

SAFETY DATA SHEET

OSHA HCS (29 CFR 1910.1200)

SECTION 1: PRODUCT AND COMPANY IDENTIFICATION

Product identifier Chemical Name Trade name CAS No.

Sodium cumenesulfonate NAXONATE 45SC 28348-53-0

Relevant identified uses of the substance or mixture and uses advised against Identified use(s) Uses advised against None

Details of the supplier of the safety data sheet **Company Identification**

Telephone **Telephone (Product Information)** Fax E-Mail (competent person)

Emergency telephone number Emergency Phone No.

Hydrotope

Catexel Nease LLC 10740 Paddys Run Road Harrison, OH 45030

(513) 738-1255 (888) 762-7373 (513) 587-2828 techservice@catexel.com

(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)

Label elements

Eye Irrit. 2b





IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. If eye

Signal word(s) Hazard statement(s)

Precautionary statement(s)

Other hazards

Additional Information

Not classified as PBT or vPvB.

Wash hands thoroughly after handling.

irritation persists: Get medical advice/attention.

Causes eye irritation.

None.

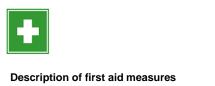


SECTION 3: COMPOSITION/INFORMATION ON INGREDIENTS

Hazardous ingredient(s)	%W/W	CAS No.	Hazard statement(s)
Sodium cumenesulfonate	>45%	28348-53-0	Causes eye irritation.
Sodium sulfate	<2%	7757-82-6	None
Water	<55%	7732-18-5	None

Additional Information - None

SECTION 4: 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	5
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Extinguishing media	
-Suitable Extinguishing Media -Unsuitable Extinguishing Media	Extinguish with waterspray, dry chemical, sand or carbon dioxide. 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 Additional Information	None None			



SECTION 7: HANDLING AND STORAGE

Precautions for safe handling	Do not get in eyes.	
Conditions for safe storage, including any incom	patibilities	
-Storage Temperature	Store at room temperature. Prevent from freezing. This product should be stored at a temperature greater than: $25^{\circ}C$ (77°F). The product will precipitated at $25^{\circ}C$ (77°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

		LTEL (8 hr TWA ppm)		STEL (ppm)		
SUBSTANCE.	CAS No.	PEL (OSHA)	TLV (ACGIH)	PEL (OSHA)	TLV (ACGIH)	Note:
None						
Recommended monitoring method None						

Appropriate engineering controls

Not normally required.

Personal protection equipment

Eye/face protection



Skin protection (Hand protection/ Other)



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

Wear protective eye glasses for protection against liquid splashes.

Respiratory protection

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

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Flammability (solid, gas) Explosive limit ranges Vapour Pressure (Pascal) Vapour Density (Air=1) Density (g/ml) Solubility (Water) Solubility (Other) Partition Coefficient (n-Octanol/water) Auto Ignition Temperature (°C) Decomposition Temperature (°C) Kinematic Viscosity (cSt) @ 40°C Explosive properties Oxidising properties

Not applicable. Not available. 2266 (17 mm Hg) <1 1.17 @ 25°C **Completely Soluble** Not available. Not available. Not available. Not available. Not available Not explosive. Not oxidising.

Not available.

Other information

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	Reacts with oxidizers.
Hazardous Decomposition Product(s)	Carbon monoxide, Carbon dioxide, Sulphur oxides,

SECTION 11: TOXICOLOGICAL INFORMATION

Exposure routes: Inhalation, Skin Contact, Eye Contact

Substances in preparations / mixtures

sodium cumenesulphonate (CAS# 28348-53-0):

Acute toxicity	Oral: LD50 > 7000 mg/kg-bw		
	Dermal: LD50 > 2000 mg/kg-bw		
	Inhalation: LC50 > 6.41 mg/l 232 min (By analogy with similar materials)		
Irritation/Corrosivity	Causes eye irritation.		
Sensitization	It is not a skin sensitizer.		
Repeated dose toxicity (By analogy with similar materials)	NOAEL: > 763 active ingredient/kg bw/day (in diet for 90 days, in diet, rat)		
Carcinogenicity (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.

None anticipated

Mutagenicity (By analogy with similar materials)

Toxicity for reproduction (By analogy with similar materials)

There is no evidence of mutagenic potential.



SECTION 12: ECOLOGICAL INFORMATION

Toxicity - Substances in preparations / mixtures

sodium cumenesulphonate (CAS# 28348-53-0) - By	analogy with similar materials:
Short term	LC50 (96 hour): > 1000 mg/L (<i>Oncorhynchus mykiss</i>)
	EC50 (48 hour): 54 mg/l (<i>Daphnia magna,</i> mobility)
	EC50 (96 hour): > 230 mg/l (<i>Pseudokirchnerella subcapitata</i>)
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		

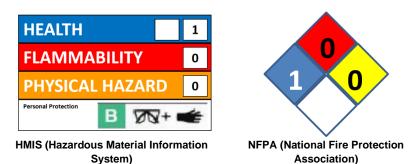


SECTION 16: OTHER INFORMATION

The following sections contain revisions or new statements: 1

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Additional Information:



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