation. |
| **Ingestion** | Expected to be a low ingestion hazard. |
| **Symptoms related to the physical, chemical and toxicological characteristics** | May cause drowsiness and dizziness. Headache. Nausea, vomiting. 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** | Narcotic effects. |

| Components | Species | Test Results |
|---|---|---|
| Calcium Carbonate (CAS 471-34-1) | | |
| **Acute** | | |
| **Dermal** | | |
| LD50 | Rat | > 2000 mg/kg, 24 Hours |
| **Oral** | | |
| LD50 | Rat | > 2000 mg/kg |
| Copper (CAS 7440-50-8) | | |
| **Acute** | | |
| **Dermal** | | |
| LD50 | Rat | > 2000 mg/kg, 24 Hours |
| Distillates Petroleum Hydrotreated Light (CAS 64742-47-8) | | |
| **Acute** | | |
| **Dermal** | | |
| LD50 | Rabbit | > 2000 mg/kg |
| **Inhalation** | | |
| *Vapor* | | |
| LC50 | Rat | > 4.5 mg/l, 4 Hours |
| Graphite (CAS 7782-42-5) | | |
| **Acute** | | |
| **Oral** | | |
| LD50 | Rat | > 2000 mg/kg |
| Petroleum Oil (CAS 64742-52-5) | | |
| **Acute** | | |
| **Dermal** | | |
| LD50 | Rabbit | > 2000 mg/kg |
| **Inhalation** | | |
| LC50 | Rat | > 3.9 mg/l, 4 Hours |
| **Oral** | | |
| LD50 | Rat | > 2000 mg/kg |
| Solvent naphtha (petroleum), light aliphatic (CAS 64742-89-8) | | |
| **Acute** | | |
| **Dermal** | | |
| LD50 | Rabbit | > 1900 mg/kg, 24 Hours |
| **Inhalation** | | |
| *Vapor* | | |
| LC50 | Rat | > 4.96 mg/l, 4 Hours |
| **Oral** | | |
| LD50 | Rat | 4820 mg/kg |

**Skin corrosion/irritation** Causes skin irritation.

**Serious eye damage/eye irritation** Causes serious eye irritation.

**Respiratory or skin sensitization**

**Canada - Alberta OELs: Irritant**

Calcium Carbonate (CAS 471-34-1) Irritant

**Respiratory sensitization** Not a respiratory sensitizer.

**Skin sensitization** This product is not expected to cause skin sensitization.

**Germ cell mutagenicity** No data available to indicate product or any components present at greater than 0.1% are mutagenic or genotoxic.

**Carcinogenicity** This product is not considered to be a carcinogen by IARC, ACGIH, NTP, or OSHA.

**ACGIH Carcinogens**

Acetone (CAS 67-64-1) A4 Not classifiable as a human carcinogen.

Magnesium Silicate Hydrate (CAS 14807-96-6) A4 Not classifiable as a human carcinogen.

**Canada - Manitoba OELs: carcinogenicity**

Acetone (CAS 67-64-1) Not classifiable as a human carcinogen.

Magnesium Silicate Hydrate (CAS 14807-96-6) Not classifiable as a human carcinogen.

**IARC Monographs. Overall Evaluation of Carcinogenicity**

Magnesium Silicate Hydrate (CAS 14807-96-6) 2B Possibly carcinogenic to humans.
3 Not classifiable as to carcinogenicity to humans.

**Reproductive toxicity** This product is not expected to cause reproductive or developmental effects.

**Specific target organ toxicity - single exposure** May cause drowsiness and dizziness.

**Specific target organ toxicity - repeated exposure** Not classified.

**Aspiration hazard** Not likely, due to the form of the product.

**Chronic effects** Prolonged inhalation may be harmful.

**Further information** Symptoms may be delayed.

## 12. Ecological information

**Ecotoxicity** Very toxic to aquatic life with long lasting effects.

| Components | | Species | Test Results |
|---|---|---|---|
| Acetone (CAS 67-64-1) | | | |
| **Aquatic** | | | |
| Crustacea | EC50 | Water flea (Daphnia magna) | 10294 - 17704 mg/l, 48 hours |
| Fish | LC50 | Rainbow trout,donaldson trout (Oncorhynchus mykiss) | 4740 - 6330 mg/l, 96 hours |
| Calcium Carbonate (CAS 471-34-1) | | | |
| **Aquatic** | | | |
| Fish | LC50 | Western mosquitofish (Gambusia affinis) | > 56000 mg/l, 96 hours |
| Copper (CAS 7440-50-8) | | | |
| **Aquatic** | | | |
| Crustacea | EC50 | Water flea (Daphnia magna) | 0.036 mg/l, 48 hours |
| Fish | LC50 | Fathead minnow (Pimephales promelas) | 0.0319 - 0.0544 mg/l, 96 hours |
| Distillates Petroleum Hydrotreated Light (CAS 64742-47-8) | | | |
| **Aquatic** | | | |
| Fish | LC50 | Rainbow trout,donaldson trout (Oncorhynchus mykiss) | 2.9 mg/l, 96 hours |

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

**Persistence and degradability** Not inherently biodegradable.

**Bioaccumulative potential**

**Partition coefficient n-octanol / water (log Kow)**

Acetone -0.24

**Mobility in soil** No data available.

**Other adverse effects** None known.

## 13. Disposal considerations

**Disposal instructions** Collect and reclaim or dispose in sealed containers at licensed waste disposal site. Contents under pressure. Do not puncture, incinerate or crush. Dispose of contents/container in accordance with local/regional/national/international regulations.

**Local disposal regulations** Dispose in accordance with all applicable regulations.

**Hazardous waste code** The waste code should be assigned in discussion between the user, the producer and the waste disposal company.

**Waste from residues / unused products** Dispose of in accordance with local regulations. Empty containers or liners may retain some product residues. This material and its container must be disposed of in a safe manner (see: Disposal instructions).

| | |
|---|---|
| **Contaminated packaging** | 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. Do not re-use empty containers. |

## 14. Transport information

**TDG**

| | |
|---|---|
| **UN number** | UN1950 |
| **UN proper shipping name** | AEROSOLS, flammable, MARINE POLLUTANT |
| **Transport hazard class(es)** | |
| **Class** | 2.1 |
| **Subsidiary risk** | - |
| **Packing group** | Not available. |
| **Environmental hazards** | Yes |
| **Special precautions for user** | Read safety instructions, SDS and emergency procedures before handling. |

**IATA**

| | |
|---|---|
| **UN number** | UN1950 |
| **UN proper shipping name** | Aerosols, flammable |
| **Transport hazard class(es)** | |
| **Class** | 2.1 |
| **Subsidiary risk** | - |
| **Label(s)** | 2.1 |
| **Packing group** | Not available. |
| **Environmental hazards** | Yes |
| **Special precautions for user** | Read safety instructions, SDS and emergency procedures before handling. |
| **Other information** | |
| **Passenger and cargo aircraft** | Allowed with restrictions. |
| **Cargo aircraft only** | Allowed with restrictions. |

**IMDG**

| | |
|---|---|
| **UN number** | UN1950 |
| **UN proper shipping name** | AEROSOLS, flammable, MARINE POLLUTANT |
| **Transport hazard class(es)** | |
| **Class** | 2.1 |
| **Subsidiary risk** | - |
| **Label(s)** | 2.1 |
| **Packing group** | Not available. |
| **Environmental hazards** | |
| **Marine pollutant** | Yes |
| **EmS** | F-D, S-U |
| **Special precautions for user** | Read safety instructions, SDS and emergency procedures before handling. |

| | |
|---|---|
| **Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code** | Not applicable. |

**IATA; IMDG; TDG**

**Marine pollutant**

**General information** IMDG Regulated Marine Pollutant. Avoid transport on vehicles where the load space is not separated from the driver's compartment. Ensure vehicle driver is aware of the potential hazards of the load and knows what to do in the event of an accident or an emergency. Before transporting product containers: Ensure that containers are firmly secured. Ensure cylinder valve is closed and not leaking. Ensure valve outlet cap nut or plug (where provided) is correctly fitted. Ensure valve protection device (where provided) is correctly fitted. Ensure adequate ventilation. Ensure compliance with applicable regulations.

## 15. Regulatory information

**Canadian regulations**

**Controlled Drugs and Substances Act**

Not regulated.

**Export Control List (CEPA 1999, Schedule 3)**

Not listed.

**Greenhouse Gases**

Not listed.

**Ontario. Toxic Substances. Toxic Reduction Act, 2009. Regulation 455/09 (July 1, 2011)**

Acetone (CAS 67-64-1)
Copper (CAS 7440-50-8)

**Precursor Control Regulations**

| | |
|---|---|
| Acetone (CAS 67-64-1) | Class B |

**International regulations**

**Stockholm Convention**

Not applicable.

**Rotterdam Convention**

Not applicable.

**Kyoto protocol**

Not applicable.

**Montreal Protocol**

Not applicable.

**Basel Convention**

Not applicable.

**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) | Yes |
| Canada | Non-Domestic Substances List (NDSL) | No |
| China | Inventory of Existing Chemical Substances in China (IECSC) | No |
| 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 |

| Country(s) or region | Inventory name | On inventory (yes/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).

## 16. Other information

**Issue date** 03-11-2016

**Revision date** 04-19-2017

**Version #** 02

**Disclaimer** ITW Pro Brands cannot anticipate all conditions under which this information and its product, or the products of other manufacturers in combination with its product, may be used. It is the user's responsibility to ensure safe conditions for handling, storage and disposal of the product, and to assume liability for loss, injury, damage or expense due to improper use. The information provided in this Safety Data Sheet is correct to the best of our knowledge, information and belief at the date of its publication. The information given is designed only as a guidance for safe handling, use, processing, storage, transportation, disposal and release and is not to be considered a warranty or quality specification. The information relates only to the specific material designated and may not be valid for such material used in combination with any other materials or in any process, unless specified in the text.

**Revision information** Hazard(s) identification: Supplemental information
Composition / Information on Ingredients: Disclosure Overrides
Composition/information on ingredients: Component information
GHS: Classification