

Product Name	2 Ethyl Hexanol
Part Number	RXSOL-19-1568-210

**Company Details:**

**RX MARINE INTERNATIONAL**

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

**VASHI ,NEW BOMBAY 400703 INDIA**

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Name of Substance	Cas Number	EC Number	Weight %	2 Ethyl Hexanol	104-76-7
203-234-3	100%				

Signal Word	Warning	Classification according to Regulation (EC) No 1272/2008	Acute toxicity,
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Inhalation (Category 4), H332  
Skin irritation (Category 2), H315  
Eye irritation (Category 2), H319  
Specific target organ toxicity - single exposure (Category 3), Respiratory system, H335 Hazard Statements Avoid breathing dust/fume/gas/mist/vapors/spray.Use only outdoors or in a well-ventilated area Wash face, hands and any exposed skin thoroughly after handling  
Wear protective gloves/protective clothing/eye protection/face protection.  
Keep away from heat/sparks/open flames/hot surfaces. - No smoking Precautionary statements - prevention **Inhalation**  
IF INHALED: Remove victim to fresh air and keep at rest in a position comfortable for breathing.Call a POISON CENTER or doctor/physician if you feel unwell.

**Skin**  
IF ON SKIN: Wash with plenty of soap and water.If skin irritation occurs: Get medical advice/attention.Take off contaminated clothing and wash before reuse.

**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 advice/attention.

**Fire**  
In case of fire: Use CO2, dry chemical, or foam for extinction.

**Storage**  
Store in a well-ventilated place. Keep container tightly closed.Store locked up

**Disposal**  
Dispose of contents/container to an approved waste disposal plant Precautionary statements - response Get medical attention/advice if you feel unwell

**Skin Contact** Wash off immediately with plenty of water for at least 15 minutes. Immediate medical attention is required. **Eye Contact** Rinse immediately with plenty of water, also under the eyelids, for at least 15 minutes. Obtain medical attention. **Inhalation:** Move to fresh air. If not breathing, give artificial respiration. Get medical attention if symptoms occur. Risk of serious damage to the lungs. **Ingestion** Clean mouth with water and drink afterwards plenty of water. Do not induce vomiting. Call a physician or Poison Control Center immediately. If vomiting occurs naturally, have victim lean forward. **Most important symptoms/effects** Breathing difficulties. Symptoms of overexposure may be headache, dizziness, tiredness, nausea and vomiting. **Notes to Physician** Treat symptomatically

**Suitable extinguishing media** Use water spray, alcohol-resistant foam, dry chemical or carbon dioxide. Cool closed containers exposed to fire with water spray. **Unsuitable extinguishing media** Do not use a solid water stream as it may scatter and spread 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 when heated. **Hazardous Combustion Products** Carbon monoxide (CO) Carbon dioxide (CO2) **Protective Equipment and Precautions for Firefighters** As in any fire, wear self-contained breathing apparatus pressure-demand, MSHA/NIOSH (approved or equivalent) and full protective gear. **Further Information** Remove container from danger zone and cool with water. Prevent fire extinguishing water from contaminating surface water or the ground water system.

**Spillage** Absorb with DRY earth, sand or other non-combustible material. Do not touch spilled material. Prevent entry into sewers, basements or confined areas; dike if needed. **Personal Protection** Use personal protective equipment. Ensure adequate ventilation. Remove all sources of ignition. Take precautionary measures against static discharges. **Environmental Precaution** Should not be released into the environment. See Section 12 for additional ecological information. Avoid release to the environment. Collect spillage. Do not flush into surface water or sanitary sewer system. **Methods and materials for containment and cleaning** Soak up with inert absorbent material (e.g. sand, silica gel, acid binder, universal binder, sawdust). Keep in suitable, closed containers for disposal. Do not let this chemical enter the environment. Remove all sources of ignition. Take precautionary measures against static discharges.

**Handling** Avoid contact with skin and eyes. Do not breathe vapors or spray mist. Do not ingest. Keep away from open flames, hot surfaces and sources of ignition. Use only non-sparking tools. Use explosion-proof equipment. Take precautionary measures against static discharges. **Storage** Keep containers tightly closed in a dry, cool and well-ventilated place. Keep away from heat and sources of ignition. **Flammables area. Corrosives area.** **Hygiene measures** Immediately change contaminated clothing. Apply preventive skin protection. Wash hands and face after working with substance.

**Engineering Control** Provide exhaust ventilation or other engineering controls to keep the airborne concentrations of vapors below their respective threshold limit value. Ensure that eyewash stations and safety showers are proximal to the work-station location.

**Personal Protection**

**Eye/face Protection** : Wear appropriate protective eyeglasses or chemical safety goggles as described by OSHA's eye and face protection regulations in 29 CFR 1910.133 or European Standard EN166.

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

**Respiratory Protection** : Follow the OSHA respirator regulations found in 29 CFR 1910.134 or European Standard EN 149. Use a NIOSH/MSHA

or European Standard EN 149 approved respirator if exposure limits are exceeded or if irritation or other symptoms are experienced.

Hygiene Measures      Handle in accordance with good industrial hygiene and safety practice.      Exposure Limits      This product does not contain any hazardous materials with occupational exposure limitsestablished by the region specific regulatory bodies.

Gloves      Suit

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					

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 (CO2),	Hazardous Polymerization	Hazardous	
polymerization does not occur.	Hazardous Reactions	None under normal processing		

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.			

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-Ethylhexan1-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 very persistent and very bioaccumulative (vPvB) at levels of 0.1% or higher.		
Harmful to aquatic life.		Other adverse effects		

**Waste Disposal Method** Chemical waste generators must determine whether a discarded chemical is classified as a hazardous waste. Chemical waste generators must also consult local, regional, and national hazardous waste regulations to ensure complete and accurate classification

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

**Safety and Environment Regulation** This safety datasheet complies with the requirements of Regulation (EC) No. 1907/2006.

**TSCA (US Toxic Substances Control Act):** This product is listed on the TSCA inventory. Any impurities present in this product are exempt from listing.

**DSL (Canadian Domestic Substances List) and CEPA (Canadian Environmental Protection Act):** This product is listed on the DSL. Any impurities present in this product are exempt from listing.

**Chemical safety assessment** For this product a chemical safety assessment was not carried out

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

NFPA :	Health Hazard	: 2	Fire Hazard	: 2	Reactivity	: 0	Specific
Hazard	: ..						

#### Other Information

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