

INGREDIENTS

| Chemical Entity / Hazardous Component | CAS Numbers | Proportion by wt. |
|---------------------------------------|-------------|-------------------|
| Potassium Hydroxide | 1310-58-3 | <2% |

This product(s) also contains other ingredients, that are not classified as hazardous by ASCC/NOHSC criteria.

FIRST AID MEASURES

Route of Exposure First Aid Measures

Ingestion: Give a glass of water. Do NOT induce vomiting. Place patients head downwards if vomiting occurs, to prevent it entering lungs .As aspiration of material into lungs can be fatal, causing chemical pneumonitis. Seek medial aid.

Eye: Immediately irrigate with large quantities of water for at least 15 minutes. Seek medical advice.

Skin: Wash exposed area thoroughly with water. Remove contaminated clothing.

Inhaled: Give fresh air, careful not to become a casualty yourself. Remove and loosen clothing. If breathing normally make patient comfortable and keep warm till recovered. If breathing is difficult ensure airways are clear and have a qualified person give oxygen from a face mask. If breathing has stopped commence (EAR), if cardiac arrest commence (CPR) and seek medical aid urgently.

Advice To Doctor: Treat Symptomatically.

FIRE FIGHTING MEASURES

Suitable Extinguishing Media: Not considered a fire hazard. Water spray may be used to keep fire exposed containers cool.

Hazards from Combustion Products: Not prone to combustion. However, toxic materials such as carbon monoxide, carbon dioxide and various hydrocarbons may form when heated to decomposition.

Precautions for Firefighters: Not considered to be a fire hazard. If safe to do so, remove containers from the path of the fire and keep cool with water spray.

Firefighters should wear self contained breathing apparatus with a full face and operated in the positive pressure mode.

Hazchem Code:

ACCIDENTAL RELEASE MEASURES

Emergency Procedures: In the case of a spill wash area with plenty of water. Ventilate the area and wear the correct Personal Protective Equipment.

Containment: Contain and absorb the spill with absorbent material such as sand, soil or vermiculite. Prevent its entry into drains. Transfer the material into drums. Seal and label the drums. Contact the appropriate waste management authority for disposal.

HANDLING AND STORAGE

Handling: Wear the correct Personal Protective Equipment when using this product. Only use in a well ventilated area.

Never eat, drink or smoke whilst handling this product. Always wash hands before smoking, eating, drinking or using the toilet.

Safe Storage: Store containers in a cool place and out of direct sunlight. Store in a well ventilated area and away sources of ignition, oxidising agents and/or foodstuffs. Keep containers tightly closed when not in use and check regularly for leaks.

EXPOSURE CONTROLS / PERSONAL PROTECTION

Exposure Limits:

Potassium Hydroxide

TLV –TWA (mg/m³)

2

Engineering Controls: Ensure sufficient ventilation to maintain concentration below exposure standard. Only use in a well ventilated area. Keep containers sealed when not in use.

Personal Protection: Skin contact should be avoided by wearing impervious work clothing, boots and Neoprene or PVC gloves. Eyes should be protected by chemical goggles or safety glasses fitted with side shields. If an inhalation risks exists an organic vapour respirator should be used. Ensure cartridges are correct for the potential air contamination.

PHYSICAL AND CHEMICAL PROPERTIES

| | |
|----------------------|------------------|
| Appearance: | Pink soft paste. |
| Odour: | Perfumed odour. |
| pH: | 10 |
| Vapour Pressure: | Not Available |
| Vapour Density: | Not Available |
| Boiling Point Range: | >99 °C |
| Melting Point: | Not Applicable |
| Solubility In Water: | 100% |
| Specific Gravity: | 1.10 – 1.20 |
| Flammability Limits: | Not Applicable |
| Flash Point: | Not Applicable |

STABILITY AND REACTIVITY

Chemical Stability: Stable under ordinary conditions of use and storage.

Conditions to Avoid: None.

Incompatible Materials: None

Hazardous Decomposition Products: Toxic materials such as carbon monoxide, carbon dioxide and various hydrocarbons may form when heated to decomposition.

Hazardous Reactions: Not Applicable.

TOXICOLOGICAL INFORMATION

Acute Health Effects:

Ingestion: Can result in headaches, nausea, vomiting and diarrhoea.

Eye: Will cause discomfort and may cause redness, itching or blurred vision.

Skin: May cause irritation to skin.

Inhaled: No adverse effects expected.

Chronic Health Effects:

Ingestion: May cause irritation to the mucous membranes of the digestive system. May result in damage to the liver and kidney, blood disorders and may affect the central nervous system.

Eye: May cause redness, tearing or blurred vision.

Skin: May cause dermatitis and eczema.

Inhaled: No adverse effects expected.

ECOLOGICAL INFORMATION

Prevent the entry of this product and any chemically contaminated water into drains. Dispose of any contaminated water and soil in accordance with the relevant waste management authority.

DISPOSAL CONSIDERATIONS

Contact the relevant waste management authority. Normally suitable for incineration by an approved agent.

TRANSPORT INFORMATION

| | | |
|-----------------|------------------------|------------------|
| UN Number: | 1263 | DG Class: |
| Shipping Name: | PAINT RELATED MATERIAL | Subsidiary Risk: |
| Packaging Group | | Hazchem |

REGULATORY INFORMATION

Poisons Schedule: Not Scheduled

OTHER INFORMATION

Date of Issue: 31/10/08
Replaces Issue Dated: 11/09/03

The above information has been presented in good faith and is accurate to the best of our knowledge, at the time of preparation. All of the information supplied herein is related only to the health and safety issues of the product. Users should assume all responsibility for its use, as the conditions under which this product is used are beyond our control. For technical information on the use of this product users should consult the appropriate Technical Data Sheet.

END OF MSDS