

## SAFETY DATA SHEET

OSHA HCS (29 CFR 1910.1200)

### SECTION 1: PRODUCT AND COMPANY IDENTIFICATION

#### Product identifier

Chemical Name	Sodium xylenesulfonate
Trade name	NAXONATE® 4LS
CAS No.	1300-72-7

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

Identified use(s)	Hydrotope
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
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### SECTION 2: HAZARDS IDENTIFICATION

#### Classification of the substance or mixture

OSHA HCS (29 CFR 1910.1200)	Eye Irrit. 2b
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#### Label elements

Hazard Symbol



**WARNING**

Signal word(s)

Hazard statement(s)

Causes eye irritation.

Precautionary statement(s)

Wash hands thoroughly after handling.

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.

#### Other hazards

Not classified as PBT or vPvB.

#### Additional Information

None.

## SECTION 3: COMPOSITION/INFORMATION ON INGREDIENTS

Hazardous ingredient(s)	%W/W	CAS No.	Hazard statement(s)
Sodium xylenesulfonate	>40%	1300-72-7	Causes eye irritation.
Sodium sulfate	<2%	7757-82-6	None
Water	<60%	7732-18-5	None

Additional Information - None

## 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.
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** None

**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.
-Unsuitable Extinguishing Media	None anticipated.

**Special hazards arising from the substance or mixture** None anticipated.

**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** Put on protective equipment before entering danger area.

**Environmental precautions** Do not allow to enter drains, sewers or watercourses.

**Methods and material for containment and cleaning up** Contain spillages with sand, earth or any suitable adsorbent material. Transfer to a container for disposal or recovery. Wash the spillage area with water. If possible prevent water running into sewers.

**Reference to other sections** None

**Additional Information** None

## SECTION 7: HANDLING AND STORAGE

### Precautions for safe handling

Do not get in eyes.

### Conditions for safe storage, including any incompatibilities

-Storage Temperature

Store at room temperature. Prevent from freezing. This product should be stored at a temperature greater than: 10°C (50°F). The product will precipitated at 0°C (32°F).

-Incompatible materials

Keep away from oxidising agents. Keep container tightly closed and dry.

### Specific end use(s)

Hydrotope

## 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)	
None	-----	-----	-----	-----	-----	-----

### Recommended monitoring method

None

### Exposure controls

### Appropriate engineering controls

Not normally required.

### Personal protection equipment

Eye/face protection

Wear protective eye glasses for protection against liquid splashes.



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.



Thermal hazards

Use gloves with insulation for thermal protection, when needed.

### Environmental Exposure Controls

Do not allow to enter drains, sewers or watercourses.

## SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

### Information on basic physical and chemical properties

Appearance	Liquid
Colour	Colourless to yellowish
Odour	Mild
Odour Threshold (ppm)	Not available.
pH (Value)	7-9
Melting Point (°C) / Freezing Point (°C)	10-15
Boiling point/boiling range (°C):	101
Flash Point (°C)	>121 (>250 °F) [Open cup]
Evaporation rate	<1 (butyl acetate=1).

Flammability (solid, gas)	Not applicable.
Explosive limit ranges	Not available.
Vapour Pressure (Pascal)	2266 (17 mm Hg)
Vapour Density (Air=1)	<1
Density (g/ml)	1.16 @ 25°C
Solubility (Water)	Completely Soluble
Solubility (Other)	Not available.
Partition Coefficient (n-Octanol/water)	Not available.
Auto Ignition Temperature (°C)	490
Decomposition Temperature (°C)	Not available.
Kinematic Viscosity (cSt) @ 40°C	Not available
Explosive properties	Not explosive.
Oxidising properties	Not oxidising.
<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**

sodium xylenesulphonate (CAS# 1300-72-7):

<b>Acute toxicity</b>	Oral: LD50 > 16200 mg/kg-bw Dermal: LD50 > 2000 mg/kg-bw Inhalation: LC50 > 6.41 mg/l 232 min, rat (By analogy with similar materials)
<b>Irritation/Corrosivity</b>	Causes eye irritation.
<b>Sensitization</b> (By analogy with similar materials)	It is not a skin sensitizer.
<b>Repeated dose toxicity</b> (By analogy with similar materials)	NOAEL: > 763 active ingredient/kg bw/day (in diet for 90 days, in diet, rat)
<b>Carcinogenicity</b> (By analogy with similar materials)	It is unlikely to present a carcinogenic hazard to man.

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

<b>Mutagenicity</b> (By analogy with similar materials)	There is no evidence of mutagenic potential.
<b>Toxicity for reproduction</b> (By analogy with similar materials)	None anticipated

## SECTION 12: ECOLOGICAL INFORMATION

Toxicity - Substances in preparations / mixtures

sodium xylenesulphonate (CAS 1300-72-7) - (By analogy with similar materials):



# NAXONATE® 4LS

Short term	LC50 (96 hour): > 1000 mg/L ( <i>Oncorhynchus mykiss</i> ) (By analogy with similar materials) EC50 (48 hour): >40.3 mg/l ( <i>Daphnia magna</i> , mobility) EC50 (96 hour): > 230 mg/l ( <i>Pseudokirchnerella subcapitata</i> ) (By analogy with similar materials)
Long Term	Scientifically unjustified
Persistence and degradability	Readily biodegradable
Bioaccumulative potential	Not available.
Mobility in soil	Not available.
Results of PBT and vPvB assessment	Not classified as PBT or vPvB.
Other adverse effects	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: **On active TSCA list**  
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

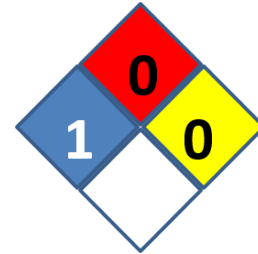
The following sections contain revisions or new statements: N/A

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Additional Information:

<b>HEALTH</b>		<b>1</b>
<b>FLAMMABILITY</b>		<b>0</b>
<b>PHYSICAL HAZARD</b>		<b>0</b>
Personal Protection	<b>B</b>	

**HMS (Hazardous Material Information System)**



**NFPA (National Fire Protection Association)**

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