



# NAXOLATE® AS-LC30-K

## SAFETY DATA SHEET

OSHA HCS (29 CFR 1910.1200)

### SECTION 1: PRODUCT AND COMPANY IDENTIFICATION

#### Product identifier

Chemical Name Sulfuric acid, mono-C10-16 alkyl esters, sodium salts  
Trade name NAXOLATE® AS-LC30-K  
CAS No. 68585-47-7

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

Identified use(s) Emulsifier  
Uses advised against None

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

Company Identification Catexel Nease 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@catexel.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) Eye Dam. 1; Skin Irrit. 2; Acute tox. (oral) 4

#### Label elements



#### DANGER

Signal word(s)

Hazard statement(s)

Causes serious eye damage.  
Causes skin irritation.  
Harmful if swallowed  
Wash thoroughly after handling.  
Do not eat, drink, or smoke when using this product.  
Wear protective gloves/protective clothing/eye protection/face protection.  
Avoid release to the environment  
IF SWALLOWED: rinse mouth. Do NOT induce vomiting. Call doctor or POISON CENTER  
IF ON SKIN (or hair): Remove/Take off immediately all contaminated clothing. Rinse skin with water/shower. If irritation (redness, rash, blistering) develops, get medical attention.  
IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Get immediate medical attention.  
Harmful to aquatic life with long lasting effects. Not classified as PBT or vPvB.

Precautionary statement(s)

#### Other hazards

## SECTION 3: COMPOSITION/INFORMATION ON INGREDIENTS

Composition/information on ingredients	%W/W	CAS No.	Hazard statement(s)
Sulfuric acid, mono-C10-C16 alkyl esters, sodium salts	25 - 35%	68585-47-7	Harmful if swallowed. Harmful if inhaled. Causes skin irritation. Causes serious eye damage. May cause respiratory irritation. Harmful to aquatic life with long lasting effects.
Water	65 – 75%	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. Remove contaminated clothing and wash clothing before reuse.
Eye Contact	Immediately flush eyes for at least 15 minutes. Hold eye open and rinse slowly and gently with water. Remove contact lenses, if present and easy to do. Continue rinsing. Get immediate medical attention.
Ingestion	If ingested, rinse mouth. Do not induce vomiting. Seek medical treatment.

**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 or foam. Do not use water jet on a leak from the tank. Water spray should be used to cool containers.
-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. Water spray should be used to cool containers.

## SECTION 6: ACCIDENTAL RELEASE MEASURES

<b>Personal precautions, protective equipment and emergency procedures</b>	Put on protective equipment before entering danger area.
<b>Environmental precautions</b>	Do not allow to enter drains, sewers or watercourses.
<b>Methods and material for containment and cleaning up</b>	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.
<b>Reference to other sections</b>	None
<b>Additional Information</b>	None

## SECTION 7: HANDLING AND STORAGE

<b>Precautions for safe handling</b>	Keep container in a well-ventilated place. Keep container closed.
<b>Conditions for safe storage, including any incompatibilities</b>	
-Storage Temperature	below 49 °C (120°F). Do not allow material to freeze.
-Incompatible materials	None known.
<b>Specific end use(s)</b>	Emulsifier

## 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	-----	2	0.3*	*sensitization

**Recommended monitoring method** None

**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). Check with protective equipment manufacturer's data.



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	Viscous Liquid
Colour	Water-White
Odour	Mild, Fatty Odour
Odour Threshold (ppm)	Not available.
pH (Value)	6.5-7.5 (10% aqueous solution)
Melting Point (°C) / Freezing Point (°C)	Not available.
Boiling point/boiling range (°C):	100 (212°F)
Flash Point (°C)	>93 (200°F)
Evaporation rate (butyl acetate=1)	<1
Flammability (solid, gas)	Not available.
Explosive limit ranges	Not available.
Vapour Pressure (Pascal)	Low.
Vapour Density (Air=1)	Not available
Density (g/ml)	1.04 (20°C)
Solubility (Water)	Soluble.
Solubility (Other)	Not available.
Partition Coefficient (n-Octanol/water)	Not available.
Auto Ignition Temperature (°C)	Not available.
Decomposition Temperature (°C)	Not available.
Kinematic Viscosity (cSt) @ 40°C	Not available.
Explosive properties	Not available
Oxidising properties	Not oxidising.

### Other information

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>	None known.
<b>Hazardous Decomposition Product(s)</b>	Carbon monoxide, Carbon dioxide, Sulphur oxides

## SECTION 11: TOXICOLOGICAL INFORMATION

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

### Substances in preparations / mixtures

Sulfuric acid, mono-C10-a6 alkyl esters, sodium salts (CAS 68585-47-7)

<b>Acute toxicity</b>	Oral: ATEmix: 300-2000 mg/kg
<b>Irritation/Corrosivity</b>	Causes serious eye damage. Causes skin irritation.
<b>Sensitization</b>	No data available
<b>Repeated dose toxicity</b>	No data available

### Carcinogenicity

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

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



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## SECTION 12: ECOLOGICAL INFORMATION

Toxicity - Substances in preparations / mixtures

Sulfuric acid, mono-C10-a6 alkyl esters, sodium salts (CAS 68585-47-7)

Short term	LC50 (96 hour): 3.6 mg/L ( <i>Fathead minnow</i> ) EC50 (48 hour): 4.7 mg/l ( <i>Daphnia magna</i> ) EC50 (21 day): 0.14 mg/l ( <i>Daphnia magna</i> ) EC50 (72 hour): >20 mg/l ( <i>Scenedesmus quadricauda</i> )
Long Term	No data

<b>Persistence and degradability</b>	Biodegradable.
<b>Bioaccumulative potential</b>	Not available.
<b>Mobility in soil</b>	No data available
<b>Results of PBT and vPvB assessment</b>	Not classified as PBT or vPvB.
<b>Other adverse effects</b>	None

## SECTION 13: DISPOSAL CONSIDERATIONS

<b>Waste treatment methods</b>	Dispose of contents in accordance with local, state or national legislation.
<b>Additional Information</b>	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		Not classified as dangerous for transport	
Hazard label(s)			
Environmental hazards			
Special precautions for user			

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: 1

Date of preparation: December 14, 2023

Additional Information:

<b>HEALTH</b>	<input type="text"/>	<b>3</b>
<b>FLAMMABILITY</b>	<input type="text"/>	<b>1</b>
<b>PHYSICAL HAZARD</b>	<input type="text"/>	<b>0</b>
Personal Protection	<b>B</b>  	

**HMIS (Hazardous Material Information System)**



**NFPA (National Fire Protection Association)**

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