



# SAFETY DATA SHEET

## AM-55

Issue Date: 01 Jan 2023

Revision Date: N/A

### PRODUCT IDENTIFICATION

**Company Product Name:** AM-55

**Other/Generic Names:** CA, TFC, NF Membrane Biofoulant Cleaner, Compound Powder Cleaner.

**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

- This product can cause irritation of the gastrointestinal tract if ingested.
- If product were to come in contact with eyes it may mildly to moderately irritate.
- Product can also irritate skin and if you were to inhale it, it may cause respiratory irritation.
- Could result in mild coughing and shortness of breath.

**Hazardous Ingredients:** None

### COMPOSITION/INFORMATION ON INGREDIENT

<u>Ingredient Name</u>	<u>CAS Number</u>
(STPP) Sodium TripolyPhosphate	7758-29-4
Sodium Dodecyl Benzene Sulfonate	123-01-3
Citric Acid	77-92-9



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### FIRST AID MEASURES

#### Effects of Exposure

- SKIN:** May cause skin irritation.
- EYES:** May irritate eyes. Only mild to moderate irritation if eyes are promptly washed.
- INHALATION:** Dust may cause respiratory irritation. Symptoms may include coughing and shortness of breath.
- INGESTION:** May cause irritation of the gastrointestinal tract.

#### Emergency First Aid

- SKIN:** Remove contaminated clothing. Wash affected area with large amount of soap and water. If irritation develops seek immediate medical assistance.
- EYES:** Immediately irrigate with copious quantities of water for at least 15 minutes. Eyelids to be held open. Seek immediate medical assistance.
- INHALATION:** Remove victim from exposure - avoid becoming a casualty. Remove contaminated clothing and loosen remaining clothing. Allow patient to assume most comfortable position and keep warm. Keep at rest until fully recovered. If breathing labored ensure airways are clear and administer oxygen. If breathing has stopped apply artificial respiration at once. Seek immediate medical assistance.
- INGESTION:** If conscious, immediately rinse mouth with water & give water to drink. Do not induce vomiting. Seek immediate medical assistance. Do not give liquids to an unconscious person.

### FIRE FIGHTING MEASURES

**Flash Point/Method:** Nonflammable.

**Extinguishing Media:** Use extinguishing media appropriate for surrounding fire. Water spray, foam, carbon dioxide, dry chemical powder.

**Special Fire Fighting Procedures:** Self-contained breathing apparatus and full protective clothing when fighting fire if risk of exposure to products of combustion.

**Unusual Fire and Explosion Hazards:** Will decompose in fire evolving toxic fumes.

**Upper Explosive Limit (UEL):** Not Applicable.

**Lower Explosive Limit (LEL):** Not Applicable.



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### ACCIDENTAL RELEASE MEASURES

**Spill or Leak Procedures:** Wear proper protective equipment. Ventilate area. Respiratory protection is required in dusty environment. Sweep up spill but avoid generating dust. Vacuuming or wet sweeping may be used to avoid dust dispersal. With a clean shovel, transfer spilled material into clean-labeled containers for disposal.

**Waste Disposal:** Disposal in accordance with federal, state or local regulations.

### HANDLING AND STORAGE

**Precautions To BE Taken In Handling and Storing:** Containers should be stored in a cool, dry, well-ventilated area. Store away from foodstuffs or animal feed. Exercise caution to prevent damage to or leakage from containers.

### EXPOSURE CONTROLS/PERSONAL PROTECTION

RESPIRATORY PROTECTION:	Use NIOSH/MSHA approved respiratory protection if airborne dust is expected.
VENTILATION:	Good general mechanical ventilation should be sufficient for most conditions.
PROTECTIVE CLOTHING:	Long sleeved shirt and pants.
GLOVES:	Use chemically resistant glove.
EYE PROTECTION:	Wear chemical goggles if airborne dust is expected.
OTHER PROTECTIVE EQUIPMENT:	No special requirements.

### PHYSICAL AND CHEMICAL PROPERTIES

APPEARANCE:	White Powder.
PHYSICAL STATE:	Powder
ODOR:	No distinct odor.
SOLUBILITY IN WATER:	50g/100g (25°C)
pH (1% solution):	9.7
BOILING POINT:	No data available.
MELTING/FREEZING POINT:	600°C
SPECIFIC GRAVITY:	Not Applicable



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### STABILITY AND REACTIVITY

**STABILITY:** Stable under normal conditions of use. Hygroscopic powder.

**INCOMPATIBILITIES:** Upon heating will decompose to oxides of phosphorus, toxic fumes of sodium oxide and other irritating and toxic fumes. Incompatible with moisture and strong oxidizing agents.

### TOXICOLOGICAL INFORMATION

DERMAL(Acute): the acute dermal LD50 is 3900 mg/kg in rats.

### ECOLOGICAL INFORMATION

**Ecotoxicity:** The following ecotoxicity data is available for AM-55.

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.

Do 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

US DOT HAZARD CLASS: Not regulated.

US DOT ID NUMBER: Not applicable.

PROPER SHIPPING NAME: Not applicable.

Not Regulated. In case of an emergency see instructions for release or spill.



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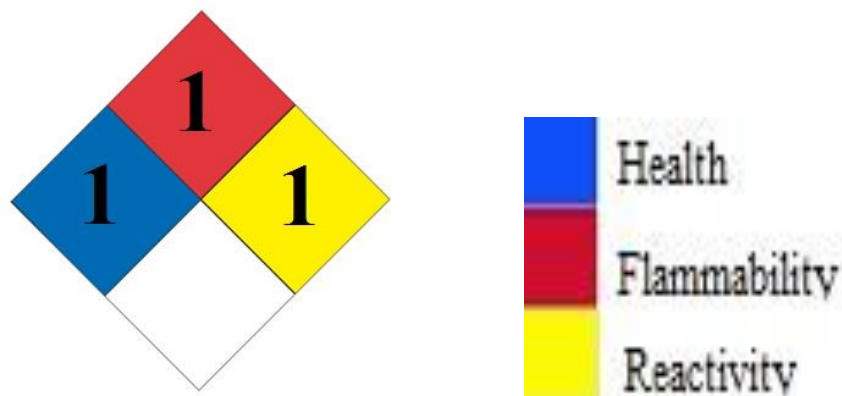
### REGULATORY INFORMATION

Not applicable.

### OTHER INFORMATION

HEALTH	1
FLAMMABILITY	1
REACTIVITY	1

Hazard rating: 0 – Minimal; 1 – Slight; 2 – Moderate; 3 – Serious; 4 – Severe



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#### SPECIAL HMIS RATINGS NOTES:

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