



SAFETY DATA SHEET

AM-124

Issue Date: 01 Jan 2023

Revision Date: N/A

PRODUCT IDENTIFICATION

Company Product Name: AM-124

Other/Generic Names: Iron Deposit Remover TFC/CA Type RO Membranes.

Product Use and Restrictions on Use Membrane Cleaner.

Supplier: Applied Membranes, Inc.
2450 Business Park Dr
Vista, CA 92081

For More Information Call: (760) 727-3711
(Monday-Friday, 8:00am-5:00pm)

For Emergency Call: For Chemical Emergency, Spill Leak Fire Exposure or Accident - Call CHEMTREC Day or Night DOMESTIC NORTH AMERICA 800-424-9300 INTERNATIONAL, CALL 703-527-3887 (collect calls accepted)

HAZARDS IDENTIFICATION AND COMPOSITION/INFORMATION ON INGREDIENT

Substance: Proprietary

<u>Ingredient Name</u>	<u>CAS Number</u>	<u>Weight %</u>	<u>OSHA PEL</u>	<u>ACGIH TLV</u>
AM-124	---	100%	5.000 mg/m ³	5.000 mg/m ³

Hazardous Ingredients: None.

- Recognized as safe.
- An irritant, characteristic of organic acids.
- Mild Irritant.

FIRST AID MEASURES

Effects of Exposure

SKIN: Mild Irritant.

EYES: An irritant characteristic of organic acids.

INHALATION: Dust may cause mild symptoms of respiratory irritation.

INGESTION: Recognized as safe.



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Emergency First Aid

SKIN: Wash affected area with water. Launder clothing before reuse.
EYES: Wash eyes with plenty of water. Get medical attention.
INHALATION: Remove person to fresh air.
INGESTION: Recognized as safe.

FIRE FIGHTING MEASURES

Flash Point/ Method: Ignition temperature (Powder 1000-1020 C).

Extinguishing Media: Water.

Special Fire Fighting Procedures: None.

Unusual Fire and Explosion Hazards: None At optimum air concentration Bureau of Mines Relative Explosion Rating = Weak

Upper Explosive Limit (UEL): 8 grams/ft³

Lower Explosive Limit (LEL): 65 grams/ft³

ACCIDENTAL RELEASE MEASURES

Spill or Leak Procedures: Neutralize and flush with water or sweep and shovel.

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

HANDLING AND STORAGE

Precautions To Be Taken In Handling And Storing: None Normally Required.

Other Precautions: Aqueous solutions can, if in contact with reactive metal (iron, zinc, or aluminum), form hydrogen which may form explosive mixtures.

EXPOSURE CONTROLS/PERSONAL PROTECTION

RESPIRATORY PROTECTION: Approved nuisance mask.
VENTILATION: Local exhaust sufficient to control dust.
PROTECTIVE CLOTHING: None.
GLOVES: Standard work gloves.



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EYE PROTECTION: Safety glasses.

OTHER PROTECTIVE EQUIPMENT: None.

PHYSICAL AND CHEMICAL PROPERTIES

APPEARANCE: White Powder or Granules.

PHYSICAL STATE: Solid.

ODOR: Odorless.

SOLUBILITY IN WATER >50%

pH (1% solution): 3

BOILING POINT: Not Applicable.

SPECIFIC GRAVITY: 1.665

VAPOR PRESSURE (mm Hg): Not Applicable.

VAPOR DENSITY (Air=1): Not Applicable.

PERCENT VOLATILE BY VOLUME (%): Not Applicable.

STABILITY AND REACTIVITY

STABILITY: Stable.

HAZARDOUS POLYMERIZATION: Will not occur.

CONDITIONS TO AVOID: None known.

INCOMPATIBILITIES: Usual incompatibilities of organic acids.

HAZARDOUS DECOMPOSITION PRODUCTS: None known.

TOXICOLOGICAL INFORMATION

ORAL/PARENTAL: Rat LD50 = 11,700 mg/kg.

DERMAL (ACUTE): Rabbit = 500 mg/24 hr. MOD.

EYE: 750 mg/24 hr. SEV.

INHALATION: Not Available.

CHRONIC: Long term oral overexposure may cause damage to tooth enamel.



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ECOLOGICAL INFORMATION

Ecotoxicity: The following ecotoxicity data is available for AM-124.

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 Regulated.

REGULATORY INFORMATION

Not Applicable.

OTHER INFORMATION

HEALTH	1
FLAMMABILITY	0
REACTIVITY	0

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



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SPECIAL HMIS RATINGS NOTES:

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