ETHYL ETHER of PROPYLENE GLYCOL (cas 52125-53-8) MSDS

Material Safety Data Sheet
Conforms to EU Directive 91/155/EC and ISO 11014-1

Product name : Ethoxy Propanol
No previous validation.
Date of previous issue :

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

: Ethoxy Propanol
Product name
: N660 S041
Product code
Use of the substance/preparation : Screen Reducer
Supplier : GL Specialized Inks (Pty) Ltd
8 Hawthorne Place, Mahogany Ridge, Pinetown, Durban
36 Roper Street, New Centre, Johannesburg
19 Vierlanden Street, Durbanville, Cape Town
: 031 - 700 6455
Emergency telephone number
011 - 493 0383
021 - 975 5240

2. Composition/information on ingredients

: Organic liquid
Chemical characterization

Ingredient name CAS number % EC number Classification
propanol, 1(or 2)-ethoxy- 52125-53-8 >95 Xi; R36
See section 16 for the full text of the R-phrases declared above
Occupational exposure limits, if available, are listed in section 8.

3. Hazards identification

The substance is not classified as dangerous according to Directive 67/548/EEC and its amendments.

: Classification Xi; R36

: Physical/chemical hazards No known significant effects or critical hazards.

: Human health hazards Imitating to eyes.

: Environmental hazards No known significant effects or critical hazards.
See section 11 for more detailed information on health effects and symptoms.

4. First aid measures

: Move exposed person to fresh air. Keep person warm and at rest. If not breathing, if breathing
Inhalation
is irregular or if respiratory arrest occurs, provide artificial respiration or oxygen by trained
personnel. It may be dangerous to the person providing aid to give mouth-to-mouth
resuscitation. Get medical attention if symptoms occur. If unconscious, place in recovery
position and get medical attention immediately. Maintain an open airway. Loosen tight clothing
such as a collar, tie, belt or waistband.

: Wash out mouth with water. Remove dentures if any. Move exposed person to fresh air. Keep
Ingestion
person warm and at rest. If material has been swallowed and the exposed person is conscious,
give small quantities of water to drink. Stop if the exposed person feels sick as vomiting may be
dangerous. Do not induce vomiting unless directed to do so by medical personnel. If vomiting occurs, the head should be kept low so that vomit does not enter the lungs. Get medical attention if symptoms occur. Never give anything by mouth to an unconscious person. If unconscious, place in recovery position and get medical attention immediately. Maintain an open airway. Loosen tight clothing such as a collar, tie, belt or waistband.

: Wash contaminated skin with soap and water. Remove contaminated clothing and shoes. Get medical attention if symptoms occur. Wash clothing before reuse. Clean shoes thoroughly before reuse.

: Immediately flush eyes with plenty of water for at least 15 minutes, occasionally lifting the upper and lower eyelids. Check for and remove any contact lenses. Get medical attention if irritation occurs.

See section 11 for more detailed information on health effects and symptoms.

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5. Fire-fighting measures
   Extinguishing media
   Suitable : In case of fire, use water spray (fog), foam or dry chemical.
   Not suitable : None known.
   No specific hazard.
   Special exposure hazards
   : These products are carbon oxides (CO, CO2).
   Hazardous thermal decomposition products
   : Fire-fighters should wear appropriate protective equipment and self-contained breathing apparatus (SCBA) with a full face-piece operated in positive pressure mode.

6. Accidental release measures
   : Immediately contact emergency personnel. Keep unnecessary personnel away. Use suitable Personal precautions protective equipment.
   : Avoid dispersal of spilled material and runoff and contact with soil, waterways, drains and sewers.
   : Methods for cleaning up if emergency personnel are unavailable, contain spilled material. For small spills, add absorbent (soil may be used in the absence of other suitable materials), scoop up material and place in a sealable, liquid-proof container for disposal. For large spills, dike spilled material or otherwise contain material to ensure runoff does not reach a waterway. Place spilled material in an appropriate container for disposal.

7. Handling and storage
   : Wash thoroughly after handling.
   Handling
   : Keep container tightly closed. Keep container in a cool, well-ventilated area.
   Storage
   Packaging materials
   : Use original container.
   Recommended

8. Exposure controls/personal protection
   : Not available.
   Exposure limit values
   : Provide exhaust ventilation or other engineering controls to keep the airborne concentrations of Occupational exposure controls vapors below their respective occupational exposure limits. Ensure that eyewash stations and safety showers are close to the workstation location.
   : Use a properly fitted, air-purifying or air-fed respirator complying with an approved standard if a
Respiratory protection
risk assessment indicates this is necessary. Respirator selection must be based on known or
anticipated exposure levels, the hazards of the product and the safe working limits of the selected
respirator.

Chemical-resistant, impervious gloves complying with an approved standard should be worn at all

Hand protection
times when handling chemical products if a risk assessment indicates this is necessary.

Recommended:
Neoprene gloves. Nitrile gloves. nitrile rubber

Safety eyewear complying with an approved standard should be used when a risk assessment

Eye protection
indicates this is necessary to avoid exposure to liquid splashes, mists, gases or dusts.

Personal protective equipment for the body should be selected based on the task being

Skin protection
performed and the risks involved and should be approved by a specialist before handling this

product.

9. Physical and chemical properties

General information
Appearance

: Liquid.

Physical state
Important health, safety and environmental information

: Combustible liquid

Flammability (solid, gas)

: Ethoxy Propanol

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10. Stability and reactivity

: The product is stable.

Stability

Conditions to avoid Avoid all possible sources of ignition (spark or flame).

Materials to avoid No specific data.

Hazardous decomposition products No specific data.

11. Toxicological information

Potential acute health effects

: Inhalation No known significant effects or critical hazards.

: Ingestion No known significant effects or critical hazards.

Inhalation

Skin contact No known significant effects or critical hazards.

Skin

Eye contact Irritating to eyes.

Potential chronic health effects

: No known significant effects or critical hazards.

Carcinogenicity

: No known significant effects or critical hazards.

Mutagenicity

: No known significant effects or critical hazards.

Reproductive toxicity

Over-exposure signs/symptoms

: No specific data.

Inhalation

Ingestion No specific data.

Skin No specific data.
12. Ecological information
: No known significant effects or critical hazards.

13. Disposal considerations
: Non-hazardous waste

Methods of disposal
Waste must be disposed to a landfill permitted in terms of the Department of Water Affairs and Forestry's minimum requirements for waste disposal to landfill, and the minimum requirements for the handling, classification and disposal of hazardous waste.

14. Transport information

Packing
Regulatory UN number Proper shipping name Class Label Additional information group information
- ADR / SANS 10228 Not - -
- Class regulated.
- IMDG Class Not - -
  regulated.
- IATA Class Not - -
  regulated.

15. Regulatory information

SANS 10265 / EU Regulations

Hazard symbol/symbols:

Irritant
: R36- Irritating to eyes.

Risk phrases
: S25- Avoid contact with eyes.

Safety phrases
: Classification and labelling have been performed according to EU Directives 67/548/EEC and 1999/45/EC (including amendments) and the intended use.

- Industrial applications.
- Ethoxy Propanol

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16. Other information

Full text of R-phrases referred to in: R36- Irritating to eyes.

sections 2 and 3 - Europe

Prepared by: GL Inks EHS

Notice to reader
This MSDS summarises at the date of issue our best knowledge of the health, safety and environmental hazard information related to the product and, in particular, how to safely handle, use, and transport the product in the workplace. Since GL Specialized inks (Pty) Ltd cannot anticipate or control the conditions under which the product may be handled, used, stored or transported, each user must, prior to usage, review the MSDS in the context of how the user intends to handle, use, store or transport the product in the workplace and beyond; and communicate such information to all relevant parties. If clarification, or further information is required to ensure that an appropriate assessment can be made, the
user should contact the company.

We shall not assume any liability of the accuracy or completeness of the information contained herein, or any advice given, unless there has been gross negligence on our part. In such an event, our liability shall be limited only to direct damages suffered. Our responsibility for the product as sold is subject to our standard terms and conditions. All risk with possession and application of the product passes on delivery.