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MATERIAL SAFETY DATA SHEET

1. IDENTIFICATION OF THE PRODUCT AND THE COMPANY

Product name FLOCTEX 3807
Supplier SNF S.A.
 41 rue Jean Huss,
 42048 SAINT-ETIENNE, CEDEX 01, France

2. COMPOSITION / INFORMATION ON INGREDIENTS

Identification of the preparation Cationic water soluble polymer

3. HAZARDS IDENTIFICATION

Aqueous solutions or powders that become wet render surfaces extremely slippery.

4. 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 immediately with plenty of water for at least 15 minutes. Obtain medical advice if necessary.
Inhalation	Remove patient to fresh air.
Ingestion	The product is not considered toxic based on studies on laboratory animals.

5. FIRE FIGHTING MEASURES

Suitable extinguishing media	Water , Foam , CO ₂ , Dry chemical
Special fire-fighting precautions	Aqueous solutions or powders that become wet render surfaces extremely slippery.
Special protective equipment for fire fighters	No special protective equipment required.

6. ACCIDENTAL RELEASE MEASURES

Personal precaution
Methods for clean up

No special precautions required
Do not flush with water. Clean up promptly by scoop or vacuum. Keep in suitable and closed containers for disposal. After cleaning, flush away traces with water.

Environmental precautions

Do not contaminate water.

7. HANDLING AND STORAGE

Handling
Storage

Avoid contact with skin, eyes and clothing.
Keep container tightly closed, dry and at room temperature. Ensure good ventilation.

8. EXPOSURE CONTROLS AND PERSONAL PROTECTION

Engineering measures to reduce exposure

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

Respiratory protection

Dust safety masks are recommended where concentration of total dust is more than 10 mg/m³

Hand protection
Eye protection

Wear rubber gloves
Safety glasses with side shields. Do not wear contact lenses.

Skin protection

Chemical resistant apron or protective suit if splashing or direct contact with solution is likely.

Hygiene measures

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

9. PHYSICAL PROPERTIES

Appearance
Melting point (°C)
Flash point (°C)
Vapour pressure (mm Hg)
Bulk Density
Viscosity (mPa s)
Water solubility

White granular solid
Not applicable
Not applicable
Not applicable
See Technical Bulletin
See Technical Bulletin
See Technical Bulletin

10. STABILITY AND REACTIVITY

Stability

Product is stable, no hazardous polymerization will occur.

Materials to avoid

Oxidizing agents may cause exothermic reactions.

Hazardous decomposition products

Thermal decomposition may produce : nitrogen oxides (NOx), carbon oxides.

11. TOXICOLOGICAL INFORMATION

Acute toxicity - Oral

Acute toxicity - Dermal

Acute toxicity - Inhalation

Irritation - Skin

Irritation - Eyes

Sensitization

Chronic toxicity

LD50/oral/rat > 5000 mg/kg

The results of testing on rabbits showed this material to be non-toxic even at high dose levels.

The product is not expected to be toxic by inhalation.

The results of testing on rabbits showed this material to be non-irritating.

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.

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

A two-year feeding study on rats did not reveal adverse health effects. A one-year feeding study

12. ECOLOGICAL INFORMATION

Ecotoxicity

The aquatic toxicity is highly mitigated by the presence of dissolved organic carbon in the water. Results obtained using the US EPA "Dirty Water" test show that irreversible adsorption onto suspended matter and dissolved organics (such as humic and other organic acids) present in natural waters, reduces the toxicity to aquatic organisms by a factor of 10.

Environmental Fate

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

Bioaccumulation

The product is not expected to bioaccumulate.

Persistence / degradability

No data available.

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 working solution. Can be land filled or incinerated, when in compliance with local regulations.

14. TRANSPORT INFORMATION

Not regulated by Department of Transportation

15. REGULATORY INFORMATION

RCRA status

Not a hazardous waste

Hazardous waste number

Not a hazardous waste

Reportable quantity (40 CFR 302)

Not a hazardous waste

Threshold planning quantity (CFR 335)

Not a hazardous waste

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 : acrylamide.

HMIS & NFPA Ratings

	HMIS	NFPA
Health	1	1
Flammability	0	0
Reactivity	0	0

Health

1

1

Flammability

0

0

Reactivity

0

0

16. OTHER INFORMATION

The formation contained herein is based on the present state of our knowledge and does not therefore guarantee certain properties. Recipients of our product must take responsibility for observing existing law and regulations.