# MATERIAL SAFETY DATA SHEET

## 1. Product and Company Identification

| | |
|---|---|
| **Product number** | 442738 |
| **Product name** | **Regency Professional Water-Based Stainless Steel Cleaner** |
| **Effective date** | 18-Jun-2009 |
| **Company information** | SRC<br>6285 Tri-Ridge Blvd.<br>Loveland, OH 45140 United States |
| **Company phone** | General Assistance 513-965-2929 |
| **Emergency telephone US** | 800-424-9300 |
| **Emergency telephone outside US** | 703-527-3887 |
| **Version #** | 01 |

## 2. Hazards Identification

**Emergency overview**

CONTENTS UNDER PRESSURE. Aerosol. Will be easily ignited by heat, spark or flames.
Irritating to eyes. Prolonged exposure may cause chronic effects.

**Potential health effects**

| | |
|---|---|
| **Routes of exposure** | Ingestion. Inhalation. Skin contact. |
| **Eyes** | Causes eye irritation. |
| **Skin** | Prolonged or repeated contact can result in defatting and drying of the skin which may result in skin irritation and dermatitis (rash). |
| **Inhalation** | Intentional misuse by concentrating and inhaling the product can be harmful or fatal. Prolonged inhalation may be harmful. |
| **Ingestion** | Exposure by ingestion of an aerosol is unlikely. May cause delayed lung damage. Components of the product may be absorbed into the body by ingestion. |
| **Target organs** | Central nervous system. Lungs. |
| **Chronic effects** | May cause central nervous system disorder (e.g., narcosis involving a loss of coordination, weakness, fatigue, mental confusion, and blurred vision) and/or damage. May cause delayed lung damage. |

## 3. Composition / Information on Ingredients

| Components | CAS # | Percent |
|---|---|---|
| Synthetic Isoparaffinic Hydrocarbon | 64742-47-8 | 15 - 20 |
| n-Butane | 106-97-8 | 10 - 15 |
| Aliphatic Petroleum Distillate | 64742-88-7 | 8 - 10 |
| Propane | 74-98-6 | 5 - 8 |
| Non-hazardous and other components below reportable levels | | 40 - 60 |

## 4. First Aid Measures

**First aid procedures**

| | |
|---|---|
| **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 or persists. |
| **Skin contact** | Immediately take off all contaminated clothing. Wash off with warm water and soap. Get medical attention if irritation develops or persists. |
| **Inhalation** | Move to fresh air. Oxygen or artificial respiration if needed. Do not use mouth-to-mouth method if victim inhaled the substance. Induce artificial respiration with the aid of a pocket mask equipped with a one-way valve or other proper respiratory medical device. Get medical attention immediately. |

**Ingestion**

If material is ingested, immediately contact a poison control center. Rinse mouth. Do not induce vomiting without advice from poison control center. If vomiting occurs naturally, have victim lean forward to reduce risk of aspiration. Do not use mouth-to-mouth method if victim ingested the substance. Induce artificial respiration with the aid of a pocket mask equipped with a one-way valve or other proper respiratory medical device.

## 5. Fire Fighting Measures

**Flammable properties**

Vapor or gas may spread to distant ignition sources and flash back. Runoff to sewer may cause fire or explosion hazard.

**Extinguishing media**

**Suitable extinguishing media**

Foam. Dry chemical. Carbon dioxide (CO2). Do not use water jet.

**Protection of firefighters**

**Specific hazards arising from the chemical**

Fire may produce irritating, corrosive and/or toxic gases.

**Protective equipment and precautions for firefighters**

In the event of fire and/or explosion do not breathe fumes. Wear full protective clothing, including helmet, self-contained positive pressure or pressure demand breathing apparatus, protective clothing and face mask. Containers should be cooled with water to prevent vapor pressure build up. For massive fire, use unmanned hose holders or monitor nozzles; if this is impossible, withdraw from area and let fire burn.

## 6. Accidental Release Measures

**Methods for containment**

Eliminate all ignition sources (no smoking, flares, sparks, or flames in immediate area). Stop leak if you can do so without risk. Move the cylinder to a safe and open area if the leak is irreparable. Stop the flow of material, if this is without risk. Prevent entry into waterways, sewers, basements or confined areas.

**Methods for cleaning up**

Should not be released into the environment. Use a non-combustible material like vermiculite, sand or earth to soak up the product and place into a container for later disposal.

Small Spills: Wipe up with absorbent material (e.g. cloth, fleece). Clean contaminated surface thoroughly.

## 7. Handling and Storage

**Handling**

Pressurized container: Do not pierce or burn, even after use. Do not handle or store near an open flame, heat or other sources of ignition. Use only in area provided with appropriate exhaust ventilation. Do not use if spray button is missing or defective. Do not get this material in contact with eyes. Do not get this material in contact with skin. Wear personal protective equipment. Avoid prolonged exposure.

**Storage**

Level 2 Aerosol.
Level 1 Aerosol.
Contents under pressure. Do not puncture, incinerate or crush. The pressure in sealed containers can increase under the influence of heat. Keep away from heat, sparks, and flame. Avoid exposure to long periods of sunlight. Store in cool place. Keep in an area equipped with sprinklers. Keep out of the reach of children. Do not store, incinerate, or heat this material above 120 degrees Fahrenheit.

## 8. Exposure Controls / Personal Protection

**Exposure limits**

**ACGIH**

| Components | CAS # | TWA | STEL | Ceiling |
|---|---|---|---|---|
| n-Butane | 106-97-8 | 1000 ppm | Not established | Not established |
| Propane | 74-98-6 | 1000 ppm | Not established | Not established |

**OSHA**

| Components | CAS # | TWA | STEL | Ceiling |
|---|---|---|---|---|
| Propane | 74-98-6 | 1000 ppm | Not established | Not established |

**Personal protective equipment**

**Eye / face protection**

Wear chemical goggles.

**Skin protection**

Wear appropriate chemical resistant clothing. Protective gloves.

| | |
|---|---|
| **Respiratory protection** | When workers are facing concentrations above the exposure limit they must use appropriate certified respirators. If permissible levels are exceeded use NIOSH mechanical filter / organic vapor cartridge or an air-supplied respirator. |

## 9. Physical & Chemical Properties

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|---|---|
| **Appearance** | Compressed liquefied gas. |
| **Boiling point** | 194 °F (90 °C) estimated |
| **Color** | White. |
| **Flammability (HOC)** | 21.0719 kJ/g estimated |
| **Flash back** | No |
| **Flash point** | -156 °F (-104.4 °C) Propellant |
| **Form** | Aerosol. |
| **Odor** | Characteristic. |
| **pH** | 6.5 - 7.5 |
| **Physical state** | Liquid. |
| **Pressure** | 45 - 65 psig @ 70F |
| **Solubility** | Negligible |
| **Specific gravity** | 0.806 |

## 10. Chemical Stability & Reactivity Information

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|---|---|
| **Chemical stability** | Risk of ignition. |
| **Conditions to avoid** | Heat, flames and sparks. |
| **Hazardous decomposition products** | No hazardous decomposition products are known. |

## 11. Toxicological Information

| | |
|---|---|
| **Acute effects** | Acute LD50: 8353 mg/kg estimated, Rat, Dermal<br>Acute LC50: 20 mg/l/4h estimated, Rat, Inhalation |
| **Sensitization** | Not expected to be hazardous by OSHA criteria. |
| **Teratogenicity** | Not expected to be hazardous by OSHA criteria. |

## 12. Ecological Information

| | |
|---|---|
| **Ecotoxicity** | Components of this product have been identified as having potential environmental concerns.<br><br>LC50 262 mg/L estimated, Fish, 96.00 Hours,<br>EC50 1117 mg/L estimated, Daphnia, 48.00 Hours, |

## 13. Disposal Considerations

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|---|---|
| **Waste codes** | D001: Waste Flammable material with a flash point <140 F |
| **Disposal instructions** | Contents under pressure. Do not puncture, incinerate or crush. Dispose of this material and its container at hazardous or special waste collection point. Do not allow this material to drain into sewers/water supplies. If discarded, this product is considered a RCRA ignitable waste, D001. Dispose in accordance with all applicable regulations. |

## 14. Transport Information

**Department of Transportation (DOT) Requirements**

| | |
|---|---|
| **Basic shipping requirements:** | |
| **Proper shipping name** | Consumer commodity |
| **Hazard class** | ORM-D |
| **Subsidiary hazard class** | None |
| **Additional information:** | |
| **Packaging exceptions** | 156, 306 |
| **Packaging non bulk** | 156, 306 |
| **Packaging bulk** | None |

**IMDG**

| | |
|---|---|
| **Basic shipping requirements:** | |
| **Proper shipping name** | AEROSOLS |
| **Hazard class** | 2.1 |
| **UN number** | 1950 |
| **Additional information:** | |
| **Packaging exceptions** | LTD QTY |
| **Item** | 5F |
| **Labels required** | None |
| **Transport Category** | 2 |


**IATA**

| | |
|---|---|
| **Basic shipping requirements:** | |
| **Proper shipping name** | Aerosols, flammable |
| **Hazard class** | 2.1 |
| **UN number** | 1950 |
| **Additional information:** | |
| **Packaging exceptions** | LTD QTY |
| **Labels required** | 2.1 |


## 15. Regulatory Information

**US federal regulations**

OSHA Process Safety Standard: This material is not known to be hazardous by the OSHA Highly Hazardous Process Safety Standard, 29 CFR 1910.119.
This product is a "Hazardous Chemical" as defined by the OSHA Hazard Communication Standard, 29 CFR 1910.1200.
CERCLA/SARA Hazardous Substances - Not applicable.

**Occupational Safety and Health Administration (OSHA)**

| | |
|---|---|
| **29 CFR 1910.1200 hazardous chemical** | Yes |

**CERCLA (Superfund) reportable quantity**

None

**Superfund Amendments and Reauthorization Act of 1986 (SARA)**

| | |
|---|---|
| **Hazard categories** | Immediate Hazard - Yes<br>Delayed Hazard - Yes<br>Fire Hazard - Yes<br>Pressure Hazard - Yes<br>Reactivity Hazard - No |
| **Section 302 extremely hazardous substance** | No |
| **Section 311 hazardous chemical** | Yes |

**Inventory status**

| Country(s) or region | Inventory name | On inventory (yes/no)* |
|---|---|---|
| China | Inventory of Existing Chemical Substances in China (IECSC) | Yes |
| Europe | European Inventory of New and Existing Chemicals (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) | Yes |
| 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)

**State regulations**

**U.S. - Pennsylvania - RTK (Right to Know) List**

| | | |
|---|---|---|
| Aliphatic Petroleum Distillate | 64742-88-7 | Present |
| n-Butane | 106-97-8 | Present |
| Propane | 74-98-6 | Present |
| Synthetic Isoparaffinic Hydrocarbon | 64742-47-8 | Present |

## 16. Other Information

**Further information**

HMIS® is a registered trade and service mark of the NPCA.

**HMIS® ratings**

Health: 1*
Flammability: 3
Physical hazard: 0

**Disclaimer**

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.