Material Safety Data Sheet

Engine Parts Washing Solvent (RXSOL - PWS) (RXSOL-10-1727-025)

1. Product and Company Identifaction

Product Name	RXSOL-10-1727
Product Type	Parts Washing Solvent 105°F

Company Details:

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

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

Phone	+91 22 27815541 / 42
Fax	+91 22 2781 1318 :::AOH :0091 9821214367
Email	mail@rxmarine.com

2. Composition / informationon ingredients

COMPON E N T S - C H EMI C A L N AME S A N D COMMON N AME S (Hazardous Components 1% or greater; Carcinogens 0.1% or greater)	CAS Number	SARA III LIST	Applicable PEL-OSHA	Exposure Limits TLVACGIH	Carcinogen Ref. Source **
Pet roleum Di s t i l lates	64742-88-7	No	N/E	N/E	d

3. Hazards Identification

PRIMARY ROUTES OF ENTRY:	[ ] INHALATION [ ] INGESTION [X] SKIN ABSORPTION [ ] EYE [ ] NOT HAZARDOUS
ACUTE EFFECTS	
Inhalation:	High concentrations or prolonged exposure to lower concentrations may be slightly irritating to mucous membranes.
Eye Contact:	Slight irritation from short term contact. Prolonged & repeated contact more irritating.
Skin Contact:	Prolonged & repeated liquid contact may result in irritation and dermatitis.
Ingestion:	May result in vomiting. Aspiration of vomitus into lungs must be avoided as lung contact can result in chemical pneumonitis and pulmonary edema
CHRONIC EFFECTS:	None known

Medical Conditions Generally Aggravated by Exposure:	Pre-existing irritation of skin or mucous membranes

4. First Aid Measures

Eye Contact:	Flush with water for 15 minutes. If irritation persists, get medical attention.
Skin Contact:	Wash with soap and water. If irritation persists, get medical attention.
Inhalation:	Remove to fresh air. Provide oxygen if breathing is difficult. Get medical attention
Ingestion:	DO NOT INDUCE VOMI T ING. Drink 3 to 4 glasses of water. Get immediate medical attention.

5. Fire-fighting Measures

FLAMMABILITY as per USA FLAME PROJECTION TEST (aerosols)	N/A
Auto Ignition Temperature	N/D
Flammability Limits in Air by % in Volume:	
% LEL:	1
% UEL:	6
FLASH POINT AND METHOD USED (non-aerosols):	105ºF TCC
SPECIAL FIRE FIGHTING PROCEDURES:	Do not enter confined fire space without proper protective equipment including NIOSH selfcontained breathing apparatus. Cool fire exposed containers, surrounding equipment & with water.
EXTINGUISHER MEDIA:	Water spray or fog, foam, dry chemical or CO2. Do not use direct water stream.
Unusual Fire & Explosion Hazards:	None known

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. Wear appropriate protective equipment and clothing during clean-up. Avoid breathing mist or vapor. Do not touch damaged containers or spilled material unless wearing appropriate protective clothing. Ensure adequate ventilation. 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 :

The product is immiscible with water and will spread on the water surface. Large Spills: Stop the flow of material, if this is without risk. Dike the spilled material, where this is possible. Cover with plastic sheet to prevent spreading. Absorb in vermiculite, dry sand or earth and place into containers. Use water spray to reduce vapors or divert vapor cloud drift. Prevent entry into waterways, sewer, basements or confined areas. Following product recovery, flush area with water. Small Spills: Wipe up with absorbent material (e.g. cloth, fleece). Clean surface thoroughly to remove residual contamination. Never return spills to original containers for re-use. 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

Steps To Be Taken If Material Is Spilled Or Released:	Contain spill. Keep out of surface waters & any sewers or water courses entering or leading to surface waters. Soak up with inert absorbent & place in properly labeled leak-proof containers for disposal.

Waste Disposal Methods:	Dispose of in accordance with all local, state and federal regulations.
Precautions To Be Taken In Handling & Storage:	Keep containers away from heat, open flame & oxidizing materials. Keep closed when not in use. Shelf life 1 year.
Other Precautions &/or Special Hazards:	KEEP OUT OF REACH OF CHI LDREN. Read & follow label directions.

8. Exposure controls and personal protection

Respiratory Protection (specify type):	As required to prevent overexposure. NIOSH approved air purifying respirator for organic vapors or atmospheresupplying respirator.
Protective Gloves:	As required to minimize skin contact.
Eye Protection:	Safety glasses or goggles.
Ventilation Requirements:	Explosion proof ventilation as required to control vapor concentrations.
Other Protective Clothing & Equipment:	Clothing as required to minimize skin contact. Eyewash station and safety shower.
Hygienic Work Practices:	Do not eat, drink or smoke in work area. Wash hands after handling.

9. Physical and chemical properties

Boiling Point:	300ºF
Specific Gravity (H2O=1):	0.78
Vapor Pressure:	PSIG @ 70°F (Aerosols) : N/A
Vapor Pressure (Non-Aerosols)(mm Hg and Temperature):	5@100ºF
Vapor Density (Air = 1):	5
Ev a peo r a t i o n Ra t e (= 1) :	N/D
Solubility in Water:	Negligible
Water Reactive:	No
Appearance and Odor:	liquid with typical petroleum odor

10. Stability and reactivity

STABILITY	[X] STABLE [ ] UNSTABLE
HAZARDOUS POLYMERIZATION	[ ] WILL [X] WILL NOT OCCUR
Incompatibility (Mat. to avoid):	Oxidizing materials
Conditions to Avoid:	Heat, sparks, open flame.

Hazardous Decomposition Products:	Oxides of carbon & unidentified organics may be formed during combustion.

11. Toxicological information

Information on likely routes of exposure:

Ingestion : May be fatal if swallowed and enters airways.

Inhalation May cause drowsiness and dizziness. Headache. Nausea, vomiting.

Skin contact Causes skin irritation.

Eye contact Direct contact with eyes may cause temporary irritation.

Symptoms related to the physical, chemical and toxicological characteristics Diarrhea. May cause drowsiness and dizziness. Headache. Nausea, vomiting. Irritation of nose and throat. Irritation of eyes and mucous membranes. Skin irritation. May cause redness and pain.

Information on toxicological effects :

Acute toxicity May be fatal if swallowed and enters airways. Narcotic effects.

Skin corrosion/irritation Causes skin irritation.

Serious eye damage/eye irritation Direct contact with eyes may cause temporary irritation.

Respiratory sensitization Not available.

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.

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 May be fatal if swallowed and enters airways.

12. Ecological information

Ecotoxicity :

The product is not classified as environmentally hazardous. However, this does not exclude the possibility that large or frequent spills can have a harmful

or damaging effect on the environment.

Components		Species	Test Results
Distillates (petroleum), hydrotreated light (CAS 64742-47-8)			
Aquatic			
Acute			
Fish	LC50	Bluegill (Lepomis macrochirus)	2.2 mg/l, 96 hours

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

Persistence and degradability Not available.

Bioaccumulative potential Not available.

Mobility in soil No data available.

Other adverse effects No other adverse environmental effects (e.g. ozone depletion, photochemical ozone creation potential, endocrine disruption, global warming potential) are expected from this component.

13. Disposal considerations

Disposal of waste from residues / unused products

This product is not a RCRA hazardous waste (See 40 CFR Part 261.20 – 261.33). Empty containers may be recycled. Collect and reclaim or dispose in sealed containers at licensed waste disposal site. Dispose in accordance with all applicable regulations.

Hazardous waste code Not regulated.

Contaminated packaging :

Empty containers should be taken to an approved waste handling site for recycling or disposal. Since emptied containers may retain product residue, follow label warnings even after container is emptied.

14. Transport information

DOT Not regulated as dangerous goods.

IATA Not regulated as dangerous goods.

IMDG Not regulated as dangerous goods.

15. Regulatory information

US federal regulations

This product is a "Hazardous Chemical" as defined by the OSHA Hazard Communication Standard, 29 CFR 1910.1200. All components are on the U.S. EPA TSCA Inventory List.

TSCA Section 12(b) Export Notification (40 CFR 707, Subpt. D)

Not regulated.

SARA 304 Emergency release notification

Not regulated.

US. OSHA Specifically Regulated Substances (29 CFR 1910.1001-1050)

Not listed.

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 - No Reactivity Hazard - No

SARA 302 Extremely hazardous substance No

16. Other information

Further information CRC # 493A

HMIS® ratings

Health: 2

Flammability: 1

Physical hazard: 0

Personal protection: B

NFPA ratings Health: 2

Flammability: 1

Instability: 0

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.

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