Issue Date: 01 Jan 2023 Revision Date: N/A

PRODUCT IDENTIFICATION

Company Product Name: AM-22

Other/Generic Names:

Alkaline TFC Membrane Cleaner, Compound Alkaline Membrane

Cleaner.

Product Use and Restrictions

on Use

RO Membrane Cleaner.

Applied Membranes, Inc. **Supplier:** 2450 Business Park Dr

Vista, CA 92081

For More Information Call:

(Monday-Friday, 8:00am-5:00pm)

(760) 727-3711

For Chemical Emergency, Spill Leak Fire Exposure or

For Emergency Call:

Accident - Call CHEMTREC Day or Night DOMESTIC NORTH

AMERICA 202 424 2222 PMTERNATIONAL CALL 702 527 2227

AMERICA 800-424-9300 INTERNATIONAL, CALL 703-527-3887

(collect calls accepted)

HAZARDS IDENTIFICATION AND COMPOSITION/INFORMATION ON INGREDIENT

Ingredient NameCAS NumberWeight %AM-2260-00-4100%

Hazardous Ingredients: None.

- Recognized as safe.
- No more than slightly toxic.
- Swallowing large quantities may result in nausea, vomiting, gastrointestinal tract irritation.
- No more than slightly irritating.
- This product may cause coughing, chest tightness, runny nose, chest pain and burning throat.

FIRST AID MEASURES

Effects of Exposure

SKIN: No more than slightly irritating. EYES: No more than slightly irritating.

INHALATION: This product may cause coughing, chest tightness, runny nose, chest pain

and burning throat.

INGESTION: No more than slightly toxic. Swallowing large quantities may result in

nausea, vomiting, gastrointestinal tract irritation.



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First Aid Measures

SKIN: Immediate first aid is not likely to be required. However, this material can

be removed with water. Remove material from eyes, skin and clothing.

Wash heavily contaminated clothing before reuse.

EYES: Immediate first aid is not likely to be required. However, this material can

be removed with water. Remove material from eyes, skin and clothing.

Wash heavily contaminated clothing before reuse.

RESPIRATORY: Remove to fresh air. If not breathing, give artificial respiration. If

breathing is difficult, give oxygen.

INGESTION: Immediate first aid is not likely to be required. A physician or Poison

Control Center can be contacted for advice.

FIRE FIGHTING MEASURES

Flash Point/ Method: Not combustible.

Extinguishing Media: Not applicable.

Special Fire Fighting Procedures: Not applicable.

Unusual Fire and Explosion Hazards: None known.

ACCIDENTAL RELEASE MEASURES

Spill or Leak Procedures: In case of spill, sweep, scoop or vacuum and remove. If possible, complete clean-up on a dry basis. Flush residual spill area with water.

HANDLING AND STORAGE

Precautions To Be Taken In Handling And Storing: Avoid breathing dust. Keep container closed. Use only with adequate ventilation. Emptied container retains product residue. Observe all labeled safeguards until container is cleaned, reconditioned or destroyed. STORAGE: Store in a cool, dry place to maintain product performance.



PROTECTION:

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EXPOSURE CONTROLS/PERSONAL PROTECTION

SKIN PROTECTION: Although this product does not present a significant skin concern, minimize

skin contamination by following good industrial practice. Wearing protective gloves is recommended. Wash hands and contaminated skin thoroughly after

handling.

EYE PROTECTION: This product does not cause significant eye irritation or eye toxicity requiring

special protection. Use good industrial practice to avoid eye contact.

RESPIRATORY Avoid breathing dust. Use NIOSH/MSHA approved respiratory protection

equipment when airborne exposure limits are exceeded (see below). Consult

the respirator manufacturer to determine appropriate type of equipment for a given application. Observe respirator use limitations specified by NIOSH/MSHA or the manufacturer. Respiratory protection programs must

comply with 29 C.F.R. 19103134

VENTILATION: Provide natural or mechanical ventilation to control exposure levels below

airborne exposure limits (see below). The use of local mechanical exhaust ventilation is preferred at sources of air contamination such as open process

equipment.

PHYSICAL AND CHEMICAL PROPERTIES

APPEARANCE: White Powder.

PHYSICAL STATE: Powder.

ODOR: No distinct odor.

SOLUBILITY IN WATER Soluble.

pH (1% solution): 12.

STABILITY AND REACTIVITY

STABILITY: Stable under normal conditions.

HAZARDOUS POLYMERIZATION: Will not occur.

CONDITIONS TO AVOID: None known.

INCOMPATIBILITIES: None known.

HAZARDOUS DECOMPOSITION PRODUCTS: None known.



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TOXICOLOGICAL INFORMATION

OSHA and ACGIH have not established specific exposure limits for this material. However, OSHA and ACGIH have established limits for particulates not otherwise classified (PNOC) which are the least stringent exposure limits applicable to dusts.

OSHA PEL ACGIH TLV

15 mg/m³ (total dust) 8-hr TWA 10 mg/m³ (inhalable) 8-hr TWA

5 mg/m³ (respirable) 8-hr TWA 3 mg/m³ (respirable) 8-hr TWA

Components referred to herein may be regulated by specific Canadian provincial legislation. Please refer to exposure limits legislated for the province in which the substance will be used.

ECOLOGICAL INFORMATION

Ecotoxicity: The following ecotoxicity data is available for AM-22.

Daphnia EC50 48h → No data available. Fish LC50 96h → No data available. Algae EC50 72h → No data available.

Biological Degradability: Easily Degradable.

Bioaccumulative Potential: No data available.

Mobility in Soil: No data available.

Other Adverse Effects: No data available.

Does not disturb waste water purification if properly used.

DISPOSAL CONSIDERATIONS

Dispose of waste material according to federal, state and local regulations.

May be disposed of in drain in a suitable facility, provided local regulations are observed.

Soiled, empty containers are to be treated in the same way as the contents.

TRANSPORT INFORMATION

Not DOT Regulated.

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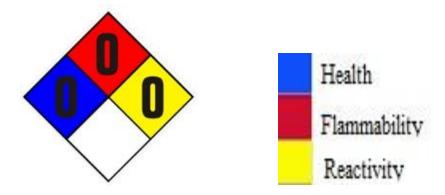
REGULATORY INFORMATION

Not Applicable.

OTHER INFORMATION



Hazard rating: 0 – Minimal; 1 – Slight; 2 – Moderate; 3 – Serious; 4 – Severe; *Chronic health effect



SPECIAL HMIS RATINGS NOTES:

Protection = H (Safety goggles, gloves, apron and a vapor respirator)