

1. Product and Company Identification

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Product Name: Reverse Demulsifier
Part Number: RXSOL-20-8183-025

Company Details:

**RX MARINE INTERNATIONAL
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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
1,2,4-Trimethylbenzene	20-30
Alkylaryl sulfonates	10-20
Alkylaryl sulfonates	10-20
1,3,5- Trimethylbenzene	5-10
2-Ethylhexanol	5-10
Xylene	1-5
1,2,3-Trimethylbenzene	1-5
Cumene	0.1-1
Ethylbenzene	0.1-1

3. Hazards Identification

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Signal Word	Warning
Hazard Statements	<p>May be corrosive to metals.</p> <p>Causes severe skin burns and eye damage.</p> <p>Causes damage to organs through prolonged or repeated exposure if inhaled.</p>
Precautionary statements - prevention	<p>Wear protective gloves: > 8 hours (breakthrough time)</p> <p>Wear eye or face protection. Wear protective clothing.</p> <p>Do not breathe vapor. Do not eat, drink or smoke.</p> <p>Handle with care.</p>
Precautionary statements - response	<p>Absorb spillage to prevent material damage. Get medical attention.</p> <p>INHALED: Remove victim to fresh air and keep at rest in a position comfortable for breathing.</p> <p>Immediately call a POISON CENTER or physician.</p> <p>Rinse mouth. Do NOT induce vomiting.</p>

Disposal

vomiting. **IF ON SKIN** (or hair): Take off immediately. Wash contaminated clothing before reuse. **IN EYES:** Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Go to **CENTER** or physician.

Store locked up. Store in corrosive resistant contain

4. First Aid Measures

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Skin Contact

Get medical attention immediately. Call a poison control center or emergency room. Remove and wash contaminated clothing and shoes. Wash contaminated skin with mild detergent for at least 20 - 60 minutes. If skin is severely contaminated, flush with water for 15 minutes. Do not remove contaminated clothing or shoes. Do not wear gloves. Chemical burns must be treated by a medical professional. Clean shoes thoroughly before reuse.

Eye Contact

Get medical attention immediately. Call a poison control center continuously with lukewarm, gently flowing water. Keep the eye open. Check for and remove any contact lenses. Continue to

Inhalation:

Ingestion

Protection for first Aider

No action shall be taken involving any personal fumes are still present, the rescuer should wear an It may be dangerous to the person providing aid to clothing thoroughly with water before removing it.

Notes to Physician

In case of inhalation of decomposition products it may need to be kept under medical surveillance for

5. Fire-fighting Measures

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Extinguishing media

Suitable extinguishing media

Use an extinguishing agent suitable for the surround-

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

Hazardous thermal decomposition products

carbon dioxide carbon monoxide nitrogen oxides

Special protective actions for fire-fighters

Promptly isolate the scene by removing all persons. No action shall be taken involving any personal risk or

Special protective equipment for fire-fighters
Further Information

Fire-fighters should wear appropriate protective equipment with a full face-piece operated in positive pressure. Remove container from danger zone and consider contaminating surface water or the ground water system.

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 personnel away. Do not breathe vapor or mist. Provide adequate ventilation. If ventilation is inadequate. Put on appropriate personal protective equipment.

For emergency responders :

If specialised clothing is required to deal with the spill, identify suitable and unsuitable materials. See also the information on handling and storage.

Environmental Precaution

Avoid dispersal of spilled material and runoff and advise the relevant authorities if the product has caused environmental damage.

Methods and materials for containment and cleaning

Soak up with inert absorbent material. Keep in suitable containers for disposal. Prevent ignition. Use spark-proof tools and explosion-proof equipment.

7. Handling and Storage

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Precautions for safe handling

Protective measures

Wear personal protective equipment. Do not get Put on a respirator (see Section 8). Do not get in eyes or on skin or clothing. Do not ingest. If during normal use the material presents a respiratory hazard, use appropriate respirator. Keep in the original container made from a compatible material, kept tightly closed when not in use. Do not reuse containers which have held the product residue and can be hazardous. Do not reuse containers which have held the product residue and can be hazardous. Prevent material damage.

Advice on general occupational hygiene.
occupational hygiene.

product residue and can be hazardous. Do not reuse containers which have held the product residue and can be hazardous. Prevent material damage.

ffffConditions for safe storage,
including any
incompatibilities

from a compatible material, kept tightly closed when not in use. Do not reuse containers which have held the product residue and can be hazardous. Prevent material damage.

Eating, drinking and smoking should be prohibited in areas where the product is handled, stored and processed. Workers should wash hands and face before eating, drinking and smoking. Remove contaminated clothing and protective equipment before entering eating areas. See also Section 8 for additional information on hygiene measures.

drinking and smoking. Remove contaminated clothing and protective equipment before entering eating areas. See also Section 8 for additional information on hygiene measures.

Store in accordance with local regulations. Store in original containers in a dry, cool and well-ventilated area, away from incompatible materials. Do not eat, drink or smoke. Store in corrosive resistant container with a tight seal. Store in a cool, dry place. Store in a well-ventilated place. Store carefully resealed and kept upright to prevent leakage. Store in an appropriate containment to avoid environmental contamination.

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 controls are proximal to the work-station location.

Personal Protection

Eye/face Protection : Wear appropriate protective eyewear as described by OSHA's eye and face protection regulation 1910.133 and Standard EN166.

Skin and body protection : Wear appropriate protective clothing to prevent skin exposure. Long sleeved clothing. Flame retardant antistatic clothing.

Hygiene Measures

Respiratory Protection : Follow the OSHA respirator use regulation 1910.134 and European Standard EN 149. Use a NIOSH/MSHA approved respirator if exposure limits are exceeded or if irritation occurs. 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, 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 .

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Vapour Density	>1 [Air = 1]
Relative density	1.259 (15.6°C)
Density	10.49 (lbs/gal)
Solubility in water	Soluble
Partition coefficient: noctanol/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 ₂),
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 of liquid.
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 can cause adverse reproductive effects (male and female fertility (spontaneous abortion and fetotoxicity) and birth defects data.
Further information	Headache, somnolence, Dizziness, euphoria, agitation, spasms, narcosis
After absorption:	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.

13. Disposal considerations

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Waste treatment Method

Waste material must be disposed of in accordance with the national and local regulations. Leave chemicals in original mixing with other waste. Handle uncleaned containers like the product itself

14. Transport information

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DOT

UN Number

UN1307

Proper shipping name

XYLENE

Hazard Class

3

Packing group

III

TDG

UN Number

UN1307

Proper shipping name

XYLENE

Hazard Class

3

Packing group

III

IATA

UN Number

UN1307

Proper shipping name

XYLENE

Hazard Class

3

Packing group

III

IMDG/IMO

UN Number

UN1307

Proper shipping name

XYLENE

Hazard Class

3

Packing group

III

15. Regulatory information

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Federal and State Regulation

Connecticut hazardous material survey.: Xylenes Illinois acutely hazardous substances: Xylenes Rhode Island Pennsylvania RTK: Xylenes Minnesota: Xylenes Michigan critical material: Xylenes Massachusetts RTK: New Jersey: Xylenes New Jersey spill list: Xylenes Lou Director's List of Hazardous Substances: Xylenes 302/304/311/312 hazardous chemicals: Xylenes SARA 313 reporting: Xylenes CERCLA: Hazardous substances.: Xylenes

Other Regulation

OSHA: Hazardous by definition of Hazard Communication EINECS: This product is on the European Inventory of Existing Commercial Chemical Substances (EINECS).

WHMIS (Canada)

CLP: Xylenes is classified as: Xylenes CLASS B-2: Flammable liquid with a flash point low. Material causing other toxic effects (VERY TOXIC).

DSCL (EEC)

R11- Highly flammable. R38- Irritating to skin. R41- Risk of

HMIS

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

The information above is believed to be accurate and available to us. However, we make no warranty of any kind, expressed or implied, with respect to such information, and we are not responsible for any errors it may contain. You should make your own investigations to determine the suitability of the information for your particular purposes. In no event shall be liable for any damages, including, but not limited to, special, incidental, or consequential damages, or lost profits, arising, even if **RX Marine International** has been advised of the possibility of such damages.

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