

MSDS**NAPHTHALAT - W****Identity Information**

NAME: Sodium Naphthalat (SODIUM SALTS OF FORMALDEHYDE HIGH-CONDENSATE NAPHTHALENE SULFATE SUPERPLASTICIZER)

INGREDIENTS

NAME CAS#	CONCENTRATION
Sodium salt of Poly naphthalene 36290-04-7	> 92%
Sulfonic acid	

PHYSICAL DATA

CONTENT %: > 92	PH: 7.0-9.0	Na2SO4 % < 5.0
Vapour pressure		N.A.
%Volatile(by weight): 6-9%	Boiling point	N.A.
Evaporation rate		N.A.
Freezing point		N.A.
Odour threshold		N.A.
Partition coef.(n-octano/water)		N.A.

FIRE AND EXPLOSION HAZARD DATA

Extinguishing media: Incombustible	Explosion data	N.A.
Lower flammalble limit		N.A.
Flash point		N.A.
Auto-ignition temp		N.A.
Higher flammable limit		N.A.
NFPA fire code		0
Hazardous combustion products		N.A.

STABILITY AND REACTIVITY

Chemical stability: stable		N.A.
Incompatibility		
Conditions reactivity		Extremely high temperature(thermal decomposition)
Hazardous polymerization		N.A.
Hazardous decomposition		At very high temperatures, carbon oxide and sulfur oxides

FIRST AID MEASURES

Inhalation	Incase of discomfort, move to a ventilated area
Skin contact	Flush skin thoroughly with water
Eye contact	Flush eyes with water and carefully rinse under eyelids
If irritation persists, consult physician	If victim is conscious, induce vomiting. Give a large quantity of water.
Get medical attention.	

HAZARDS IDENTIFICATION

Potential Health Effects	
Eye	May cause eye irritation
Skin	May cause skin irritation
Ingestion	Low hazard for usual industrial handling
Inhalation	May cause respiratory tract irritation

TOXICOLOGICAL PROPERTIES

ROUTES OF ENTRY	N.A
inhalation	N.A

skin absorption × eye contact × ingestion × skin contact	
ACUTE TOXICITY	Inhalation May cause irritation to nose, throat and mucous membranes of respiratory tracts
Skin contact	Not irritant
Eye contact	Slightly irritant
Ingestion	The product is moderately toxic if ingested. LD50 (orath):>180mg/kg
CHRONIC TOXICITY	Prolonged or repeated skin contact can cause irritation
EXPOSURE LIMITS	ACCIH(TLV) DSHA(PEL)
TWA STEL TWA STEL	
Sodium salt of poly-naphthalene sulfonic acid	N.D. N.D. N.D. N.D.
Carcinogenicity/Mutagenicity/Teratogenicity	Dose not contain any carcinogens or potential carcinogens (IARC, NTP, OSHA)

PREVENTIVE MEASURES

PERSONAL PROTECTION: Wear a dust respirator. Where splashes of the product (liquid, solution) may occur, wear goggles and/or face shield and impervious gloves.

HANDLING METHODS: Handle the solution product in containers, piping and pumps made of stainless steel, fiberglass or plastic. Galvanized steel may be used for piping. Avoid prolonged or repeated skin contact.

STORAGE

Avoid freezing. Avoid contact with the eyes, skin and clothing. Wash thoroughly after handling. Keep out of reach of children.

SPECIAL PROTECTION INFORMATION

Adequate fresh air

ECOLOGICAL INFORMATION

No special

ACCIDENTAL RELEASE MEASURES

Spills/Leaks: Vacuum or sweep up material and place into a suitable disposal container. Avoid generating dusty conditions.

TRANSPORT INFORMATION

Contact BES Chemical company for transportation information.

REGULATORY INFORMATION

TRANSPORT INFORMATION: IDENTIFICATION NUMBER N.A.

CLASSIFICATION N.A. USA REGULATIONS: No ingredient of this product is subject to the reporting requirements of section 313 of Title III of the "Superfund Amendment and Reauthorization Act II (SARA) of 1986 and 40CFR part 372 of United States.

OTHER INFORMATION

The information and recommendations set forth herein are based on data we have in our possession and we have reason to believe is accurate. It is, however, the user's responsibility to determine the safety, toxicity, and suitability for his own use of the herein described product. Because the actual use by others is beyond our control, BES Kimya Ltd., makes no warranty expressed or implied regarding accuracy of the results to be obtained from the use thereof.

