Material Safety Data Sheet

Rifle Bore Cleaner RXSOL (RXSOL-68-6826-025)

1. Product and Company Identifaction

Product Name	Rifle Bore Cleaner RXSOL
Part Number	RXSOL-68-6826-025

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

Stock Point : Mumbai, Kandla, Kolkata, Chennai, Vizag, Fujairah, Muscat

Phone	+91 22 27612100
Fax	+91 22 2781 1318 :::AOH :0091 9821214367
Email	123@rxmarine.com
Website	www.rxmarine.com

2. Composition / informationon ingredients

Name of Substance	Cas Number	Weight %
AROMATIC HYDROCARBON	64742-95-6	20-25
HYDROCARBON SOLVENT	64742-94-5	20-25
METHYL AMYL ALCOHOL	108-11-2	5-10
ETHYLENE GLYCOL MONOBUTYL ETHER	111-76-2	6-10
PETROLEUM HYDROCARBON	64742-52-5	5-10
OLEIC ACID	112-80-1	5-10
AMMONIUM HYDROXIDE	1336-21-6	1-2

3. Hazards Identification

Signal Word	Warning
Hazard Statements	H226: Flammable Liquid And Vapour. H332: Harmful If Inhaled. H319: Causes Serious Eye Irritation H315: Causes Skin Irritation. H373: May Cause Damage To Organs Through Prolonged Or Repeated Exposure. H304: May Be Fatal If Swallowed And Enters Airways H226: Flammable Liquid And Vapour. H332: Harmful If Inhaled. H319: Causes Serious Eye Irritation H315: Causes Skin Irritation. H373: May Cause Damage To Organs Through Prolonged Or Repeated Exposure. H304: May Be Fatal If Swallowed And Enters Airway

	P210: Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking. P233: Keep container tightly closed. P240: Ground and bond container and receiving equipment. P241: Use explosion-proof equipment. P242: Use only non-sparking tools. P243: Take precautionary measures against static discharge. P261: Avoid breathing vapours. P271: Use only outdoors or in a well-ventilated area. P280: Wear protective gloves/protective clothing/eye protection/face protection. P264: Wash face, hands and any exposed skin thoroughly after handling.
Precautionary statements - prevention	P260: Do not breathe dust/fume/gas/mist/vapours/sprayP210: Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking. P233: Keep container tightly closed. P240: Ground and bond container and receiving equipment. P241: Use explosion-proof equipment. P242: Use only non-sparking tools. P243: Take precautionary measures against static discharge. P261: Avoid breathing vapours. P271: Use only outdoors or in a well-ventilated area. P280: Wear protective gloves/protective clothing/eye protection/face protection. P264: Wash face, hands and any exposed skin thoroughly after handling. P260: Do not breathe dust/fume/gas/mist/vapours/spray
Precautionary statements - response	P302+P352: IF ON SKIN (or hair): Wash with plenty of water. P332 + P313: If skin irritation occurs: Get medical advice/attention. P362 + P364: Take off contaminated clothing and wash it before reuse. P304 + P340: IF INHALED: Remove person to fresh air and keep comfortable for breathing. P305 + P351 + P338: IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. P337 + P313: If eye irritation persists: Get medical advice/attention. P312: Call a POISON CENTER or doctor if you feel unwell. P301 + P310: IF SWALLOWED: Immediately call a POISON CENTER or doctor. P331: Do not induce vomiting. P330: Rinse mouth. P370 + P378: In case of fire: Use dry chemical, CO2, or Halon for extinction.P302+P352: IF ON SKIN (or hair): Wash with plenty of water. P332 + P313: If skin irritation occurs: Get medical advice/attention. P362 + P364: Take off contaminated clothing and wash it before reuse. P304 + P340: IF INHALED: Remove person to fresh air and keep comfortable for breathing. P305 + P351 + P338: IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. P337 + P313: If eye irritation persists: Get medical advice/attention. P312: Call a POISON CENTER or doctor if you feel unwell. P301 + P310: IF SWALLOWED: Immediately call a POISON CENTER or doctor. P331: Do not induce vomiting. P330: Rinse mouth. P370 + P378: In case of fire: Use dry chemical, CO2, or Halon for extinction.
Precautionary Statements – Storage	P403 + P233: Store in a well-ventilated place. Keep container tightly closed. Keep cool. P405: Store locked up.P403 + P233: Store in a well-ventilated place. Keep container tightly closed. Keep cool. P405: Store locked up.
Precautionary Statements – Disposal	P501: Dispose of contents/container to an approved waste disposal plant.

4. First Aid Measures

Skin Contact	IF ON SKIN: Remove/Take off immediately all contaminated clothing. Rinse skin with water/shower. Wash contaminated clothing before reuse. Seek medical attention if irritation occurs
Eye Contact	IF IN EYES: Rinse cautiously with water for several minutes. Check for and remove any contact lenses. Immediately flush eyes thoroughly with plenty of water for at least 15 minutes, lifting lower and upper eyelids. Get medical attention immediately.
Inhalation:	IF INHALED: Remove victim to fresh air and keep at rest in a position comfortable for breathing. Call a poison control center or physician.
Ingestion	IF SWALLOWED: Clean mouth with water. Do not induce vomiting or give anything by mouth to an unconscious person. Call a physician or poison control center immediately
Most important symptoms/effects	Direct contact with eyes causes serious irritation. Substance causes skin irritation. Harmful if inhaled. May cause irritation to the mucous membranes and upper respiratory tract. Choking, coughing and headache may occur. May cause irritation to the digestive tract.
Notes to Physician	Treat symptomatically

5. Fire-fighting Measures

Suitable extinguishing media	Use extinguishing measures that are appropriate to local circumstances and the surrounding environment.Dry Chemical CO2, Halon.
Unsuitable Extinguishing Media	Do not use water
Specific Hazards Arising from the Chemical	IFlammable liquid. In a fire or if heated, a pressure increase will occur and the container may burst. Runoff to sewer may create fire or explosion hazard.
Protective Equipment and Precautions for Firefighters	As in any fire, wear self-contained breathing apparatus pressure-demand, MSHA/NIOSH (approved or equivalent) and full protective gear.

6. Accidental Release Measures

Personal Precautions, Protective Equipment and Emergency Procedures Personal Precautions	Use personal protective equipment. Ensure adequate ventilation. Remove all sources of ignition. Take precautionary measures against static discharges.
Methods for Containment	For small spills, absorb on poly-pads or other suitable non-reactive absorbent material. Prevent further leakage or spillage if safe to do so.
Methods and materials for containment and cleaning	Eliminate all sources of ignition. Use non-sparking hand tools and explosion-proof electrical equipment. Sweep up and shovel into suitable containers for disposal. Discard any product, residue, disposable container or liner in full compliance with federal, state, and local regulations.

7. Handling and Storage

Advice on Safe Handling	Handle in accordance with good industrial hygiene and safety practice. Obtain special instructions before use. Do not handle until all safety precautions have been read and understood. Use personal protection recommended in Section 8. Use only in wellventilated areas. Do not breathe vapors or spray mist. Keep away from heat, sparks, flame and other sources of ignition. All equipment used when handling the product must be grounded.
Conditions for Safe Storage, Including any Incompatibilities Storage Conditions	Keep containers tightly closed in a dry, cool and well-ventilated place. Store locked up. Incompatible Materials Strong oxidizing agents.

8. Exposure controls and personal protection

Engineering Control	Use only with adequate ventilation. If user operations generate dust, fumes, gas, vapor or mist, use process enclosures, local exhaust ventilation or other engineering controls to keep worker exposure to airborne contaminants below any recommended or statutory limits.
Personal Protection	Eye/face Protection : Avoid contact with eyes. Wear safety eyewear Skin and body protection : Wear suitable protective clothing. Use impervious gloves Respiratory Protection : Ensure adequate ventilation, especially in confined areas
Hygiene Measures	Wash hands, forearms and face thoroughly after handling chemical products, before eating, smoking and the using the bathroom and at the end of the working periods.



Gloves



Suit

9. Physical and chemical properties

Form	Liquid
Colour	Clear
Odour	Ammonia scent
Odor Threshold	Not determined
pH	9.8
Melting Point	Not determined
Boiling Point	177 Deg F
Flash Point	116 (tcp)
Evaporation Rate	(H2O = 1) >1
Flammability (solid, gas)	n/a-liquid
Vapour pressure	20@68f
Vapour Density	Not determined
Secific Gravity	0.911
Decomposition Temperature	No information available
Partition coefficient	No data available
Autoignition Temperature	Not determined
Solubility in Water	Soluble in water
Viscosity	No information available
Explosive Properties Oxidizing	Heated drums can explode

10. Stability and reactivity

Recativity	Not reactive under normal conditions
Chemical Stability	Stable under recommended storage conditions
Possibility of hazardous reactions	None under normal processing.
Conditions to avoid	Keep out of reach of children. Avoid all possible sources of ignition (spark or flame).
Incompatible materials	Strong oxidizers, sparks or open flame
Hazardous Decomposition Products	Will not occur. In a fire: Carbon Monoxide, Carbon Dioxide and Hydrocarbons
Hazardous Polymerization	Hazardous polymerization does not occur.

11. Toxicological information

Eye Contact	Causes severe eye irritation.
Inhalation	Harmful if inhaled.
Skin Contact	May cause skin irritation.
Ingestion	May be fatal if swallowed and enters
Symptoms	Please see section 4 of this SDS for symptoms
Carcinogenicity	This product does not contain any carcinogens or potential carcinogens as listed by OSHA, IARC or NTP

12. Ecological information

Ecotoxicity	Material expected to be toxic to aquatic organisms. May cause long-term adverse effects in the aq
Persistence and Degradability	Not Available
Bioaccumulationn	Not expected to bioaccumulate significantly.
Other adverse effects	Not determined

13. Disposal considerations

Waste treatment Method	Disposal of Wastes - Disposal should be in accordance with applicable regional, national and local laws and regulations. Contaminated Packaging - Disposal should be in accordance with applicable regional, national and local laws and regulations.

14. Transport information

Note - Please see current shipping paper for most up to date shipping information, including exemptions and special circumstances

DOT - UN1993, FLAMMABLE LIQUID, N.O.S., (PETROLEUM NAPHTHA, METHYL AMYL ALCOHOL) 3, PGIII

IATA - Not available.

IMDG - Not available.

TDG - Not regulated

15. Regulatory information

International Inventories	Not determined
US Federal Regulations	SARA 313 Section 313 of Title III of the Superfund Amendments and Reauthorization Act of 1986 (SARA). This product contains a chemical which is subject to the reporting requirements of the Act and Title 40 of the Code of Federal Regulations, Part 372.

Chemical Name	CAS No	Weight-%
AMMONIUM HYDROXIDE	1336-21-6	1-2
ETHYLENE GLYCOL MONOBUTYL ETHER	111-76-2	6-10

U.S. State Right-to-Know Regulations :

Chemical Name	New Jersey		Massachusetts	Pennsylvania
Methyl Amyl Alcohol	X		X	X
Aromatic Hydrocarbon		X	X	X
Ethylene Glycol Monobutyl Ether	90-100%		90-100%	90-100%

16. Other information

Other Information	The information above is believed to be accurate and represents the best information currently available to us. However, we make no warranty of merchantability or any other warranty, express or implied, with respect to such information, and we assume no liability resulting from its use. Users should make their own investigations to determine the suitability of the information for their particular purposes. In no event shall be liable for any claims, losses, or damages of any third party or for lost profits or any special, indirect, incidental, consequential or exemplary damages, howsoever arising, even if RX Marine International has been advised of the possibility of such damages.