



# NAXAF<sup>®</sup> HSP

## SAFETY DATA SHEET

OSHA HCS (29 CFR 1910.1200)

### SECTION 1: PRODUCT AND COMPANY IDENTIFICATION

#### Product identifier

Chemical Name Naphthalenesulfonate - formaldehyde condensate, sodium salt  
Trade name NAXAF<sup>®</sup> HSP  
CAS No. 9084-06-4

#### Relevant identified uses of the substance or mixture and uses advised against

Identified use(s) Dispersant  
Uses advised against None

#### Details of the supplier of the safety data sheet

Company Identification Nease Co. LLC  
10740 Paddys Run Road  
Harrison, OH 45030  
  
Telephone (513) 738-1255  
Telephone (Product Information) (888) 762-7373  
Fax (513) 587-2828  
E-Mail (competent person) techservice@neaseco.com

#### Emergency telephone number

Emergency Phone No. (513) 738-1255  
CHEMTREC 24 hr. (800) 424-9300

### SECTION 2: HAZARDS IDENTIFICATION

#### Classification of the substance or mixture

OSHA HCS (29 CFR 1910.1200) May form combustible dust concentrations in air

#### Label elements

Hazard Symbol None

Signal word(s)

#### WARNING

Hazard statement(s) May form combustible dust concentrations in air.

Precautionary statement(s)

Wash hands thoroughly after handling.  
Keep work areas free of dust accumulation. Enclosed material handling equipment (conveyors, ventilation, precipitators, etc.) must be designed and maintained so as not to be a source of ignition.  
IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. If eye irritation persists: Get medical advice/attention.  
For professional users only.

#### Other hazards

Not classified as PBT or vPvB.

#### Additional Information

None

### SECTION 3: COMPOSITION/INFORMATION ON INGREDIENTS

Composition/information on ingredients	%W/W	CAS No.	Hazard statement(s)
Naphthalenesulfonate - formaldehyde condensate, sodium salt	>86 %	9084-06-4	May form combustible dust concentrations in air

Sodium sulfate	1-10%	7757-82-6	Not classified as dangerous for supply/use.
Water	5-8%	7732-18-5	Not applicable

**Additional Information** – Contains: Formaldehyde (CAS No. 50-00-0, <0.1%)

## SECTION 4: FIRST AID MEASURES



### Description of first aid measures

Inhalation	Remove to fresh air and keep at rest in a position comfortable for breathing. If breathing is laboured, administer oxygen. If breathing has stopped, apply artificial respiration.
Skin Contact	Wash affected skin with plenty of water. Continue to wash the affected area for at least 15 minutes. If irritation (redness, rash, blistering) develops, get medical attention.
Eye Contact	Immediately flush eyes for at least 15 minutes. Hold eye open and rinse slowly and gently with water. Continue rinsing. Seek medical treatment when anyone has symptoms apparently due to contact with eyes.
Ingestion	Drink two glasses of water. Call a physician. If swallowed, and the victim is conscious and alert, induce vomiting immediately, as directed by medical personnel.

**Most important symptoms and effects, both acute and delayed** May cause slight eye irritation, slight skin irritation, and respiratory irritation

**Indication of any immediate medical attention and special treatment needed** None

## SECTION 5: FIRE-FIGHTING MEASURES

### Extinguishing media

-Suitable Extinguishing Media	Extinguish with waterspray, dry chemical, sand or carbon dioxide or foam.
-Unsuitable Extinguishing Media	None anticipated.

**Special hazards arising from the substance or mixture** May produce toxic fumes of carbon oxides, sulphur oxides, and sodium oxides if burning.

**Advice for fire-fighters** Fire fighters should wear complete protective clothing including self-contained breathing apparatus.

## SECTION 6: ACCIDENTAL RELEASE MEASURES

**Personal precautions, protective equipment and emergency procedures** Remove all ignition sources. Avoid breathing dust. Put on protective equipment before entering danger area.

**Environmental precautions** None anticipated.

**Methods and material for containment and cleaning up** Sweep spilled substances into containers. Flush the contaminated area with large amounts of water. Collect spillage and transfer to a container for disposal. If possible prevent water running into sewers.

**Reference to other sections** None  
**Additional Information** None

## SECTION 7: HANDLING AND STORAGE

### Precautions for safe handling

Keep container tightly closed. Ground/bond container and receiving equipment. Do not get in eyes.

### Conditions for safe storage, including any incompatibilities

-Storage Temperature  
-Incompatible materials

Store at room temperature.  
Keep away from oxidising agents. Keep container tightly closed and dry.

### Specific end use(s)

Dispersant

## SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION

### Control parameters

### Occupational exposure limits

SUBSTANCE.	CAS No.	LTEL (8 hr TWA ppm)		STEL (ppm)		Note:
		PEL (OSHA)	TLV (ACGIH)	PEL (OSHA)	TLV (ACGIH)	
Formaldehyde	50-00-0	0.75	-----	0.3	-----	-----

### Recommended monitoring method

OSHA Method 1007

### Exposure controls

### Appropriate engineering controls

Not normally required.

### Personal protection equipment

Eye/face protection

Wear protective eyewear (goggles, face shield, or safety glasses).



Skin protection (Hand protection/ Other)

The following to be used as necessary:Gloves (Neoprene or Natural rubber).



Respiratory protection

No personal respiratory protective equipment normally required. An approved dust mask should be worn if dust/mist is generated during handling.



Thermal hazards

Use gloves with insulation for thermal protection, when needed.

### Environmental Exposure Controls

Prevent entry into drains.

## SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

### Information on basic physical and chemical properties

Appearance

Powder

Color.

Tan

Odor

Slight Hydrocarbon

Odor Threshold (ppm)

Not available

pH (Value)

9-10.5 (10% aqueous solution)

Melting Point (°C) / Freezing Point (°C)

Not available

Boiling point/boiling range (°C):

Not available

Flash Point (°C)

Not available

Evaporation Rate

Not available

Flammability (solid, gas)

Not available

Explosive Limit Ranges	Not available
Vapour pressure (Pascal)	Not available
Vapour Density (Air=1)	Not available
Density (g/ml)	0.4-0.7 (Bulk Density)
Solubility (Water)	Soluble
Solubility (Other)	Not available
Partition Coefficient (n-Octanol/water)	Not available
Auto Ignition Point (°C)	Not available
Decomposition Temperature (°C)	Not available
Kinematic Viscosity	Not available
Explosive properties	Not explosive.
Oxidizing properties	Not oxidizing.
<b>Other information</b>	Not available

## SECTION 10: STABILITY AND REACTIVITY

<b>Reactivity</b>	Stable under normal conditions.
<b>Chemical stability</b>	Stable.
<b>Possibility of hazardous reactions</b>	None anticipated.
<b>Conditions to avoid</b>	Incompatible materials.
<b>Incompatible materials</b>	Reacts with oxidizers.
<b>Hazardous Decomposition Product(s)</b>	Carbon monoxide, Carbon dioxide, Sulphur oxides,

## SECTION 11: TOXICOLOGICAL INFORMATION

**Exposure routes:** Inhalation, Skin Contact, Eye Contact

**Substances in preparations / mixtures**

Naphthalenesulfonate - formaldehyde condensate, sodium salt (CAS No. 9084-06-4; based on similar product)

<b>Acute toxicity</b>	Oral: LD50 > 2000 mg/kg-bw (rat) Dermal: LD50 > 2000 mg/kg-bw (rat)
<b>Irritation/Corrosivity</b>	Causes slight eye irritation.
<b>Sensitization</b>	No information available
<b>Repeated dose toxicity</b>	No information available
<b>Carcinogenicity</b>	No information available

NTP	IARC	ACGIH	OSHA	NIOSH
No.	No.	No.	No.	No.

<b>Mutagenicity</b>	No information available
<b>Toxicity for reproduction</b>	No information available

## SECTION 12: ECOLOGICAL INFORMATION

Toxicity - Substances in preparations / mixtures

Naphthalenesulfonate - formaldehyde condensate, sodium salt (CAS No. 9084-06-4)

Short term	No information available
Long Term	No information available
<b>Persistence and degradability</b>	Readily biodegradable.
<b>Bioaccumulative potential</b>	The product has low potential for bioaccumulation.
<b>Mobility in soil</b>	The product is predicted to have low mobility in soil.
<b>Results of PBT and vPvB assessment</b>	Not classified as PBT or vPvB.
<b>Other adverse effects</b>	None known.

## SECTION 13: DISPOSAL CONSIDERATIONS

### Waste treatment methods

Disposal should be in accordance with local, state or national legislation. Consult an accredited waste disposal contractor or the local authority for advice.

### Additional Information

None known.

## SECTION 14: TRANSPORT INFORMATION

	Land transport (U.S. DOT)	Sea transport (IMDG)	Air transport (ICAO/IATA)
UN number			
Proper Shipping Name			
Transport hazard class(es)			
Packing group			
Hazard label(s)			
Environmental hazards			
Special precautions for user			

Not classified as dangerous for transport

Transport in bulk according to Annex II of MARPOL73/78 and the IBC Code:

## SECTION 15: REGULATORY INFORMATION

Safety, health and environmental regulations/legislation specific for the substance or mixture:

TSCA (Toxic Substance Control Act) - Inventory Status: All components listed or polymer exempt.

Canada Domestic Substance List (DSL) - Listed

Designated Hazardous Substances and Reportable Quantities (40 CFR 302.4):

Chemical Name	CAS No.	Typical %wt.	RQ (Pounds)
None	----	----	----

SARA 311/312 - Hazard Categories:

Fire     Sudden Release     Reactivity     Immediate (acute)     Chronic (delayed)

SARA 313 - Toxic Chemicals (40 CFR 372):

Chemical Name	CAS No.	Typical %wt.
None	-----	-----

SARA 302 - Extremely Hazardous Substances(40 CFR 355):

Chemical Name	CAS No.	Typical %wt.
None	-----	----

## SECTION 16: OTHER INFORMATION

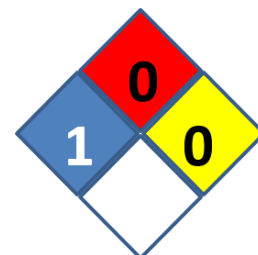
The following sections contain revisions or new statements: 2, 3, 5, 11

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Additional Information:



HMIS (Hazardous Material Information System)



NFPA (National Fire Protection Association)



## NAXAF<sup>®</sup> HSP

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