

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 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)

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

Precautionary statement(s)

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.

Other hazards

Harmful to aquatic life with long lasting effects. 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)
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

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

Reactivity	Stable under normal conditions.
Chemical stability	Stable.
Possibility of hazardous reactions	None anticipated.
Conditions to avoid	Incompatible materials.
Incompatible materials	None known.
Hazardous Decomposition Product(s)	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)

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

Carcinogenicity

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

Mutagenicity	No data available
Toxicity for reproduction	No data available

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

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

SECTION 13: DISPOSAL CONSIDERATIONS

Waste treatment methods Dispose of contents in accordance with local, state or national legislation.

Additional Information None known.

SECTION 14: TRANSPORT INFORMATION

	<u>Land transport</u> <u>(U.S. DOT)</u>	<u>Sea transport</u> <u>(IMDG)</u>	<u>Air transport</u> <u>(ICAO/IATA)</u>
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: 2

Date of preparation: September 23, 2021

Additional Information:

HEALTH	3
FLAMMABILITY	1
PHYSICAL HAZARD	0
Personal Protection <div style="display: flex; align-items: center; gap: 10px;"> <div style="background-color: #008000; color: white; padding: 5px; font-weight: bold;">B</div>   </div>	

HMIS (Hazardous Material Information System)



NFPA (National Fire Protection Association)

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