**Material Safety Data Sheet**

**Spatter Remover Welding Anti Spatter** (RXSOL-68-6808-005)

## 1. Product and Company Identifaction

Product Name **Spatter Remover (Welding Anti Spatter)**

Product Type **RXSOL-68-6808-005**

**Company Details:**
RX MARINE INTERNATIONAL
105, A wing , BSEL , TECH PARK.
VASHI ,NEW BOMBAY 400703 INDIA

| | |
|---|---|
| Phone | +91 22 65113333/ 5555 / 9999 / 27611360 / 27815540 |
| Fax | +91 22 2781 1318 :::AOH :0091 9322594669 |
| Email | mail@rxmarine.com |

## 2. Composition / informationon ingredients

| COMPONENT | CAS NUMBER | % by Wt. |
|---|---|---|
| Water | 7732-18-5 | 55-65 |
| Mixed glycerides | 73398-61-5 / 68990-54-5 | 10-15 |
| White mineral oil | 8042-47-5 | 1-3 |
| Dimethyl ether | 115-10-6 | 20-30 |

## 3. Hazards Identification

**Emergency Overview:**
**WARNING:** Contents Under Pressure.

**Appearance & Odor:** Milky white emulsion, mild petroleum odor

**Potential Health Effects:**
**ACUTE EFFECTS:**
**EYE:** Contact may cause mild irritation including stinging, redness and tearing.

**SKIN:** Contact may cause mild irritation including redness and itching. Prolonged exposure can cause drying or cracking of skin.

**INHALATION:** Inhalation of small amounts of vapor is not expected to cause health effects. Prolonged or concentrated exposure may lead to irritation of the nose and throat.

**INGESTION:** Ingestion of small amounts is not expected to cause health effects. Ingestion of larger amounts may lead to stomach ache or nausea.

**CHRONIC EFFECTS:** None known

**TARGET ORGANS:** None known Medical Conditions Aggravated by Exposure: pre-existing skin conditions or sensitivities.See Section 11 for toxicology and carcinogenicity information on product ingredients.

## 4. First Aid Measures

| | |
|---|---|
| Eye Contact: | Immediately flush with plenty of water for 15 minutes. Call a physician if irritation persists. |
| Skin Contact: | Remove contaminated clothing and wash affected area with soap and water. Call a physician if irritation persists. Wash contaminated clothing prior to re-use. |
| Inhalation: | Remove person to fresh air. Keep person calm. If not breathing, give artificial respiration. If breathing is difficult give oxygen. Call a physician. |
| Ingestion: | Do NOT induce vomiting. Call a doctor or poison control center. Keep victim calm. |
| Note to Physicians: | Treat symptomatically.. |

## 5. Fire-fighting Measures

**Flammable Properties:** This product is nonflammable in accordance with aerosol flammability definitions.
(See 16 CFR 1500.3(c)(6) ).

Flash Point: None Upper Explosive Limit: ND
Autoignition Temperature: ND Lower Explosive Limit: ND

**Fire and Explosion Data:**
**Suitable Extinguishing Media:** Use Class B extinguishers or an extinguishing agent appropriate for the surrounding fire.

**Products of Combustion:**Oxides of carbon

**Explosion Hazards:** Aerosol containers, when exposed to heat from fire, may build pressure and explode.

**Protection of Fire-Fighters:**
Firefighters should wear self-contained, NIOSH-approved breathing apparatus for protection against suffocation and possible toxic decomposition products. Proper eye and skin protection should be provided. Use water spray to keep fire-exposed containers cool and to knock down vapors which may result from product decomposition.

## 6. Accidental Release Measures

**Personal Precautions:** Use personal protection recommended in Section 8.

**Environmental Precautions:** Take precautions to prevent contamination of ground and surface waters. Do not flush into sewers or storm drains

.

**Methods for Containment & Clean-up:** Dike area to contain spill. Ventilate the area with fresh air. If in confined spac or limited air circulation area, clean-up workers should wear appropriate respiratory protection. Recover or absorb spilled material using an absorbentdesigned for chemical spills. Place used absorbents into proper waste containers.

## 7. Handling and Storage

**Handling Procedures:**
Wash hands after using and before consuming food. 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. For product use instructions, please see the product label.

**Storage Procedures:**
Store in a cool dry area out of direct sunlight. Aerosol cans must be maintained below 120°F /49°C to prevent cans from rupturing. Store out of reach of children.

**Aerosol Storage Level:** I

## 8. Exposure controls and personal protection

| | OSHA | | ACGIH | | OTHER | | |
|---|---|---|---|---|---|---|---|
| COMPONENT | TWA | STEL | TWA | STEL | TWA | SOURCE | UNIT |
| Water | NE | NE | NE | NE | NE | | |
| White mineral oil | 5 | NE | 5 | 10 | NE | | mg/m3 |
| Mixed glycerides | NE | NE | NE | NE | NE | | |
| Dimethyl ether | NE | NE | NE | NE | 1000 | AIHA | ppm |
| N.E. – Not Established | (c) – ceiling | | (s) – skin | | (v) – vacated | | |

**Controls and Protection:**
**Engineering Controls:**
Area should have ventilation to provide fresh air. Local exhaust ventilation is generally preferred because it can control the emissions of the contaminant at the source, preventing dispersion into the general work area. Use mechanical means if necessary to maintain vapor levels below the exposure guidelines. If working in a confined space, follow applicable OSHA regulations.

**Respiratory Protection:**

None required for normal work where adequate ventilation is provided. If engineering controls are not feasible or if exposure exceeds the applicable exposure limits, use a NIOSH-approved cartridge respirator with organic vapor cartridge. Air monitoring is needed to determine actual employee exposure levels. Use a self-contained breathing apparatus in confined spaces and for emergencies.

**Eye/face Protection:** For normal conditions, wear safety glasses. Where there is reasonable probability of liquid contact, wear splash-proof goggles.

**Skin Protection:** Use protective gloves such as nitrile or PVC. Also, use full protective clothing if there is prolonged or repeated contact of liquid with skin.

## 9. Physical and chemical properties

**Information on basic physical and chemical properties:**

| | |
|---|---|
| Physical State: | liquid emulsion |
| Color: | milky white |
| Odor: | mild petroleum |
| Odor Threshold: | ND |
| Product Name: | Anti-Spatter |
| Product Number (s): | 03083 |
| Specific Gravity: | 0.8874 |
| Initial Boiling Point: | ~212°F / 100°C |
| Freezing Point | ND |
| Vapor Pressure: | ND |
| Vapor Density: | ND (air = 1) |
| Evaporation Rate: | slow |
| Solubility: | soluble in water |
| Coefficient of water/oil distribution: | ND |
| pH: | 7.0 – 8.0 |
| Volatile Organic Compounds: | wt %: 25.3 g/L: 224.5 lbs./gal: 1.87 |

## 10. Stability and reactivity

| | |
|---|---|
| Stability: | Stable |
| Conditions to Avoid: | None known |
| Incompatible Materials: | Strong oxidizers |
| Hazardous Decomposition Products: | Oxides of carbon |
| Possibility of Hazardous Reactions: | No |

## 11. Toxicological information

| **Acute Toxicity:** | **Component Water** | Oral LD50 (rat) | Dermal LD50 (rabbit) | Inhalation LC50 (rat) |
|---|---|---|---|---|
| Water | 90 mL/kg | 90 mL/kg | No data | No data |
| White mineral oil | > 5 g/kg | No data | No data | No data |
| Mixed glycerides | > 2 g/kg | No data | No data | No data |
| Dimethyl ether | No data | No data | No data | 309 g/m3/4H |

| Chronic Toxicity: | OSHA Carcinogen | IARC Carcinogen | NTP Carcinogen | Sensitizer |
|---|---|---|---|---|
| Water | No | No | No | No |
| White mineral oil | No | No | No | Unknown |
| Mixed glycerides | No | No | No | Unknown |
| Dimethyl ether | No data | No | No | Unknown |

**Reproductive Toxicity:** No information available

**Teratogenicity:** No information available

**Mutagenicity:** No information available

**Synergistic Effects:** No information available

## 12. Ecological information

Ecological studies have not been conducted for this product. The following information is available for components of this product.

| | |
|---|---|
| Ecotoxicity: | : No information available |
| Persistence / Degradability | : Not evaluated. |
| Bioaccumulation / Accumulation | : No information available |
| Mobility in Environment | : No information available |

## 13. Disposal considerations

**Waste Classification:**
The dispensed liquid product is not a RCRA hazardous waste. (See 40 CFR Part 261.20 –261.33) Empty aerosol containers may be recycled. All disposal activities must comply with federal, state, provincial and local regulations. Local regulations may be more stringent than state, provincial or national requirements.

## 14. Transport information

| | |
|---|---|
| US DOT ground): | UN1950, Aerosols, non-flammable, 2.2, Limited Quantity** |
| ICAO/IATA (air): | UN1950, Aerosols, non-flammable, 2.2, Limited Quantit |
| IMO/IMDG (water): | UN1950, Aerosols, 2.2, Limited Quantity |
| Special Provisions: | **This product can be classified and labeled as 'Consumer Commodity, ORM-D' for domestic ground shipping until January 1, 2014.If shipping as limited quantity by ground, note that shipping papers are not required. |

## 15. Regulatory information

**U.S. Federal Regulations:**
**Toxic Substances Control Act (TSCA):**
All ingredients are either listed on the TSCA inventory or are exempt.
Comprehensive Environmental Response, Compensation and Liability Act (CERCLA):
Reportable Quantities (RQ's) exist for the following ingredients: None
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.
Superfund Amendments Reauthorization Act (SARA) Title III:
Section 302 Extremely Hazardous Substances (EHS): None
Section 311/312 Hazard Categories: Fire Hazard No
Reactive Hazard No
Release of Pressure Yes
Acute Health Hazard Yes
Chronic Health Hazard No
Section 313 Toxic Chemicals: This product contains the following substances subject to the reporting requirements
of Section 313 of Title III of the Superfund Amendments and Reauthorization Act of 1986 and 40 CFR Part 372:
None
Clean Air Act:

**Occupational Safety and Health Administration (OSHA):**This product is regulated under the Hazard Communication Standard.

**U.S. State Regulations:**
California Safe Drinking Water and Toxic Enforcement Act (Prop 65):
This product may contain the following chemicals known to the state of California to cause cancer, birth defects or other reproductive harm: None
Consumer Products VOC Regulations: This product is not regulated.
State Right to Know:
New Jersey: 8042-47-5, 141-43-5, 115-10-6
Pennsylvania: 8001-29-4, 8042-47-5, 141-43-5, 115-10-6

Massachusetts: 8042-47-5, 141-43-5, 115-10-6
Rhode Island : 8001-29-4, 8042-47-5, 141-43-5, 115-10-6

**Canadian Regulations:**
**Controlled Products Regulations:**
This product has been classified in accordance with the hazard criteria of the Controlled Products Regulations and the MSDS contains all the information required by the Controlled Products Regulations.
WHMIS Hazard Class: A
Canadian DSL Inventory: All ingredients are either listed on the DSL Inventory or are exempt.

**European Union Regulations:**
RoHS Compliance: This product is compliant with Directive 2002/95/EC of the European Parliament and of the
Council of 27 January 2003. This product does not contain any of the restricted substances as listed in Article 4(1) of the RoHS Directive.

**Additional Regulatory Information:** None

## 16. Other information

**Disclaimer:**
Text of R and S phrase codes used in this safety data sheet:- R34: Causes burns; R36: Irritating to eyes; R37:Irritating to respiratory system; R41: Risk of serious damage to eyes. The information provided about the product on this Safety Data Sheet has been compiled from knowledge of the individual constituents The data given here is based on current knowledge and experience. This Safety Data Sheet describes the product in terms of safety requirements and does not signify any warranty with regard to the product's properties The data given here only applies when product used for proper application(s). The product is not sold as suitable for other applications usage in such may cause risks not mentioned in this sheet. Do not use for other application(s) without seeking advice from manufacturer.