

2 ETHYL HEXYL ACRYLATE
(Stabilized with Hydroquinone Monomethyl Ether)

Section-1 - IDENTIFICATION OF THE SUBSTANCE AND OF THE COMPANY / UNDERTAKING	
Product Name (Commercial Name)	: 2 ETHYL HEXYL ACRYLATE
Uses	: Chemical for Synthesis, Fiber treatment, Adhesives, Synthetic resins, Acrylic rubbers
Synonyms	: Acrylic acid 2-ethylhexyl ester, Octyl acrylate
Manufacturer's Name & Address	: Bharat Petroleum Corporation Limited 4&6, Currimbhoy Road, Ballard Estate Mumbai- 400 001, INDIA
Telephone No.	: 091-22-24176354
Fax No.	: 091-22-24166512/24182511
Emergency Coordination Centre Contact	: BPCL Kochi Refinery, Ambalamugal, Kerala
EMERGENCY CONTACT DETAILS	: BPCL – KOCHI REFINERY, Ambalamugal Dist. Ernakulam, Kerala, India 091-484-2722061
24*7 Emergency contact No	: +91 9495001031

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Section 2 – HAZARD IDENTIFICATION

Symbols and Indications of danger.



+ Xi : Irritant

R phrases

37/38 : Irritating to eyes, respiratory system and skin

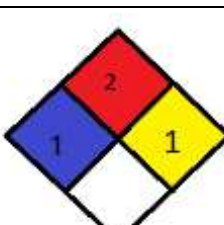




43: May cause sensitization by skin contact.

Special Hazards information for humans and environment.

1. May Polymerize explosively if heated or contaminated.
2. May cause discomfort even at low concentration.

NFPA HAZARD CODES

NFPA 704

Diamond	Hazard	Value	Description
	 Health	1	Can cause significant irritation.
	 Flammability	2	Must be moderately heated or exposed to relatively high ambient temperatures before ignition can occur.
	 Instability	1	Normally stable but can become unstable at elevated temperatures and pressures.
	 Special		

(NFPA, 2010)

RATINGS SYSTEM

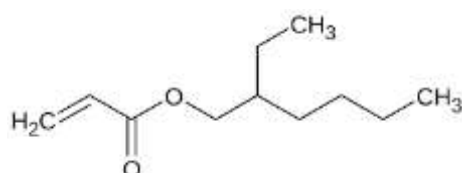
0 = No Hazard 1 = Slight Hazard 2 = Moderate Hazard
3 = Serious Hazard 4 = Severe Hazard

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Section 3 – COMPOSITION & INFORMATION ON INGREDIENTS

Ingredients	CAS No.	EC No.	Percentage
2 Ethyl Hexyl Acrylate	103-11-7	203-080-7	99.00 % (wt.) min.
MEHQ	150-76-5		>= 20.0 ppm

Chemical Formula



Section 4 – FIRST AID MEASURES

EYES: First check the victim for contact lenses and remove if present. Flush victim's eyes with water or normal saline solution for 20 to 30 minutes while simultaneously calling a hospital or poison control center. Do not put any ointments, oils, or medication in the victim's eyes without specific instructions from a physician. IMMEDIATELY transport the victim after flushing eyes to a hospital even if no symptoms (such as redness or irritation) develop.

SKIN: IMMEDIATELY flood affected skin with water while removing and isolating all contaminated clothing. Gently wash all affected skin areas thoroughly with soap and water. If symptoms such as redness or irritation develop, IMMEDIATELY call a physician and be prepared to transport the victim to a hospital for treatment.

INHALATION: IMMEDIATELY leave the contaminated area; take deep breaths of fresh air. If symptoms (such as wheezing, coughing, shortness of breath, or burning in the mouth, throat, or chest) develop, call a physician and be prepared to transport the victim to a hospital. Provide proper respiratory protection to rescuers entering an unknown atmosphere. Whenever possible, Self-Contained Breathing Apparatus (SCBA) should be used; if not available, use a level of protection greater than or equal to that advised under

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Protective Clothing.

INGESTION: DO NOT INDUCE VOMITING. If the victim is conscious and not convulsing, give 1 or 2 glasses of water to dilute the chemical and IMMEDIATELY call a hospital or poison control center. Be prepared to transport the victim to a hospital if advised by a physician. If the victim is convulsing or unconscious, do not give anything by mouth, ensure that the victim's airway is open and lay the victim on his/her side with the head lower than the body. DO NOT INDUCE VOMITING. IMMEDIATELY transport the victim to a hospital.

Section 5 – FIRE FIGHTING MEASURES

Flashpoint : 88°C (Cleveland Open Cup)
Auto Ignition Temperature : 252°C
Flammable Limits : 0.65 to 6.6 Vol%
Suitable Extinguishing Media : Dry Chemical Powder, Carbon Dioxide, Alcohol Foam
Unusual or Explosive Hazards : May polymerize explosively if contaminated or heated.
Special Fire Fighting Procedures : Use self-contained breathing apparatus. Cool container with water spray.
Vapours are heavier than air and may accumulate in low areas and travel a considerable distance up to the source of ignition. Fight fire from maximum distance.

Section 6 –ACCIDENTAL RELEASE MEASURES

Procedures in case of breakage or leakage:
Remove all sources of ignition.
Wear suitable protective equipment
Take up with absorbent, inert material and place in a suitable container.
Prevent spills from entering sewers or waterway.

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Section 7 –HANDLING AND STORAGE

Handling	: Keep away from heat, sparks and flames Use only with adequate ventilation and in closed systems. Do not breathe vapor. Avoid contact with eyes and skin.
Storage	: Keep container tightly closed in a cool, well ventilated place. Keep at temperatures not exceeding 30°C Do not blanket or sparge storage vessels with air or nitrogen, instead maintain contact with atmosphere of 5-8% (by vol) Oxygen.

Section 8 –EXPOSURE CONTROL & PERSONAL PROTECTION

Exposure Limits	:ACGIH not established MAK not established UK not established
Personal Protective Equipments:	
Respiratory Protection	: Self-contained breathing apparatus or Organic canister mask.
Eyes Protection	: Chemical splash goggles
Skin Protection	: Rubber gloves

Section 9 –PHYSICAL AND CHEMICAL PROPERTIES

Appearance	: Colorless liquid
Odor	: Acrylic odor
Melting Point	: -90°C
Boiling Point	: 213.5°C

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Section 12 –ECOLOGICAL INFORMATION

The chemical is readily BIODEGRADABLE. No chances OF BIOACCUMULATION.

Section 13– DISPOSAL CONSIDERATION

Local Legislation: Disposal should be in accordance with applicable regional, national, and local laws and regulations. This product should not be dumped, spilled, rinsed or washed into sewers or public waterways.

Recommended disposal methods for the substance / preparation

Burn in a chemical incinerator equipped with an afterburner and scrubber.

After the container has been emptied, it may contain residual hazardous liquid or vapors.

Product reuse or disposal in accordance with valid waste legislative regulations.

Recommended disposal methods for contaminated packaging

Product is transported in tank-vehicles.

Waste management measures that control exposure of humans and

Environment. - Proceed in accordance with valid health, air and water legislative regulations.

Waste regulation: Follow local regulation.

Waste material must be disposed of in accordance with the national and local regulations. Leave chemicals in original containers. No mixing with other waste. ***Handle uncleaned containers like the product itself.***

Section 14– TRANSPORT INFORMATION

UN NUMBER : Not applicable.

UN Haz class : Not applicable.

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Section 15– REGULATORY INFORMATION

MSDS format on a 16 Section based on guidance provided in:

Indian Regulation:

Manufacture, Storage and Import of Hazardous Chemicals Rule, 1989.

The Factories Act 1948

International Regulations:

European SDS Directive

Labelling according to EEC directives

Hazard Symbol: Xi (Irritant)

Risk phrases are R37/38 (Irritating to respiratory system and skin), R43 (may cause sensitization by skin contact).

Safety phrases are S2 (Keep out of the reach of children), S36/37 (Wear suitable protective clothing and gloves), S46 (If swallowed, seek medical advice immediately and show this container or label)

These standard risk and safety phrases for use when interpreting Material Safety data Sheets are derived from the European Union Regulation. They are required to be used in Materials Safety Data Sheets to identify potential hazards and offer safe handling advice.

Section 16 – OTHER INFORMATION

No specific notes on this product

Material Safety Data Sheet
Revision – 0
Last update: Sept 01, 2019
Issue Date: Sept.20, 2019.



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End of MSDS