

## 1. Product and Company Identification

www.rxmarine.com

Product Name : Oil Grease Remover  
Part Number : RXSOL-15-2001-020

### Company Details:

**RX MARINE INTERNATIONAL**  
105, A wing, BSEL, TECH PARK.  
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## 2. Composition / Information on ingredients

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Name of Substance	Cas Number
Ammonium Bisulphite	10192-30-0
Ethanediol	107-21-1
Quaternary Ammonium Chloride	68391-01-5
Propan-2-ol	67-63-0
Proprietary Mixture	---

## 3. Hazards Identification

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Classification under EC 1272/2008 regulation - GHS classification. Aspiration Toxicity, Category 1 Carcinogenicity, Category 2 Aquatic toxicity (chronic), Category 3 Specific target organ toxicity (repeated exposure), Category 3 Eye damage, Category 1 Acute Toxicity (dermal), Category 4

SIGNAL WORD

DANGER

Hazard Statements

H304	May be fatal if swallowed and enters airways
H312	Harmful in contact with skin.
H314	Causes severe skin burns and eye damage.
H336	May cause drowsiness or dizziness.
H351	Suspected of causing cancer
H412	Harmful to aquatic life with long lasting effects.
EUH066	Repeated exposure may cause skin dryness or cracking.
Label Elements	The substance is classified and labelled according to the CLP Regulation.
SIGNAL WORD	DANGER
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EUH066	Repeated exposure may cause skin dryness or cracking.
P261	Avoid breathing mist/vapours/spray.

P270	<i>Do not eat, drink or smoke when using this product.</i>
P271	<i>Use only outdoors or in a well-ventilated area.</i>
P273	<i>Avoid release to the environment.</i>
P280	<i>Wear protective gloves/protective clothing/eye protection/face protection.</i>
P281	<i>Use personal protective equipment as required.</i>
P301+P310	<i>IF SWALLOWED: Immediately call a POISON CENTER or doctor/physician</i>
P303+P361+P352	<i>IF ON SKIN (or hair): Remove/Take off immediately all contaminated clothing. Wash with plenty of soap and water</i>
P304+P340	<i>IF INHALED: Remove victim to fresh air and keep at rest in a position comfortable for breathing</i>
P305+P351+P338+P310	<i>IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Immediately call a POISON CENTER or doctor/physician.</i>
P331	<i>Do NOT induce vomiting.</i>
P391	<i>Collect spillage.</i>
P403+P233	<i>Store in a well-ventilated place. Keep container tightly closed. P405: Store locked up.</i>
P501	<i>Dispose of contents and container to appropriate waste site or reclaimer in accordance with local and national regulations.</i>
Other Hazards	<i>Does not meet the criteria for PBT or vPvB. Material can accumulate static charges which may cause an ignition. May be eyes, nose, throat and lungs. Combustible liquid. In use, may form flammable/explosive vapour-air mixture. Electrostatic generated during pumping. Electrostatic discharge may cause fire.</i>
R36/38	<i>Irritating to eyes and skin</i>
R52-53	<i>Harmful to aquatic organisms, may cause long-term adverse effects in the aquatic environment.</i>
R65	<i>Harmful: may cause lung damage if swallowed</i>
R66	<i>Repeated exposure may cause skin dryness or cracking.</i>
R67:	<i>Vapours may cause drowsiness and dizziness.</i>
S2	<i>Keep out of the reach of children.</i>
S9	<i>Keep container in a well-ventilated place.</i>
S23	<i>Do not breathe gas/vapour.</i>
S24	<i>Avoid contact with skin</i>
S36/37/39	<i>Wear suitable protective clothing, gloves and eye/face protection.</i>
S61	<i>Avoid release to the environment. Refer to special instructions/safety data Sheets (MSDS).</i>
S62	<i>If swallowed, do not induce vomiting: seek medical advice immediately and show this container or label.</i>
S38	<i>In case of insufficient ventilation, wear suitable respiratory equipment.</i>

## 4. First Aid Measures

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### Inhalation

*Remove from further exposure. For those providing adequate respiratory protection. If respiratory irritation occurs, seek immediate medical assistance. If breathing has stopped, perform mouth-to-mouth resuscitation.*

### Skin Contact

*Wash contact areas with soap and water. Remove contaminated clothing promptly remove the clothing and wash. Launder separately.*

### Eye contact

*Flush thoroughly with water. If irritation occurs, get medical attention.*

### Ingestion:

*Seek immediate medical attention. Do not induce vomiting.*

*Most important symptoms and effects, both acute and delayed*

*Acute health effects: drowsiness, dizziness, nausea, skin irritation.*

*Indication of any immediate medical attention and special treatment needed Note to physician:*

*If ingested, material may be aspirated into the lungs and cause pneumonia.*

## 5. Fire-fighting Measures

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### Suitable extinguishing media

*Appropriate extinguishing media: Use water fog, foam, dry powder, or carbon dioxide extinguishers.*

### Unusual fire hazards arising from the substance or mixture

*flames. Inappropriate extinguishing media: Straight stream of water. Hazardous material. Fire-fighters should consider protective clothing.*

Fire Fighting Instructions

Hazardous combustion products: Smoke, Fume, Incomplete combustion products  
Possible formation of toxic Carbon Monoxide when combusted  
Evacuate area. Prevent run-off from fire control or drinking water supply. Fire-fighters should use standard self contained breathing apparatus (SCBA). Use water spray to protect personnel.

## 6. Accidental Release Measures

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Notification Procedure

In the event of a spill or accidental release, notify relevant authorities and follow local regulations.

Protective Measures

Avoid contact with spilled material. Warn or evacuate if necessary. Avoid breathing vapours, if required, due to toxicity or flammability of the material.

Land Spill

Stop leak if you can do so without risk. Do not touch or walk through spilled material. If possible, spray may reduce vapour, but may not prevent ignition. Contain spill if possible with sand or other non-combustible material and transfer to appropriate container or with a suitable absorbent.

Water Spill

Stop leak if you can do so without risk. Confine the spill if possible. Remove from the surface by skimming or with suitable absorbent. Do not use dispersants. Water spill and land spill recommendations apply for this material; however, geographic conditions, wind direction and speed, wave and current

Environmental Precautions

direction and speed may greatly influence the appropriate containment measures. Local regulations should be consulted. Note: Local regulations may prescribe specific measures.

Large Spills

Dyke far ahead of liquid spill for later recovery and containment. Do not enter basements or confined areas.

Reference to other sections

See Section 1 for emergency contact information. See Section 8 for personal protective equipment. See Section 13 for additional waste management information.

## 7. Handling and Storage

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Advice on safe handling

Avoid breathing mists or vapours. Avoid contact with skin and eyes. Avoid contact with evolved from heated or agitated material. Use only approved containers. Avoid leakage to avoid slip hazard.

Prevention of fire and explosion

Material can accumulate static charges which may cause ignition. If material is handled in bulk, an electrical spark could be generated. Sparks that may be present (e.g., during switch-loading or unloading) may ignite the material. Consult local applicable standards for guidance. Refer to NFPA 704 (National Fire Protection Institute 2003 (Protection against Ignitions Arising out of Electrostatic Discharge)) and NFPA Fire Protection Agency 77 (Recommended Practice for the Control of Electrostatics - Code of practice for the avoidance of static electricity).

Static Accumulator

This material is a static accumulator. A liquid is typically considered a static accumulator, if its conductivity is below 10,000 pS/m (100x10E-12 Siemens/m). If the material is more conductive, the precautions are the same. A number of factors can affect conductivity, including contaminants, anti-static additives and filtration, etc.

Precautions while moving the product:

Loading/Unloading Temperature: [Ambient] Transport Temperature: [Ambient]

Technical measures:

The container choice, for example storage vessel, must be suitable for the material. The container tightly closed and in a well ventilated place. Avoid contact with skin and eyes. Control possible pressure release. Store in a cool, well-ventilated place. Ground and bonded. Fixed storage containers, transfer containers, etc. must be grounded and bonded to prevent accumulation of static discharge. Avoid contact with sources of ignition. Do not smoke in storage areas.

## 8. Exposure controls and personal protection

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Engineering Control  
Personal Protection

Hygiene measures

Effective exhaust ventilation system. Maintain air con  
**Eye protection** :Wear safety glasses. Contact lenses should be worn where splashing is a possibility.

**Hand protection** : Wear the following personal prote  
discarded and replaced if there is any indication of a  
: Wear solvent resistant gloves such as Viton, polyv  
safety shower and eyewash station should be avail  
breathing apparatus or air line respirator, with full f  
spills.

Handle in accordance with good industrial hygiene  
clothing before re-use. Wash face, hands and any ex  
facilities for quick drenching or flushing of the eyes



Gloves Suit

## 9. Physical and chemical properties

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Physical State:	Liquid
Colour	Light yellow
Odour	Slight Aromatic
Initial Boiling Point:	262oC
Flash Point:	>61oC
Autoignition Temperature:	>220oC
Lower Explosion Limit (vol %):	N/E
Upper Explosion Limit (vol %):	N/E
Vapour Pressure:	N/E
Relative vapor density (air=1):	N/E
Specific Gravity (gr/cm <sup>3</sup> ):	0.97 - 0.99 at 20oC
Solubility in water:	Soluble
pH:	10.5 - 11.5
Other Information:	No further relevant information available.

## 10. Stability and reactivity

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Chemical stability  
Hazardous Decomposition  
Materials to Avoid  
Hazardous polymerization

Material is stable under normal conditions of use and stor  
Material does not decompose at ambient temperatures.  
Keep it away from strong oxidizing materials.  
Will not occur.

## 11. Toxicological information

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Skin corrosion/irritation:	Not irritating.
Serious eye damage/irritation:	Not irritating.
Respiratory or skin sensitization	Not irritating.
Carcinogenicity	Limited evidence of a carcinogenic effect.
Mutagenicity	All genetic toxicity tests, both in vitro and in vivo, were negative.
Reproductive toxicity	Findings do not warrant classification of C10-C12 Aromatics fluids as a reproductive or developmental toxin under the (EC) 1272/2008 on classification, labelling and packaging of substances and mixtures (CLP) or under the Directive 609/1987 on dangerous substances and Directive 1999/45/EC for preparations.
Specific target organ toxicity (single exposure)	STOT Single Exp. 3: May cause drowsiness or dizziness.
Specific target organ toxicity (repeated exposure)	N/A
Aspiration hazard	Aspiration Toxicity 1; May be fatal if swallowed and enters airways
Acute oral toxicity	LD50: > 2,000 - 5,000 mg/kg Species: rat The value is estimated from tests on similar products.
Acute inhalation toxicity	LC50: > 20 mg/l
Acute dermal toxicity	LD50: > 2,000 - 5,000 mg/kg
Skin irritation	No skin irritation
Eye irritation	Risk of serious damage to eyes.
Sensitisation	Not sensitizing.
Repeated dose toxicity	NOEL: 250 mg/kg
Germ cell mutagenicity	Genotoxicity in vitro: Negative  Genotoxicity in vivo: Negative

## 12. Ecological information

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Toxicity