

Safety Data Sheet

According to 91/155 EEC

Printing date 24.06.2009

Revision: 24.06.2009

1 Identification of the substance/preparation and of the company/undertaking

· **Product details**

· **Trade name:** Ethoxypropanol

Manufacturer/Supplier:

Asiatic Chemicals Pakistan



Address

30-Mussa Market 2nd Floor,

Opp Sindh Madrasah

Shahrah-e-Liaquat

Mobile

0092-320-4320301

Email

asiatic-petro@cyber.net.pk

asiatic@asiatic.com.pk

Tel No

0092-21-32422537

Fax No

0092-21-3241554

2 Composition/information on ingredients

· **Chemical characterization:**

· **CAS No. Description**

1569-02-4 1-ethoxypropan-2-ol

· **Identification number(s)**

· **EINECS Number:** 216-374-5

· **Index number:** 603-177-00-8

3 Hazards identification

· **Hazard description:** Not applicable.

· **Information concerning particular hazards for human and environment:**

R 10 Flammable.

R 67 Vapours may cause drowsiness and dizziness.

4 First aid measures

· **After inhalation:** Supply fresh air; consult doctor in case of complaints.

· **After skin contact:** Generally the product does not irritate the skin.

· **After eye contact:** Rinse opened eye for several minutes under running water.

· **After swallowing:** If symptoms persist consult doctor.

5 Fire-fighting measures

· **Suitable extinguishing agents:**

CO₂, powder or water spray. Fight larger fires with water spray or alcohol resistant foam.

· **Protective equipment:** No special measures required.

6 Accidental release measures

· **Person-related safety precautions:** Wear protective equipment. Keep unprotected persons away.

· **Measures for environmental protection:** Do not allow to enter sewers/ surface or ground water.

· **Measures for cleaning/collecting:** Dilute with plenty of water.

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7 Handling and storage

- **Handling:**
- **Information for safe handling:** No special requirement
- **Information about fire - and explosion protection:**
Keep ignition sources away - Do not smoke.
Protect against electrostatic charges.
- **Storage:**
- **Requirements to be met by storerooms and receptacles:** No special requirements.
- **Information about storage in one common storage facility:** Not required.
- **Further information about storage conditions:** Keep container tightly sealed.

8 Exposure controls/personal protection

- **Additional information about design of technical facilities:** No further data; see item 7.
- **Ingredients with limit values that require monitoring at the workplace:** Not required.
- **Additional information:** The lists valid during the making were used as basis.
- **Personal protective equipment:**
- **General protective and hygienic measures:** Wash hands before breaks and at the end of work.
- **Respiratory protection:** Not required.
- **Protection of hands:**



Protective gloves

The glove material has to be impermeable and resistant to the product/ the substance/ the preparation.
Due to missing tests no recommendation to the glove material can be given for the product/ the preparation/ the chemical mixture.

Selection of the glove material on consideration of the penetration times, rates of diffusion and the degradation

- **Material of gloves**

The selection of the suitable gloves does not only depend on the material, but also on further marks of quality and varies from manufacturer to manufacturer.

- **Penetration time of glove material**

The exact break through time has to be found out by the manufacturer of the protective gloves and has to be observed.

- **Eye protection:**



Tightly sealed goggles

9 Physical and chemical properties

- **General Information**

Form:	Fluid
Colour:	Colourless
Odour:	Characteristic

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- **Change in condition**

- Melting point/Melting range:** -90°C

- Boiling point/Boiling range:** 132°C

- **Flash point:** 42°C

- **Ignition temperature:** 255°C

- **Danger of explosion:** *Product is not explosive. However, formation of explosive air/vapour mixtures are possible.*

- **Explosion limits:**

- Lower:** 1.3 Vol %

- Upper:** 12 Vol %

- **Vapour pressure at 20°C:** 10 hPa

- **Density at 20°C:** 0.896 g/cm³

- **Solubility in / Miscibility with water at 20°C:** 0.10 w/w

- **Viscosity:**

- Dynamic at 20°C:** 2.1 mPas

10 Stability and reactivity

- **Thermal decomposition / conditions to be avoided:** *No decomposition if used according to specifications.*

- **Dangerous reactions** *No dangerous reactions known.*

- **Dangerous decomposition products:** *No dangerous decomposition products known.*

11 Toxicological information

- **Acute toxicity:**

- **LD/LC50 values relevant for classification:**

Oral	LD50	4900 mg/kg (rat)
Dermal	LD50	9500 mg/kg (rab)

- **Primary irritant effect:**

- on the skin:** *No irritant effect.*

- on the eye:** *No irritating effect.*

- **Sensitization:** *No sensitizing effects known.*

12 Ecological information

- **General notes:**

- Water hazard class 1 (German Regulation) (Self-assessment): slightly hazardous for water*

- Do not allow undiluted product or large quantities of it to reach ground water, water course or sewage system.*

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13 Disposal considerations

- **Product:**
- **Recommendation**
Must not be disposed together with household garbage. Do not allow product to reach sewage system.
- **Uncleaned packaging:**
- **Recommendation:** *Disposal must be made according to official regulations.*

14 Transport information

- **Maritime transport IMDG:**
- **Marine pollutant:** *No*

15 Regulatory information

- **Labelling according to EU guidelines:**
The product has been classified and marked in accordance with EU Directives / Ordinance on Hazardous Materials.
- **Risk phrases:**
10 Flammable.
67 Vapours may cause drowsiness and dizziness.
- **Safety phrases:**
2 Keep out of the reach of children.
24 Avoid contact with skin.

16 Other information

This information is based on our present knowledge. However, this shall not constitute a guarantee for any specific product features and shall not establish a legally valid contractual relationship.

- **Department issuing MSDS:** *Product safety department*
- **Contact:** *Mr. Menon*

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