

7: HANDLING AND STORAGE

- Handling** Avoid contact with eyes and skin. Ensure adequate ventilation of the working area. Adopt best Manual Handling considerations when handling, carrying and dispensing.
- Storage** Keep in a cool, dry, well ventilated area. Keep containers tightly closed. Store in correctly labelled containers.

8: EXPOSURE CONTROLS/PERSONAL PROTECTION

- Engineering measures** Ensure adequate ventilation of the working area.
- Respiratory protection** Wear: Suitable respiratory equipment.
- Hand protection** Chemical resistant gloves (PVC)
- Eye protection** Approved safety goggles.
- Protective equipment** Wear chemical protective clothing.

9: PHYSICAL AND CHEMICAL PROPERTIES

Description	Paste
Colour	White
Odour	Mild
Flash Point	204.4°C
Vapour pressure	2pa @ 160
Relative density	1.65
Water solubility	0.009 kg/m @ 23

10: STABILITY AND REACTIVITY

- Stability** Stable under normal conditions.

11: TOXICOLOGICAL INFORMATION

Toxicological information

Bisphenol A-(epichlorhydrin) (reaction product) Oral Rat LD50 = 11400 mg/kg

Acute toxicity Dermal Rabbit LD50 = 2000 mg/kg. Oral Rat LD50 = 2000 mg/kg.

12: ECOLOGICAL INFORMATION

Ecotoxicity Toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment.

Degradability Not readily biodegradable.

13: DISPOSAL CONSIDERATIONS

- General Information** Dispose of in accordance with local regulations.

14: TRANSPORT INFORMATION

ADR/RID

UN 3082 Packing group III

Class 9 Hazard ID 90

Proper Shipping Name eNVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S.

IMDG

UN 3082 Packing group III

Class 9 Marine pollutant .

EmS Code F-A S-F

IATA

Class 9 Subsidiary risk -

Packing Instruction

(Cargo)

914 Maximum quantity 450 L

Packing Instruction

(Passenger)

914 Maximum quantity 450 L

UN 3082 Packing group III

Further information The product is not classified as dangerous for carriage.

15: REGULATORY INFORMATION

Symbol - Xi - Irritant, N - Dangerous for the environment

R-Phrases - R36/38 - Irritating to eyes and skin.

R43 - May cause sensitisation by skin contact.

R51/53 - Toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment.

S-Phrases - S24 - Avoid contact with skin.

S29 - Do not empty into drains.

S37 - Wear suitable gloves.

16: OTHER INFORMATION

Text of R phrases mentioned in Section 2

R36 Irritating to eyes.

R38 Irritating to skin.

R43 May cause sensitisation by skin contact.

R51 Toxic to aquatic organisms.

R53 May cause long-term adverse effects in the aquatic environment.

The information contained in this Safety Data Sheet does not constitute the user's own assessment of the workplace risks as required by other health & safety legislation.

The provisions of the Health & Safety at work etc. Act and the Control of Substances Hazardous to Health Regulations apply to the use of this product at work.

PRECAUTIONS: This product and the auxiliary materials normally combined with it are capable of producing adverse health effects ranging from minor skin irritation to serious systemic effects. None of these materials should be used, stored, or transported until the handling precautions and recommendations as stated in the Material Safety Data Sheets (MSDS) for this and all other products being used are understood by all persons who will work with the product.

7: HANDLING AND STORAGE

Handling Avoid contact with eyes and skin. Ensure adequate ventilation of the working area. Adopt best Manual Handling considerations when handling, carrying and dispensing.

Storage Keep in a cool, dry, well ventilated area. Keep containers tightly closed. Store in correctly labelled containers.

8: EXPOSURE CONTROLS/PERSONAL PROTECTION

Engineering measures Ensure adequate ventilation of the working area.

Respiratory protection Wear: Suitable respiratory equipment.

Hand protection Chemical resistant gloves (PVC)

Eye protection Approved safety goggles.

Protective equipment Wear chemical protective clothing.

9: PHYSICAL AND CHEMICAL PROPERTIES

Description	Viscous liquid
Colour	Clear
Flash Point	93.3°C
Relative density	1.1
Water solubility	Immiscible in water

10: STABILITY AND REACTIVITY

Stability Stable under normal conditions.

11: TOXICOLOGICAL INFORMATION

Toxicological information

MERCAPTAN AMINE BLEND MIXTURE Oral Rat LD50 = n/d

Dermal Rabbit LD50 = n/d

Inhalation Rat LC50/4 h = n/d

Acute toxicity No data is available on this product.

12: ECOLOGICAL INFORMATION

Ecotoxicity No data is available on this product.

13: DISPOSAL CONSIDERATIONS

General Information - Dispose of in accordance with local regulations.

14: TRANSPORT INFORMATION

Further Information - Not classified as dangerous in the meaning of transport regulations.

15: REGULATORY INFORMATION

R-Phrases - R20/21/22 - Harmful by inhalation, in contact with skin and if swallowed.
R36/37 - Irritating to eyes and respiratory system.
R51/53 - Toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment.

S-Phrases - S29 - Do not empty into drains.
S36/37 - Wear suitable protective clothing and gloves.

16: OTHER INFORMATION

Text of R phrases mentioned in Section 2

R20/21/22 Harmful by inhalation, in contact with skin and if swallowed.
R36/37 Irritating to eyes and respiratory system.
R51/53 Toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment.

The information contained in this Safety Data Sheet does not constitute the user's own assessment of the workplace risks as required by other health & safety legislation.

The provisions of the Health & Safety at work etc. Act and the Control of Substances Hazardous to Health Regulations apply to the use of this product at work.

PRECAUTIONS: This product and the auxiliary materials normally combined with it are capable of producing adverse health effects ranging from minor skin irritation to serious systemic effects. None of these materials should be used, stored, or transported until the handling precautions and recommendations as stated in the Material Safety Data Sheets (MSDS) for this and all other products being used are understood by all persons who will work with the product.