

MATERIAL SAFETY DATA SHEET

PAGE:	1 of 5
REVISION DATE:	02/02/2009
PRINT DATE:	04/13/2009

1. IDENTIFICATION OF THE PRODUCT AND THE COMPANY

FLOPAM AN 934 SH

Supplier :

SNF INC

PO Box 250

Riceboro, Georgia 31323

Tel : 912-884-3366 Fax : 912-884-5031

2. COMPOSITION/INFORMATION ON INGREDIENTS

Identification of the preparation : Anionic water-soluble polymer

3. HAZARDS IDENTIFICATION

Aqueous solutions or powders that become wet render surfaces extremely slippery

4. FIRST AID MEASURES

Inhalation : No hazards which require special first aid measures

Skin contact : Wash with water and soap as a precaution. In case of persistent skin irritation, consult a physician

Eye contact : Rinse thoroughly with plenty of water, also under the eyelids. In case of persistent eye irritation, consult a physician.

Ingestion : No hazards which require special first aid measures

5. FIRE-FIGHTING MEASURES

Suitable extinguishing media : Water, water spray, foam, carbon dioxide (CO₂), dry powder

Special fire-fighting precautions : Aqueous solutions or powders that become wet render surfaces extremely slippery

Protective equipment for firefighters : No special protective equipment required.

6. ACCIDENTAL RELEASE MEASURES

Personal precautions : No special precautions required.

Environmental precautions : Do not flush into surface water or sanitary sewer system

Methods for cleaning up : Do not flush with water. Clean up promptly by sweeping or vacuum. Keep in suitable and closed containers for disposal. After cleaning, flush away traces with water.

7. HANDLING AND STORAGE

Handling : Avoid contact with skin and eyes. Avoid dust formation. Do not breathe dust. Wash hands before breaks and at the end of workday.

Storage : Keep in a dry, cool place (0-35°C).

8. EXPOSURE CONTROLS / PERSONAL PROTECTION

Engineering controls : Use local exhaust if dusting occurs. Natural ventilation is adequate in absence of dusts

Personal protection equipment

- **Respiratory protection :** Dust safety masks are recommended where concentration of total dust is more than 10 mg/m³
- **Hand protection :** Rubber gloves.
- **Eye protection :** Safety glasses with side-shields. Do not wear contact lenses.
- **Skin protection :** Chemical resistant apron or protective suit if splashing or contact with solution is likely.

Hygiene measures : Wash hands before breaks and at the end of workday. Handle in accordance with good industrial hygiene and safety practice.

9. PHYSICAL AND CHEMICAL PROPERTIES

Form : granular solid

Color : white

Odor : none

pH : 4-9 @ 5 g/l

Melting point (°C) : Not applicable

Flash point (°C) : Not applicable

Autoignition temperature (°C) : Not applicable

Vapour pressure (mm Hg) : Not applicable

Bulk density : 0.80

Water solubility : Completely miscible

Viscosity (mPa s) : See Technical Bulletin

10. STABILITY AND REACTIVITY

- Stability :** Product is stable. No hazardous polymerization will occur.
- Conditions to avoid :** Oxidizing agents may cause exothermic reactions
Oxidizing agents may cause exothermic reactions
- Hazardous decomposition products :** Thermal decomposition may produce: nitrogen oxides (NOx), carbon oxides (COx)

11. TOXICOLOGICAL INFORMATION

Acute toxicity

- **Oral :** LD50/oral/rat > 5000 mg/kg
- **Dermal :** The results of testing on rabbits showed this material to be non-toxic even at high dose levels.
- **Inhalation :** The product is not expected to be toxic by inhalation.

Irritation

- **Skin :** The results of testing on rabbits showed this material to be non-irritating to the skin.
- **Eyes :** Testing conducted according to the Draize technique showed the material produces no corneal or iridial effects and only slight transitory conjunctival effects similar to those which all granular materials have on conjunctivae.

Sensitization : The results of testing on guinea pigs showed this material to be non-sensitizing.

Chronic toxicity : A two-year feeding study on rats did not reveal adverse health effects. A two-year feeding study on dogs did not reveal adverse health effects.

12. ECOLOGICAL INFORMATION

Ecotoxicity:

The product is rapidly eliminated from the aquatic medium through irreversible adsorption onto suspended matter and dissolved organics.

- **Fish** LC50/Danio rerio/96 hr > 100 mg/L (OECD 203)
- **Algae :** IC50/Scenedesmus subspicatus/72hr > 100 mg/L (OECD 201)
- **Daphnia :** EC50 /Daphnia magna/48 hr > 100 mg/L (OECD 202)

Bioaccumulation : Does not bioaccumulate.

Persistence / degradability : Not readily biodegradable.

13. DISPOSAL CONSIDERATIONS

Waste from residues / unused products : In accordance with federal, state and local regulations.

Contaminated packaging : Rinse empty containers with water and use the rinse water to prepare the working solution. Can be landfilled or incinerated, when in compliance with local regulations.

14. TRANSPORT INFORMATION

Not regulated by DOT, IATA, IMDG..

15. REGULATORY INFORMATION

All components of this product are on the TSCA and DSL inventories
WHMIS (CANADA): not regulated

RCRA status : Not a hazardous waste.

Hazardous waste number : Not applicable

Reportable quantity (40 CFR 302) : Not applicable

Threshold planning quantity (40 CFR 355) Not applicable

California Proposition 65 information : *The following statement is made in order to comply with the California Safe Drinking Water and Toxic Enforcement Act of 1986: This product contains a chemical(s) known to the State of California to cause cancer : residual Acrylamide*

HMIS & NFPA Ratings	HMIS	NFPA
Health :	1	1
Flammability :	1	1
Reactivity :	0	0
Personal Protection/Special :	B	

16. OTHER INFORMATION

Person to contact : Regulatory Affairs Manager

The information provided in this Safety Data Sheet is correct to the best of our knowledge, information and belief at the date of its publication. The information given is designed only as a guidance for safe handling, use, processing, storage, transportation, disposal and release, and is not to be considered a warranty or quality specification. The information relates only to the specific material designated and may not be valid for such material used in combination with any other materials or in any process unless specified in the text.