

## 1. Product and Company Identification

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Product Name

Reverse Demulsifier

Part Number

RXSOL-20-8183-025

### Company Details:

**RX MARINE INTERNATIONAL**

**105, A wing , BSEL , TECH PARK.**

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Website [www.rxmarine.com](http://www.rxmarine.com)

## 2. Composition / Information on ingredients

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Name of Substance	% W/W	
Aluminum chloride	0 -20	
Propargyl alcohol	1 - 5	
Proprietary Blend	10-20	
Light Aromatic Naphtha	20-30	64742-95-6
1,2,4-Trimethylbenzene	20-30	95-63-6
Alkylaryl sulfonates	10-20	68425-60-5
Alkylaryl sulfonates	10-20	68425-61-6
1,3,5- Trimethylbenzene	5-10	108-67-8
2-Ethylhexanol	5-10	104-76-7
Xylene	1-5	1330-20-7
1,2,3-Trimethylbenzene	1-5	526-73-8
Cumene	0.1-1	98-82-8
Ethylbenzene	0.1-1	100-41-4

## 3. Hazards Identification

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Signal Word

Hazard Statements

Precautionary statements - prevention

Precautionary statements - response

Warning

May be corrosive to metals.

Causes severe skin burns and eye damage.

Causes damage to organs through prolonged or repeated exposure if inhaled.

Wear protective gloves: > 8 hours (breakthrough time > 8 hours)

Wear eye or face protection. Wear protective clothing

Do not breathe vapor. Do not eat, drink or smoke while handling

Absorb spillage to prevent material damage. Get material

**INHALED:** Remove victim to fresh air and rest

Immediately call a POISON CENTER or physician if you feel unwell. Rinse mouth. Do NOT induce vomiting.

Disposal

vomiting. **IF ON SKIN** (or hair): Take off immediately. Shower. Wash contaminated clothing before reuse.  
**IN EYES:** Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Consult a physician.  
Store locked up. Store in corrosive resistant container.

## 4. First Aid Measures

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Skin Contact

Get medical attention immediately. Call a poison center. Wash with mild detergent for at least 20 - 60 minutes. Remove contaminated clothing and shoes. Wash contaminated skin thoroughly or wear gloves. Chemical burns must be treated by a physician. Clean shoes thoroughly before reuse.

Eye Contact

Get medical attention immediately. Call a poison center. Rinse continuously with lukewarm, gently flowing water for at least 15 minutes. Open. Check for and remove any contact lenses. Consult a physician.

Inhalation:

Get medical attention immediately. Call a poison center. Move to fresh air and keep at rest in a position comfortable for breathing. If present, the rescuer should wear an appropriate mask or self-contained breathing apparatus. If not breathing, if breathing is difficult, give artificial respiration or oxygen by trained personnel. If unconscious, give mouth-to-mouth resuscitation. If unconscious, call a physician immediately. Maintain an open airway. Loosen tight clothing. In case of inhalation of decomposition products in a fire, the person may need to be kept under medical surveillance for several days.

Ingestion

Get medical attention immediately. Call a poison center. Do not induce vomiting unless directed to do so by medical personnel. If vomiting, do not enter the lungs. Chemical burns must be treated by a physician. Do not give mouth to an unconscious person. If unconscious, call a physician immediately. Maintain an open airway. Loosen tight clothing.

Protection for first Aider

No action shall be taken involving any personal risk or without proper training. If fumes are still present, the rescuer should wear an appropriate mask or self-contained breathing apparatus. It may be dangerous to the person providing aid to enter the area. Remove clothing thoroughly with water before removing it from the fire.

Notes to Physician

In case of inhalation of decomposition products in a fire, the person may need to be kept under medical surveillance for several days.

## 5. Fire-fighting Measures

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### Extinguishing media

Suitable extinguishing media

Use an extinguishing agent suitable for the surrounding fire.

Unsuitable extinguishing media  
Va

None known.

Specific hazards arising from the chemical  
Hazardous thermal decomposition products  
decomposition products

In a fire or if heated, a pressure increase will occur.  
In a fire or if heated, a pressure increase will occur.

Hazardous thermal decomposition products

carbon dioxide, carbon monoxide, nitrogen oxides, etc.

Special protective actions for fire-fighters

Promptly isolate the scene by removing all persons from the area. No action shall be taken involving any personal risk or without proper training.

Special protective  
equipment for fire-fighters  
Further Information

Fire-fighters should wear appropriate protective e  
with a full face-piece operated in positive pressur  
Remove container from danger zone and coo  
contaminating surface water or the ground water s

## 6. Accidental Release Measures

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### Personal precautions, protective equipment and emergency procedures

For non-emergency  
personnel

No action shall be taken involving any personal  
areas. Keep unnecessary and unprotected person  
material. Do not breathe vapor or mist. Provide a  
ventilation is inadequate. Put on appropriate person

For emergency responders :

If specialised clothing is required to deal with the  
suitable and unsuitable materials. See also the info

Enviromental Precaution

Avoid dispersal of spilled material and runoff and  
the relevant authorities if the product has caused e

Methods and materials for containment and cleaning

Soak up with inert absorbent material. Keep in suit  
of ignition. Use spark-proof tools and explosion-pr

## 7. Handling and Storage

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### Precautions for safe handling

Protective measures

Wear personal protective equipment. Do not get Put on a  
(see Section 8). Do not get in eyes or on skin or clothin  
ingest. If during normal use the material presents a res  
ventilation or wear appropriate respirator. Keep in the ori  
made from a compatible material, kept tightly closed w  
product residue and can be hazardous. Do not reuse cont  
damage.  
prevent material damage.

product residue and can be hazardous. Do not reuse conta

prevent material damage.

from a compatible material, kept tightly closed when not

product residue and can be hazardous. Do not reuse conta

prevent material damage.

Advice on general occupational hygiene.  
occupational hygiene.

Eating, drinking and smoking should be prohibited in ar  
and processed. Workers should wash hands and face bef  
contaminated clothing and protective equipment before e  
additional information on hygiene measures.  
handled, stored and processed. Workers should wash hand

drinking and smoking. Remove contaminated clothing and

entering eating areas. See also Section 8 for additional inf

measures.

ffffConditions for safe storage,

including any

incompatibilities

Store in accordance with local regulations. Store in origin  
in a dry, cool and well-ventilated area, away from incom  
and drink. Store in corrosive resistant container with a re  
container tightly closed and sealed until ready for use. C  
carefully resealed and kept upright to prevent leakage. I  
appropriate containment to avoid environmental contamin

## 8. Exposure controls and personal protection

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### Control parameters

Occupational exposure limits

Engineering Control

Provide exhaust ventilation or other engineering controls to keep vapors below their respective threshold limit value. Ensure that controls are proximal to the work-station location.

Personal Protection

**Eye/face Protection :** Wear appropriate protective equipment as described by OSHA's eye and face protection regulation and European Standard EN166.

**Skin and body protection :** Wear appropriate protective clothing for exposure. Long sleeved clothing.Flame retardant antistatic clothing.

**Respiratory Protection :** Follow the OSHA respirator regulations under European Standard EN 149. Use a NIOSH/MSHA or European Standard respirator if exposure limits are exceeded or if irritation occurs.

Hygiene Measures

Handle in accordance with good industrial hygiene and safety practices.

Exposure Limits

TWA: 100 (ppm) [Canada] TWA: 435 (mg/m3) [Canada]

ACGIH (TLV) [United States]  
TWA: 100 STEL: 150 (ppm) from ACGIH (TLV) [United States]  
acceptable exposure limits.



Gloves Suit

## 9. Physical and chemical properties

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### Appearance

Physical state	Liquid
Colour	Colourless
Odor	Pungent.
Odor Threshold	Not Available
pH	2.6
Melting Point	Not available
Boiling Point	Not available
Flash Point	Closed cup: >93.4°C (>200.1°F) [SFCC]
Evaporation Rate	Not available
Flammability (solid, gas)	Slightly flammable in the presence of the following materials or conditions: open flames, sparks and static discharge and heat.
Lower and upper Explosive limits	Not available
Vapour pressure	6.1 kPa (45.7 mm Hg) @ 22°C
	6.1 kPa (45.7 mm Hg) @ 22°C .

6.1 kPa (45.7 mm Hg) @ 22°C .

6.1 kPa (45.7 mm Hg) @ 22°C .

Vapour Density	>1 [Air = 1]
Relative density	1.259 (15.6°C)
Density	10.49 (lbs/gal)
Solubility in water	Soluble
Partition coefficient: octanol/water	Not available.
Auto-ignition temperature	Not available.
Decomposition temperature	Not available.
Viscosity	Dynamic (25°C): 47.4 cP
Pour Point	-40°C (-40°F)

## 10. Stability and reactivity

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Reactivity	No specific test data related to reactivity available for this product or its ingredients.
Chemical stability	The product is stable.
Possibility of hazardous reactions	Under normal conditions of storage and use, hazardous reactions will not occur.
Conditions to avoid	No specific data.
Incompatible materials	Reactive or incompatible with the following materials: oxidizing materials and metals
Hazardous Decomposition Products	Carbon monoxide (CO), Carbon dioxide (CO <sub>2</sub> ),
Hazardous Polymerization	Hazardous polymerization does not occur. Hazardous Reactions None under normal processing

## 11. Toxicological information

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Acute oral toxicity	Symptoms: Gastrointestinal disturbance, Risk of aspiration upon vomiting., Pulmonary failure possible after aspiration
Acute dermal toxic	Acute toxicity estimate : 1,134 mg/kg
Skin corrosion	Drying-out effect resulting in rough and chapped skin. Mixture causes skin irritation.
Toxic Effects on Humans	Acute Potential Health Effects: Skin: Causes skin irritation. Can be absorbed through skin. Eyes: Causes eye irritation. Vapor causes respiratory tract and mucous membrane irritation.
Special Remarks on Chronic Effects on Humans	Detected in maternal milk in human. Passes through the placental barrier in animal. Embryotoxic and/or foetotoxic and may cause adverse reproductive effects (male and female fertility (spontaneous abortion and fetotoxicity) and birth defects) and data.
Further information After absorption:	Headache, somnolence, Dizziness, euphoria, agitation, spasms, narcosis Effect potentiated by: ethanol Damage to: nervous system, Liver

## 12. Ecological information

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Toxicity to Fish	No information available.
COD and BOD 5	Not Available
Products of Biodegradation:	No information available.
Mobility in soil	No information available.
Results of PBT and vPvB assessment	Substance(s) in the mixture do(es) not meet the criteria for PBT or vPvB according to Regulation (EC) No 1907/2006, a PBT/vPvB assessment was not conducted.
Other adverse effects	Additional ecological information Discharge into the environment must be avoided.



Health Hazard	: 3
Fire Hazard	: 3
Reactivity	: 0
Personal Protection	: H

Fire :

Health Hazard	: 3
Fire Hazard	: 3
Reactivity	: 0
Specific Hazard	: ..

## 16. Other information

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### Other Information

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