

## 1. Product and Company Identification

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Product Name  
Part Number

2 Ethyl Hexanol  
RXSOL-19-1568-210

### Company Details:

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

**Branch : JNPT, GOA, Kandla, Sikka, Mangalore, Tuticorin, Chennai, Kakinada, Vizag, Dhamra, Paradip, Haldia, Kolkata , UAE and Singapore.**

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## 2. Composition / Information on ingredients

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Name of Substance	Cas Number
2 Ethyl Hexanol	104-76-7

## 3. Hazards Identification

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Signal Word

Classification according to Regulation (EC) No 1272/2008

Hazard Statements

Precautionary statements - prevention

Precautionary statements - response

Warning

Acute toxicity, Inhalation (Category 4), H332  
Skin irritation (Category 2), H315  
Eye irritation (Category 2), H319  
Specific target organ toxicity - single exposure (Category 3), H373  
Avoid breathing dust/fume/gas/mist/vapors/spray. U  
face, hands and any exposed skin thoroughly  
clothing/eye protection/face protection.  
Keep away from heat/sparks/open flames/hot surfaces.

**Inhalation**

IF INHALED: Remove victim to fresh air and keep  
POISON CENTER or doctor/physician if you feel unwell.

**Skin**

IF ON SKIN: Wash with plenty of soap and water. Get  
advice/attention. Take off contaminated clothing and shoes.

**Eyes**

IF IN EYES: Rinse cautiously with water for several  
minutes. Remove contact lenses, if present and easy to do. Continue rinsing. If eye irritation persists: Get  
medical attention.

**Fire**

In case of fire: Use CO2, dry chemical, or foam for  
extinguishing.

**Storage**

Store in a well-ventilated place. Keep container tightly closed.

**Disposal**

Dispose of contents/container to an approved waste  
management facility.

Get medical attention/advice if you feel unwell.

## 4. First Aid Measures

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Skin Contact	Wash off immediately with plenty of water for at least 15 minutes. If irritation persists, medical attention may be required.
Eye Contact	Rinse immediately with plenty of water, also under the eyelids, for at least 15 minutes. Get medical attention.
Inhalation:	Move to fresh air. If not breathing, give artificial respiration. If breathing is difficult, get medical attention. Risk of serious damage to the lungs.
Ingestion	Clean mouth with water and drink afterwards plenty of water. Get medical attention from a physician or Poison Control Center immediately. If vomited, do not induce vomiting.
Most important symptoms/effects	Breathing difficulties. Symptoms of overexposure may include dizziness, headache, and vomiting.
Notes to Physician	Treat symptomatically.

## 5. Fire-fighting Measures

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Suitable extinguishing media	Use water spray, alcohol-resistant foam, dry chemical extinguishers. Do not use a solid water stream as it may scatter and spread the fire.
Unsuitable extinguishing media	Do not use a solid water stream as it may scatter and spread the fire.
Flash Point	77 °C / 170.6 °F
Autoignition Temperature	270 °C / 518 °F
Explosion Limits Upper	7.4 %
Explosion Limits Lower	1.1 %
Sensitivity to Mechanical Impact	No information available
Sensitivity to Static Discharge	No information available
Specific Hazards Arising from the Chemical	Combustible material. Flammable. Containers may explode if heated. Do not breathe vapors.
Hazardous Combustion Products	Carbon monoxide (CO) Carbon dioxide (CO2)
Protective Equipment and Precautions for Firefighters	As in any fire, wear self-contained breathing apparatus (SCBA) (or equivalent) and full protective gear.
Further Information	Remove container from danger zone and cool with water. Do not use water to extinguish fire. Contaminating surface water or the ground water system.

## 6. Accidental Release Measures

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Spillage	Absorb with DRY earth, sand or other non-combustible material. Prevent entry into sewers, basements or confined areas; dikes.
Personal Protection	Use personal protective equipment. Ensure adequate ventilation. Take precautionary measures against static discharges.
Environmental Precaution	Should not be released into the environment. See Section 6.1 for release to the environment. Collect spillage. Do not discharge into water.
Methods and materials for containment and cleaning	Soak up with inert absorbent material (e.g. sand, sawdust, etc.) and place in suitable, closed containers for disposal. Do not reuse. Eliminate all sources of ignition. Take precautionary measures against static discharges.

## 7. Handling and Storage

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Handling	Avoid contact with skin and eyes. Do not breathe vapors. Keep away from open flames, hot surfaces and sources of ignition. Use appropriate personal protective equipment. Take precautionary measures against static discharges.
Storage	Keep containers tightly closed in a dry, cool and well-ventilated area. Keep away from ignition. Flammables area. Corrosives area.
Hygiene measures	Immediately change contaminated clothing. Apply first aid measures as appropriate when working with substance.

## 8. Exposure controls and personal protection

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Engineering Control

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

Personal Protection

**Eye/face Protection** : Wear appropriate protective eyewear as required by OSHA's eye and face protection regulations in 29 CFR 1910.133.

Hygiene Measures

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

Exposure Limits

**Respiratory Protection** : Follow the OSHA respiratory protection regulations. Use a NIOSH/MSHA approved respirator if exposure limits are exceeded or if irritation or other symptoms are experienced. Handle in accordance with good industrial hygiene practices. This product does not contain any hazardous materials as defined by the region specific regulatory bodies.



Gloves Suit

## 9. Physical and chemical properties

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Form	Liquid
Colour	Colourless
Odour	Alcohol-like
Odor Threshold	No Information Available
pH	Not Applicable
Melting Point/Range	-76 °C / -104.8 °F
Boiling Point/Range	184 °C / 363.2 °F @ 760 mmHg
Flash Point	77 °C / 170.6 °F
Evaporation Rate	No information available
Flammability (solid, gas)	Not Applicable
Explosive limits	Upper 7.4 % Lower 1.1 %
Vapour pressure	0.36 hPa @ 20 °C
Vapour Density	4.5 (Air = 1.0)
Secific Gravity	0.833
Decomposition Temperature	No information available
Partition coefficient	No data available
Autoignition Temperature	270 °C / 518 °F
Solubility in Water	1 g/l at 20 °C
Viscosity	10 mPa s at 20 °C
Molecular Formula	C8 H18O
Molecular Weight	130.23

## 10. Stability and reactivity

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Recativity Hazard	None known, based on information available
Stability	Stable under normal conditions.

Possibility of hazardous reactions	No known hazardous reactions.
Conditions to avoid	Incompatible products. Keep away from open flames, hot surfaces and sources of ignition.
Incompatible materials	Strong oxidizing agents, Strong acids, Strong bases
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 toxicity	LD50 Oral - Rat - 3,730 mg/kg(2-Ethylhexan-1-ol) Remarks: Brain and Coverings:Recordings from specific areas of CNS. Behavioral:Somnolence (general depressed activity). Lungs, Thorax, or Respiration:Dyspnea. LD50 Dermal - Rat - > 3,000 mg/kg(2-Ethylhexan-1-ol) (OECD Test Guideline 402)
Skin corrosion	Skin - Rabbit(2-Ethylhexan-1-ol) Result: Skin irritation - 24 h (OECD Test Guideline 404)
Serious eye damage/eye irritation	Eyes - Rabbit(2-Ethylhexan-1-ol) Result: Moderate eye irritation - 24 h
Respiratory or skin sensitisation	No data available(2-Ethylhexan-1-ol)
Other Adverse Effects	The toxicological properties have not been fully investigated. See actual entry in RTECS for complete information.

## 12. Ecological information

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Toxicity to Fish	LC50 - Leuciscus idus (Golden orfe) - 17.1 mg/l - 96 h(2-Ethylhexan-1-ol) NOEC - Leuciscus idus (Golden orfe) - 14 mg/l - 96 h(2-Ethylhexan-1-ol)
Toxicity to daphnia and other aquatic invertebrates	Immobilization EC50 - Daphnia magna (Water flea) - 39 mg/l - 48 h(2-Ethylhexan-1-ol)
Biodegradation:	Readily biodegradable (OECD Test Guideline 301C)
Mobility in soil	No information available.
Results of PBT and vPvB assessment	This substance/mixture contains no components considered to be either persistent, bioaccumulative and toxic (PBT), or and very bioaccumulative (vPvB) at levels of 0.1% or higher.
Other adverse effects	Harmful to aquatic life.

## 13. Disposal considerations

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Waste Disposal Method	Chemical waste generators must determine whether waste. Chemical waste generators must also conform with local, state, and federal regulations to ensure complete and accurate classification.
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## 14. Transport information

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DOT	Not regulated
TDG	Not regulated
IATA	Not regulated
IMDG/IMO	Not regulated

## 15. Regulatory information

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Safety and Environment Regulation	This safety datasheet complies with the requirements of the GHS.
TSCA (US Toxic Substances Control Act):	This product is listed on the TSCA inventory. A listing.

DSL (Canadian Domestic Substances List) and CEPA (Canadian Environmental Protection Act):  
Chemical safety assessment

This product is listed on the DSL. Any impurities  
For this product a chemical safety assessment was

HMIS  
Health Hazard : 2  
Fire Hazard : 2  
Reactivity : 0  
Personal Protection : H

NFPA :  
Health Hazard : 2  
Fire Hazard : 2  
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 accuracy, implied, with respect to such information, and we do not intend to make their own investigations to determine the accuracy of such information for any particular purposes. In no event shall we be liable for any damages, including but not limited to, lost profits or any special, indirect, incidental, or consequential damages, arising, even if **RX Marine International** has been advised of the possibility of such damages.

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