

Safety Data Sheet

1. IDENTIFICATION

Product Name:	SNF-A
Other Names:	Sodium Naphthalene Sulphonate, β -Sodium Naphthalene Sulfonate formaldehyde condensate
Recommended Use:	Used in concrete for construction projects like dams, ports, roads, and buildings. Suitable for high-strength, pumpable, and self-cured concrete. Compatible with various Portland cements.
Supplier:	Global Chemie ASCC Limited
Street Address:	88/123 Moo 2 Bangpoo Industrial Estate (North), Phraek Sa Mai, Mueang Samutprakan, Samutprakan 10280
Telephone:	+66 2324 6888
Fax:	+66 2324 6898-99
Emergency phone:	+66 2324 6888 ext.320

2. HAZARDS IDENTIFICATION

Classification of the Substance or Mixture

This product is not classified as hazardous under GHS criteria

Hazardous Classification

No data available.

Hazardous Statement

No data available.

GHS Pictograms

No data available.

Hazard Statements

No data available.

Precautionary Statements

No data available.

Response Statements

If on skin

No data available.

If inhaled

No data available.

If in eye

No data available.

Storage Statements

No data available.

Disposal Statements

No data available.

Signal Word: No data available.

3. COMPOSITION: Information on Ingredients

Chemical Ingredient	CAS No.	UN No.	Proportion (%w/w)
Sodium Naphthalene sulphonate	36290-04-7	-	100

Molecular Formula: $2(C_{10}H_6SO_3Na) \cdot (n-1) CH_2 \cdot (n-2) (C_{10}H_5SO_3Na)$

Molecular weight: No data available.

4. FIRST AID MEASURES

For advice, contact Ramathibodi Poison Center (Phone: 1367) or a doctor.

Ingestion

If swallowed, drink plenty of water, induce vomiting.

Eye Contact

Immediately flush eyes with plenty of water. Then get immediate medical attention if necessary.

Skin Contact

Flush in clear water after touching.

Inhalation

If adverse effects occur, remove to uncontaminated area. Give artificial respiration if not breathing. Get immediate medical attention.

5. FIRE FIGHTING MEASURES**Flammability of the Product**

May be combustible at high temperature.

Auto-Ignition Temperature: No data available.

Found Flash Points: No data available.

Flammable Limits: No data available.

Products of Combustion: These products are carbon oxides (CO, CO₂) and water (H₂O).

Fire Hazards in Presence of Various Substances:

Non-flammable in the presence of open flames and sparks, of heat.

Explosion Hazards in Presence of Various Substances:

Risks of explosion of the product in the presence of mechanical impact: No data available.

Risks of explosion of the product in the presence of static discharge: No data available.

Fire Fighting Media and Instructions: SMALL

FIRE: Use DRY chemical powder. LARGE

FIRE: Use water spray, fog or foam

Special Remarks on Fire Hazards: No data available.

Special Remarks on Explosion Hazards: No data available.

6. ACCIDENTAL RELEASE MEASURES.**Personal precautions, protective equipment and emergency procedures**

Use personal protective equipment

Environmental precautions

Prevent the product from reaching sewers and surface and ground water.

Methods and material for containment and cleaning up

Prevent from spreading by making a barrier with absorbent material such as sand or earth. Collect in appropriate container for disposal. Rinse the area with water.

7. HANDLING AND STORAGE**Precautions for safe handling**

Keep away from heat. Keep away from sources of ignition. Empty containers pose a risk of fire, evaporate the residue under a fume hood. Ground all equipment containing material. Do not breathe dust. Avoid contact with eyes Wear suitable protective clothing. If you feel unwell, seek medical attention and show the label when possible.

Conditions for safe storage

Keep the container dry. Keep in a cool place. Ground all equipment containing material. Keep the container tightly closed. Keep in a cool, well-ventilated place. Combustible materials should be stored away from extreme heat and away from strong oxidizing agents.

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. Gloves. Be sure to use an approved/certified respirator or equivalent.

TLV/PEL:

TWA: 15mg/ m³ total dust 5mg/ m³ respirable dust (OSHA) As particles not otherwise regulated (PNOR)

9. PHYSICAL AND CHEMICAL PROPERTIES

Property	Unit of Measurement	Typical Value
Appearance	-	Light brown powder
Odour	-	No data available
pH	-	7-9
Boiling point	°C	No data available
Melting point	°C	No data available
Flash point	°C	No data available
Flammability	-	No data available
Autoignition Temperature	°C	No data available
Decomposition Temperature	°C	No data available
Lower/Upper Flammability Limits	%V	No data available
Density @ 20°C	g/cm ³	No data available
Specific Gravity @ 20°C	-	No data available
Viscosity @ 20°C	cSt	No data available

Property	Unit of Measurement	Typical Value
Vapor pressure @ 25°C	-	No data available
Vapor density	kPa (Air = 1)	No data available
Evaporation Rate	(n-Butyl acetate = 1)	No data available
Water Solubility @ 25°C	-	No data available
Solubility in other solvents Partition coefficient	(n-octanol/water)	No data available
Coefficient of Thermal Expansion	per Deg C	No data available
Particle Characteristics	-	No data available
Net Cement Paste Fluidity	mm	> 210
Surface tension	N/m	(71 ± 1) ×10 ⁻³
Water-reducing ratio	%	18-28
Cement reserved ratio	%	15-20

The values listed are indicative of this product’s physical and chemical properties. For a full product specification, please consult the Product Data Sheet.

10. STABILITY AND REACTIVITY

Stability: The product is stable.

Instability Temperature: No data available.

Conditions of Instability: No data available.

Incompatibility with various substances: Reactive with oxidizing agents.

Corrosivity: Non-corrosive in presence of glass.

Special Remarks on Reactivity: No data available.

Special Remarks on Corrosivity: No data available.

Found Polymerization: No.

11. TOXICOLOGICAL INFORMATION

Routes of Entry: Eye contact.

Toxicity to Animals:

LD50: 2000mg/kg (Rat)

LC50: No information found

Chronic Effects on Humans: No data available.

Other Toxic Effects on Humans: Slightly hazardous in case of skin contact (irritant, permeator), of ingestion, of inhalation.

Special Remarks on Toxicity to Animals: No data available.

Special Remarks on other Toxic Effects on Humans: No data available.

Special Remarks on Chronic Effects on Humans: No data available.

12. ECOLOGICAL INFORMATION

Ecotoxicity: No data available.

BOD5 and COD: The BOD5 is 24000 (5 days)

The COD is 1800000mg/l

Products of Biodegradation:

Possibly hazardous short term degradation products are not likely. However, long term degradation products may arise. These products are sulfur oxides (SO2 , SO3...), some matallic oxides.

Toxicity of the Products of Biodegradation: No data available.

Special Remarks on the Products of Biodegradation: No data available.

13. DISPOSAL CONSIDERATIONS

Disposal Methods

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

14. TRANSPORT INFORMATION

Road and Rail Transport		Marine Transport		Air Transport	
UN. Number	Not Regulated	UN. Number	Not Regulated	UN. Number	Not Regulated
Class/Item	Not Regulated	Class/Item	Not Regulated	Class/Item	Not Regulated
Hazard Symbol	Not Regulated	Hazard Symbol	Not Regulated	Hazard Symbol	Not Regulated
Proper Shipping Name	Not Regulated	Proper Shipping Name	Not Regulated	Proper Shipping Name	Not Regulated
Packing Group	Not Regulated	Packing Group	Not Regulated	Packing Group	Not Regulated
		Marine Pollutant	Not Regulated		

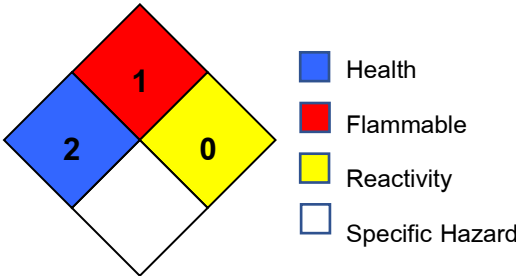
15. REGULATORY INFORMATION

Regulatory Lists: EINECS: This product is on the European Inventory of Existing Commercial Chemical Substances.

EC Classification/Labelling: Not controlled under DSCL(Europe) No specific safety phrases have been found applicable for this product.

16. OTHER INFORMATION

National Fire Protection Association (USA) :



SDS Distribution :

The information contained herein is based on our current knowledge of the underlying data and is intended to describe the product for the purpose of health, safety and environmental requirements only. No warranty of guarantee is expressed or implied regarding the accuracy of these data or the results to be obtained from the use of the product.

Prepared By :

Quality Control Department / Global Chemie ASCC Limited

Abbreviations:

No data available

References:

- Supplier Material Safety Data Sheets

The information sourced for the preparation of this document was correct and complete at the time of writing to the best of the writer's knowledge. The document represents the commitment to the company's responsibilities surrounding the supply of this product, undertaken in good faith. This document should be taken as a safety guide for the product and its recommended uses but is in no way an absolute authority. Please consult the relevant legislation and regulations governing the use and storage of this type of product. No warranty and guarantee are expressed or implied regarding the accuracy of these data or the results to be obtained from the use of the product for further information, please contact Global Chemie ASCC Limited.