



# VALPROIC ACID

## MSDS

### CHEMICAL PRODUCT & COMPANY IDENTIFICATION

Supplier Name	Kedia Chemical Industries Ltd.
Supplier Address	53/B Mittal Court, 224 Nariman Point, Mumbai 400021, India.
Fax Number	+91-22-2826376.
Telephone Number	+91-22-2040596.
Trade Name	: Valproic Acid
Chemical name	Dipropyl acetic acid, 2-Propylpentanoic acid
Chemical formula	C <sub>8</sub> H <sub>16</sub> O <sub>2</sub>
CAS No.	99-66-1

### COMPOSITION /INFORMATION ON INGREDIENTS

Chemical Name	CAS	Risk Phrases	EINECS	Assay
2-Propylpentanoic acid	99-66-1	22 36/37/38	202-777-3	99%

Hazard Symbols : XN

### HAZARDS IDENTIFICATION

Appearance	Clear colorless liquid.
Eye	Contact with eyes may cause severe irritation, and possible eye burns.
Skin	May cause severe irritation and possible burns.
Inhalation	May cause severe irritation of the respiratory tract with sore throat, coughing, shortness of breathe and delayed lung edema. Causes chemical burns to the respiratory tract.
Chronic	Not available
Ingestion	Not available

### FIRST AID MEASURES

Skin	Flush skin with plenty of soap and water for at least 15 minutes while removing contaminated clothing and shoes.
Eye	Immediately flush eyes with plenty of water for at least 15 minutes, occasionally lifting the upper and lower lids

Ingestion	NOT induce vomiting. Allow the victim to rinse his mouth and then to drink 2-4 cupfuls of water, and seek medical advice.
Inhalation	Remove from exposure to fresh air immediately.
Note to Physician	Treat symptomatically and supportively.

#### FIRE FIGHTING MEASURES

General Information	As in any fire, wear a self-contained breathing apparatus in pressure-demand, MSHA/NIOSH (approved or equivalent), and full protective gear.
Extinguishing Media	In case of fire, use water, dry chemical, chemical foam, or alcohol-resistant foam.
Auto ignition Temperature	Not available
Flash Point	111° C ( 231.80 ° F)
NFPA Rating	Not published
Explosion Limits, Lower	Not available
Explosion Limits, Upper	Not available

#### ACCIDENTAL RELEASE MEASURES

General Information	Use proper personal protective equipment as indicated in Section 8.
Spills/Leaks	Absorb spill with inert material, (e.g., dry sand or earth), then place into a chemical waste container.

#### SPECIAL PRECAUTIONS

##### Precaution to be taken during handling and storing

Handling	Do not breathe dust, vapor, mist, or gas. Do not get in eyes, on skin, or on clothing. Use only in a chemical fume hood
Storage	Store in tightly closed containers in a well ventilated place.

#### EXPOSURE CONTROLS/PERSONAL PROTECTION

Engineering Controls	Use adequate general or local exhaust ventilation to keep airborne concentrations below the permissible limits.
Exposure Limits	

#### PERSONAL PROTECTIVE EQUIPMENT

Eyes	Wear safety glasses and chemical goggles if splashing is possible
Skin	Wear appropriate protective gloves and clothing to prevent skin exposure.
Clothing	Wear appropriate protective clothing to minimize contact with skin.
Respirators	Follow the OSHA respirator regulations found in 29CFR

1910.134 or European Standard EN 149. Always use a NIOSH or European Standard EN 149 approved respirator when necessary.
--

### PHYSICAL AND CHEMICAL PROPERTIES

Physical state	Liquid
Appearance	Clear, colorless to light yellow
Odor	None reported
Vapor Pressure	Not available
Vapor Density	None available
Evaporation Rate	Not available
Flash Point	111°C (231.8°F)
Viscosity	Not available
Boiling Point	220 deg C @ 760.00 mm. Hg.
Freezing/Melting Point	Not available
Decomposition Temperature	Not available
Solubility	Slightly soluble in water
Specific Gravity/Density	0.9210 g/cm <sup>3</sup>
Molecular Formula	C <sub>8</sub> H <sub>16</sub> O <sub>2</sub>
Molecular Weight	144.21

### STABILITY AND REACTIVITY

Chemical Stability	Stable under normal temperatures and pressures.
Conditions to avoid	Not available.
Incompatibilities with Other Materials	Bases - oxidizing agents ⚡ reducing agents.
Hazardous decomposition products	Carbon monoxide, carbon dioxide.
Hazardous Polymerization	Has not been reported.

### TOXICOLOGICAL INFORMATION

Toxicity Data	
RTECS#	CAS# 99-66-1: YV7875000
LD50/LC50	CAS# 99-66-1: Oral, mouse: LD50 = 1098 mg/kg; Oral, rat: LD50 = 670 /kg.
Carcinogenicity	: 2-Propylpentanoic acid, 99% - Not listed by ACGIH, IARC, NIOSH, NTP, or OSHA.

### ECOLOGICAL INFORMATION

Material Safety Data Sheet  
 Ecotoxicity : Not available.

#### Disposal consideration

Dispose off in a manner consistent with federal, state, and local regulations.

RCRA D-Series Maximum Concentration of Contaminants : None listed.  
RCRA D-Series Chronic Toxicity Reference Levels : None listed.  
RCRA F-Series : None listed.  
RCRA P-Series : None listed.  
RCRA U-Series : None listed.

Not listed as a material banned from land disposal according to RCRA.

#### **TRANSPORT INFORMATION**

##### **US DOT**

Shipping Name : CORROSIVE LIQUID, ACIDIC, ORGANIC, N.O.S.\*  
Hazard Class : 8  
UN Number : 3265  
Packing Group : III

##### **IMO**

Shipping Name : CORROSIVE LIQUID, ACIDIC, ORGANIC, N.O.S.  
Hazard Class : 8  
UN Number : 3265  
Packing Group : III

##### **IATA**

Shipping Name : CORROSIVE LIQUID, ACIDIC, ORGANIC, N.O.S.\*  
Hazard Class : 8  
UN Number : 3265  
Packing Group : III

##### **RID/ADR**

Shipping Name : CORROSIVE LIQUID, ACIDIC, ORGANIC, N.O.S.  
Dangerous Goods Code : 8(40°C)  
UN Number : 3265

Canadian TDG No information available.

#### **REGULATORY INFORMATION**

##### **US FEDERAL TSCA**

CAS# 99-66-1 is not listed on the TSCA inventory. Health & Safety Reporting List None of the chemicals are on the Health & Safety Reporting List.

Chemical Test Rules:-None of the chemicals in this product are under a Chemical Test Rule.

Section 12b:-None of the chemicals are listed under TSCA Section 12b.

TSCA Significant New Use Rule: - None of the chemicals in this material have a SNUR under TSCA.SARA

Section 302 (RQ) :-None of the chemicals in this material have an RQ.

Section 302 (TPQ) :- None of the chemicals in this product have a TPQ.

Section 313 :-No chemicals are reportable under Section 313.

##### **Clean Air Act:**

This material does not contain any hazardous air pollutants.

◆ This material does not contain any Class 1/Class 2 Ozone depleters.

◆ Clean Water Act: None of the chemicals in this product are listed as Hazardous

◆ Substances under the CWA. None of the chemicals in this product are listed as Priority

◆ Pollutants under the CWA. None of the chemicals in this product are listed as Toxic Pollutants under the CWA.

◆ OSHA: None of the chemicals in this product are considered highly hazardous by OSHA.

◆ STATE 2-Propylpentanoic acid, 99% can be found on the following state right to know lists: Massachusetts.

WARNING: This product contains 2-Propylpentanoic acid, 99%, a chemical known to the state of California to cause birth defects or other reproductive harm.

◆ California No Significant Risk Level: None of the chemicals in this product are listed.

◆ European/International Regulations European Labeling in Accordance with EC Directives

- ◆ Hazard Symbols: XN
- ◆ Risk Phrases: R 22 Harmful if swallowed. R 36/37/38 Irritating to eyes, respiratory system and skin.
- ◆ Safety Phrases: S 26 In case of contact with eyes, rinse immediately with plenty of water and seek medical advice.
- S 37/39 Wear suitable gloves and eye/face protection.
- ◆ WGK (Water Danger/Protection)
- CAS# 99-66-1: No information available.
- ◆ Canada None of the chemicals in this product is listed on the DSL/NDSL list.
- ◆ WHMIS: Not available. CAS# 99-66-1 is not listed on Canada's Ingredient Disclosure List. Exposure Limits

## OTHER INFORMATION

The information above is believed to be accurate and represents the best information currently available to us. However, we make no warranty of merchantability or any other warranty, express or implied, with respect to such information. Users should make investigations to determine the suitability of the information for their particular purpose. In no way shall we be liable for any claims, losses, or damages of any third party or for lost profits or any special, indirect, incidental, consequential or exemplary damages, howsoever arising, even if we have been advised of possibility of such damages.

[PDS](#) | | [COA](#)

[About Us](#) || [Products](#) || [Services](#) || [Group of Co's](#) || [History](#) || [Background](#)  
[Management](#) || [Careers](#) || [Future Prospects](#) || [Contact Us](#)



Viton(R) is a registered trademark of DuPont Dow Elastomers.

◆ Kedia Chemicals