Membrane Care 210

MATERIAL SAFETY DATA SHEET

Product Name: Membrane Care 210

1. IDENTIFICATION OF THE MATERIAL AND SUPPLIER

Supplier Name	MA Chemical, Faisalabad
Telephone	041-8863353
Emergency	0333-9144802
Email	machemical1511@gmail.com

2. HAZARDS IDENTIFICATION

CLASSIFIED AS HAZARDOUS ACCORDING TO NOHSC CRITERIA

RISK PHRASES

R35 Causes severe burns.

R41 Risk of serious damage to eyes.

SAFEY PHRASES

S1/2 Keep locked up and out of reach o children.

S26 In case of contact with eyes, rinse immediately with plenty of water and contact a doctor or Poisons information center.

S28 After contact with skin, wash immediately with plenty of water.

S36/37/39 Wear suitable protective clothing, gloves and eye/face protection.

S45 In case of accident of if you feel unwell, contact a doctor of Poisons information center immediately (show the label where possible).

3. FIRST AID MEASURES

Eye	Hold eyelids apart and flush continuously with water. Continue until advised to stop by the Poisons information center, a doctor, or for at least 15 minutes, Keep patient calm
Inhalation	If over exposure occurs leave exposure area immediately. If irritation persists, seek medical attention.
Skin	Remove contaminated clothing and gently flush affected areas with water . Continue to flush with water until skin no longer feels soapy. Seek medical attention. Launder clothing before reuse.
Ingestion	DO NOT induce vomiting. Immediately wash out mouth with water, and then give water to drink, seek medical attention.
Advice to Doctor	Treat symptomatically
First Aid Facilities	Eye wash facilities and safety shower should be available.

4. FIRE FIGHTING MEASRUES

Flammability	Non flammable. No fire or explosion hazard exists.
Fire and Explosion	Non flammable. Evacuate area and contact emergency services. Remain upwind and notify those downwind of hazard. Wear full protective equipment including Self Contained Breathing Apparatus (SCBA) when combating fire. Use waterfog to cool intact containers and nearby storage areas.
Extinguishing	Non flammable. Prevent contamination of drains or waterways,
Hazchem Code	2R

5. ACCIDENTAL RELEASE MEASURES

Spillage	If spilt, absorb with sand or similar. Wear splash-proof goggles. PVC/rubber gloves, coveralls and rubber boots. Collect and place in sealable containers for disposal. Caution: Spill site may be slippery.

6. STORAGE AND HANDLING

Storage	Store in cool, dry, well ventilated area, removed from exidising agents, acids and foodstuffs. Ensure containers are adequately labeled, protected fro physical damage and sealed when not in use.

7. EXPOSURE CONTROL / PERSONAL PROTECTION

Biological Limit Values	No biological limit allocated.
Engineering Control	do not inhale vapors. Use in well ventilated areas. In poorly ventilated areas, mechanical extracting ventilation is recommended. Maintain vapor levels below the recommended exposure standard.
PPE	Wear splash-proof goggles, rubber or PVC gloves and coveralls. When using large quantities or where heavy contamination is likely, wear a PVC apron, rubber boots and a faceshield.

8. PHYSICAL AND CHEMCIAL PROPERTIES

Appearance	CLEAR COLOURLESS TO SLIGHTLY AMBER FOAMY LIQUID	Solubility (water	SOLUBLE
Odour	CHARACTERISTIC ODOUR	Specific Gravity	1.180 (Approximately)
pH	> 12.5	% Vlatiles	NOT AVAILABLE
Vapour Preassure	NOT AVAILABLE	Flammability	NOT FLAMMABLE
Vapour Density	NOT AVAILABLE	Flash Point	NOT RELEVENT
Boiling Point	100°C (Approximately)	Upper Explosion Limit	NOT RELEVENT
Melting Point	NOT ABAVILABLE	Lower Explosion Limit	NOT RELEVENT
Evaporation Rate	NOT AVAILABLE	Autoignition Temperature	NOT ABAILABLE

9. STABILITY AND REACTIVITY

Material to Avoid	Incompatible with oxidizing agents (eg. Peroxides), acids (eg. Sulphuric acid), active meats (eg. Aluminum, potassium, magnesium), and heat and ignition sources.
Decomposition	May evolve toxic gases if heated to decomposition.

10. TOXICOLOGICAL INFORMATION

Material to Avoid	Use safe work practices to avoid eye or skin contact. Due to the low vapour pressure of this product an inhalation hazard is not anticipated under normal conditions. If diluted, the potential for corrosive effects will be reduced.
Eye	May result in pain, redness, corneal burns and ulceration with possible permanent damage with prolonged contact.
Inhalation	Over exposure at high levels may result in irritation of the nose and throat, coughing, nausea and nasal inflammation. Low volatility markedly reduces inhalation hazard.
Skin	Contact may result in itching, pain, redness, rash and dermatitis. Prolonged contact may result in burns.
Ingestion	Ingestion may result in ulceration and burns to the mouth and throat, nausea, vomiting, abdominal pain and diarrhea.
Toxicity Date	POTASSIUM HYDROXIDE (1310-58-3)

11. ECOLOGICAL INFORMATION

Environment	WATER: If released to waterways, alkaline products may change the pH of the waterway. Fish will die if the pH reaches 10-11 (goldfish 10.9, bluegill 10.5). SOIL: May leach to groundwater with toxic effects on aquatic life as above. ATMOSPHERE: Not expected to reside in the atmosphere. Drops or particles released to atmosphere should be removed by gravity and/or be rained out.

12. DISPOSAL CONDISDERATIONS

Waste Disposal	neutrals with dilute acid (eg. 3 mol/L hydrochloric acid) or similar. For small amounts absorb with sand or similar and dispose of to an approved landfill site. Contact the manufacturer for additional information.
Legislation	Dispose of in accordance with relevant local legislation.