

SAFETY DATA SHEET

OSHA HCS (29 CFR 1910.1200)

SECTION 1: PRODUCT AND COMPANY IDENTIFICATION

Product identifier

Chemical Name	Mixture
Trade name	NAXAN® DIL
CAS No.	Mixture

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

Identified use(s)	Surfactant
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 and exposed skin after use.

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

Harmful to aquatic life with long lasting effects.

Additional Information

None

SECTION 3: COMPOSITION/INFORMATION ON INGREDIENTS

Composition/information on ingredients	%W/W	CAS No.	Hazard statement(s)
Sodium diisopropylnaphthalenesulfonate	35-45%	1322-93-6	Causes eye irritation. Harmful if swallowed.
Diisopropylnaphthalene	<2%	38640-62-9	May be fatal if swallowed and enters airways. Toxic to aquatic life. Very toxic to aquatic life with long lasting effects.
Water	55-65%	7732-18-5	Not applicable

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. If skin irritation occurs: Get medical advice/attention.
Eye Contact	Immediately flush eyes for at least 15 minutes. Hold eye open and rinse slowly and gently with water. Continue rinsing. If irritation develops and persists, get medical attention.
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 or foam.
-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 Cover spills with inert absorbent material. Sweep spilled substances into containers. Transfer to a container for disposal.

Reference to other sections Additional Information
None
None

SECTION 7: HANDLING AND STORAGE

Precautions for safe handling Do not get in eyes. Wash hands and exposed skin after use.

Conditions for safe storage, including any incompatibilities

- Storage Temperature Prevent from freezing. Ideal storage temperature is greater than: 4.4°C (40°F) and 49°C (120°F).
- Incompatible materials Keep away from oxidising agents. Keep container tightly closed and dry.

Specific end use(s) Surfactant

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 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. Avoid generation of mist. 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 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	Light Yellow / Amber
Odour	Hydrocarbon
Odour Threshold (ppm)	Not available.
pH (Value)	7.5 – 10.0 (5% aqueous)

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 applicable.
Explosive limit ranges	Not available.
Vapour Pressure (Pascal)	133.3 (1 mmHg)
Vapour Density (Air=1)	Not available.
Density (g/ml)	1.08-1.10
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	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 diisopropyl-naphthalenesulfonate (CAS No.1322-93-6) - By analogy with similar materials:

Acute toxicity	Oral: LD50 = 1350 mg/kg-bw Dermal: LD50 = 4200 mg/kg-bw
Irritation/Corrosivity	Causes eye irritation.
Sensitization	No information available
Repeated dose toxicity	No information available
Carcinogenicity	No information available

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

Mutagenicity	No information available
Toxicity for reproduction	No information available

SECTION 12: ECOLOGICAL INFORMATION

Toxicity - Substances in preparations / mixture

Sodium diisopropyl-naphthalenesulfonate (CAS No.1322-93-6)

Short term	No information available
Long Term	No information available



NAXAN® DIL

Diisopropylnaphthalene (CAS No. 38640-62-9)

Short term

LC50 (48 hour) - 1.7 mg/L (*Daphnia magna*)

Long Term

LOEC (21 days) - 0.025 mg/L (*Daphnia magna*)

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		Not classified as dangerous for transport.	
Transport hazard class(es)			
Packing group			
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: All components listed or polymer exempt.

Canada Domestic Substance List (NDSL/DSL) - Listed DSL

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: 1-16.

Date of preparation: September 1, 2014

Additional Information:

HEALTH		1
FLAMMABILITY		0
PHYSICAL HAZARD		0
Personal Protection	B	

HMIS (Hazardous Material Information System)



NFPA (National Fire Protection Association)

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