



Shandong Jufu Chemical Technology Co., Ltd.

Material Safety Data Sheet

Material Safety Date Sheet

MF DISPERSANT

Section 1 : Chemical Product and Company Identification

Product Name : MF Dispersant	Contact Information :
CAS # : 9084-06-4	SHANDONG JUFU CHEMICAL TECHNOLOGY CO.,LTD.
Chemical Formula : C ₂₃ H ₁₈ O ₆ S ₂ Na ₂	Bld.4-1001, No.2177, Tianchen Rd., Jinan, Shandong,
Synonym : Dispersing Agent MF	China-250101
Sodium polynaphthalene sulfonate	TEL/FAX : 86-0531-88987705
Sodium poly[(naphthaleneformaldehyde)sulfonate]	

Section 2 : Composition and Information on Ingredients

Main effective ingredient:	Sodium poly[(naphthaleneformaldehyde)sulfonate]	
Molecular Formula:	C ₂₃ H ₁₈ O ₆ S ₂ Na ₂	
Composition name:	CAS#	% BY WEIGHT
Solid Content (%) Naphthalene formaldehyde sul phonic acid sodium salt	9084-06-4	85%
Water	7732-18-5	7%
Na ₂ SO ₄ (%)	7757-82-6	8%

Section 3 : Hazards Identification

Emergency Overview light brown powder. Product dust can cause irritation to the eyes and respiratory tract. Swallowing powder may cause burns to the gastrointestinal tract. Sulfur oxides may be released during a fire.

Section 4 : First Aid Measures

Eye Contact :

Check for and remove any contact lenses. Flush with running water for at least 15 minutes. Cold water may be used. Do not use an eye ointment. Seek medical attention.

Skin Contact :

After contact with skin, wash immediately with plenty of water. Gently and thoroughly wash the contaminated skin with running water and non-abrasive soap. Be particularly careful to clean folds, crevices, creases and groin. Cold water may be used. Cover the irritated skin with an emollient. If irritation persists, seek medical attention. Wash contaminated clothing before reusing.

Inhalation :

Do not induce vomiting. Immediately give two glasses of water, a little at a time. Never give anything by mouth to an unconscious person. Call a physician. If vomiting occurs spontaneously, lower head below waist to prevent fluid from entering the lungs

Section 5 : Fire Fighting measures

Flammability of the Product : Non-flammable.

Auto-Ignition Temperature : Not available.

Flash Points : Not available.

Flammable Limits : Not available.

Products of Combustion : Oxides of carbon, sulfur and sodium.

Explosion Hazards In Presence of Various Substances :

Risks of explosion of the product in presence of mechanical impact: Not available.

Risks of explosion of the product in presence of static discharge: Not available.

Fire Fighting Media and Instructions :

SMALL FIRE : Use DRY chemical powder.

LARGE FIRE : Use water spray, fog or foam. Do not use water jet.

Special Remarks on Fire Hazards : Not available.

Special Remarks on Explosion Hazards : Not available.

Section 6: Accidental Release Measures

Small Spill : Prevent product from entering drinking water, waterways or streams. Sweep up and place in a closed container for disposal.

Large Spill : Evacuate area of nonessential personnel. Use safety glasses and gloves. Respiratory protection is required only if a dust is generated. Scoop or shovel spilled solids into containers. Avoid creating a dust. Prevent spilled product or contaminated wash water from entering drinking water supplies or streams.

Section 7: Handling and Storage

Handling Procedures and Equipment : In accordance with good industrial practice, handle with care and avoid unnecessary personal contact. Wash thoroughly after handling. Store away from sources of ignition. Employ grounding of equipment.

Storage : Keep container dry. Ground all equipment containing material. Keep container tightly closed in a cool, well-ventilated place.

Section 8: Exposure Controls/Personal Protection

Engineering Controls : Use process enclosures, local exhaust ventilation, or other engineering controls to keep airborne levels below recommended exposure limits. If user operations generate dust, fume or mist, use ventilation to keep exposure to airborne contaminants below the exposure limit.

Personal Protection : Splash goggles. Lab coat. Dust respirator. Be sure to use an approved/certified respirator or equivalent. Gloves.

Tlv/Pel : Not available.

Section 9 : Physical and Chemical Properties

Appearance : Dark brown. Solid. (Powder)

Molecular Weight : Not applicable.

pH (1% soln/water) : 7-9

Boiling/Condensation Point : Not available.

Melting/Freezing Point : Not available.

Specific Gravity : 0.7(Water = 1)

Density : Not available.

Vapor Pressure : Not applicable.

Vapor Density : Not available.

Viscosity : Not available.

Volatility : Not available.

Odor : Mothball (Slight.)

Evaporation Rate : Not available.

Viscosity : Not available.

Water/Oil Dist. Coeff. : Not available.

Solubility : Soluble in cold water

Flash Point Not available.

Section 10 : Stability and Reactivity Data

Stability : The product is stable.

Instability Temperature : Not available.

Conditions of Instability : Stable

Incompatibility with various substances : Not available.

Corrosivity : Not available.

Special Remarks on Reactivity : Not available.

Section 11 : Toxicological Information

Routes of Entry : Inhalation. Ingestion.

Toxicity to Animals : Acute oral toxicity (LD50) : 2000 mg/kg [Rat].

Special Remarks on Toxicity to Animals : Not available.

Acute Potential Health Effects :

Skin : Mechanical skin irritation is possible but unlikely. Not absorbed through skin.

Eyes : May cause irritation.

Sensitization : This material is not expected to be a skin sensitizer.

Inhalation : Inhalation of high concentrations may cause mechanical irritation and discomfort.

Ingestion : This product is an ingestion hazard. Swallowing significant amounts of product may cause caustic burns to the gastrointestinal tract.

Remarks : Not available.

Chronic Effects on Humans :

CARCINOGENIC EFFECTS: Classified NONE by NTP

MUTAGENIC EFFECTS: Not available.

DEVELOPMENTAL TOXICITY: Not available.

REPRODUCTIVE TOXICITY: Not available.

Inhalation : Prolonged or repeated inhalation may affect respiration, liver, and blood.

Ingestion : Prolonged or repeated ingestion may cause ulceration of stomach and colon, and skin lesions. It may also affect the liver (impaired liver function tests), kidneys, and blood.

Remarks : Not available.

Section 12 : Ecological Information

Ecotoxicity : Not available.

BOD5 and COD : Not available.

Products of Biodegradation :

Toxicity of the Products of Biodegradation : Not available.

Special Remarks on the Products of Biodegradation : Not available.

Section 13 : Disposal Considerations

Waste Disposal :

Waste must be disposed of in accordance with federal, state and local environmental control regulations.

Section 14 : Transport Information

The preparation is not classified as dangerous goods

Proper shipping name:none

Hazard class:none

Identification : Not applicable.

Special Provisions for Transport : Not available.

Section 15 : Regulatory information

European labeling in accordance with directives

Hazard symbols:-

Risk Phrases: this product is not classified according to the EU regulation

Safety Phrases:No specific safety phrase has been found applicable for this product

US Regulations

TSCA:All ingredients are on the TSCA inventory

Section 16: other Information

Risk phrases in section 2:-

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