SECTION 1: PRODUCT AND COMPANY IDENTIFICATION

Product identifier
Chemical Name
Mixture
Trade name
NAXSOFT® 60T
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)
technservice@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

Label elements
Hazard Symbol

Signal word(s)
DANGER

Hazard statement(s)
Causes serious eye damage.
Causes skin irritation.

Precautionary statement(s)
Wear protective gloves/protective clothing/eye protection/face protection.
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. Get medical advice/attention.
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.

Other hazards
Toxic to aquatic life. Not classified as PBT or vPvB.

Additional Information
None
SECTION 3: COMPOSITION/INFORMATION ON INGREDIENTS

<table>
<thead>
<tr>
<th>Composition/information on ingredients</th>
<th>%W/W</th>
<th>CAS No.</th>
<th>Hazard statement(s)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Benzenesulfonic acid, C10-16-alkyl derivs., compds. with triethanolamine</td>
<td>55 - 60%</td>
<td>68584-25-8</td>
<td>Causes serious eye damage. Causes skin irritation. Toxic to aquatic life.</td>
</tr>
<tr>
<td>Triethanolamine sulfate</td>
<td>&lt; 5%</td>
<td>7376-31-0</td>
<td>Not classified as dangerous for supply/use.</td>
</tr>
<tr>
<td>Water</td>
<td>40 - 45%</td>
<td>7732-18-5</td>
<td>Not applicable</td>
</tr>
</tbody>
</table>

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 irritation (redness, rash, blistering) develops, get medical attention.

Eye Contact
Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Get medical attention immediately.

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
Prevent entry into drains.

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
None

Additional Information
None
SECTION 7: HANDLING AND STORAGE

Precautions for safe handling
Do not get in eyes. Wash hands and exposed skin after use. Empty containers may contain residues.

Conditions for safe storage, including any incompatibilities
- Storage Temperature
  Keep container tightly closed and dry. This product should be stored at a temperature greater than: 0°C (32°F). Do not allow material to freeze.
- Incompatible materials
  Keep away from oxidising agents.
Specific end use(s)
Surfactant

SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION

Control parameters

Occupational exposure limits

<table>
<thead>
<tr>
<th>SUBSTANCE</th>
<th>CAS No.</th>
<th>LTE (8 hr TWA ppm)</th>
<th>STEL (ppm)</th>
</tr>
</thead>
<tbody>
<tr>
<td>None</td>
<td>-----</td>
<td>-----</td>
<td>-----</td>
</tr>
<tr>
<td></td>
<td>PEL (OSHA)</td>
<td>TLV (ACGIH)</td>
<td>PEL (OSHA)</td>
</tr>
</tbody>
</table>

Recommended monitoring method
None

Exposure 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
None.

SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

Information on basic physical and chemical properties

Appearance
Liquid

Colour
Clear/Yellow.

Odour
Faint.Oily

Odour Threshold (ppm)
Not available.

pH (Value)
5 - 8

Melting Point (°C) / Freezing Point (°C)
Not available.

Boiling point/boiling range (°C)
Not available.
Flash Point (°C) >121 (250 °F)
Evaporation rate (butyl acetate=1) <1
Flammability (solid, gas) Not applicable.
Explosive limit ranges Not available.
Vapour Pressure (Pascal) Not available.
Vapour Density (Air=1) Not available.
Density (g/ml) 1.78 (9.0 lbs/gallon) @ 25 °F
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
Benzenesulfonic acid, C10-16-alkyl derivs., compds. with triethanolamine (CAS No. 68584-25-8) - By analogy with similar materials:
Acute toxicity Oral: LD50 = 2925 mg/kg (rat)
Dermal: LD50 > 2000 mg/kg (rabbit)
Irritation/Corrosivity Causes serious eye damage. Causes skin irritation.
Sensitization None.
Repeated dose toxicity NOAEL = 40 mg/kg bw/day (rat, in the diet daily for 6 months)
LOAEL = 115 mg/kg bw/day (rat, in the diet daily for 6 months)
Carcinogenicity No data.

<table>
<thead>
<tr>
<th>NTP</th>
<th>IARC</th>
<th>ACGIH</th>
<th>OSHA</th>
<th>NIOSH</th>
</tr>
</thead>
</table>

Mutagenicity There is no evidence of mutagenic potential.
Toxicity for reproduction NOAEL for parental and offspring generations = 350 mg/kg

SECTION 12: ECOLOGICAL INFORMATION
Toxicity - Substances in preparations / mixture
Benzenesulfonic acid, C10-16-alkyl derivs., compds. with triethanolamine (CAS No. 68584-25-8) - By analogy with similar materials:

Short term
LC50 (96 hour) = 5.7 mg/l (Brachydanio rerio)
EC50 (96 hour) = 3.5 mg/l (Daphnia magna)
ErC50 (72 hour) = 52.8 mg/l (Algae)
EC10 (18 hour) = 55 mg/l (Pseudomonas putida)

Long Term
NOEC (196 day) = 0.63 mg/l (Pimephales promelas)
LOEC (21 days) = 2.8 mg/l (Daphnia magna)
Persistence and degradability
Readily biodegradable.

Bioaccumulative potential
The substance has a low potential for bioaccumulation.

Mobility in soil
The product is predicted to have high mobility in soil.

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

<table>
<thead>
<tr>
<th>Land transport</th>
<th>Sea transport</th>
<th>Air transport</th>
</tr>
</thead>
<tbody>
<tr>
<td>(U.S. DOT)*</td>
<td>(IMDG)</td>
<td>(ICAO/IATA)</td>
</tr>
</tbody>
</table>

UN number
Not classified as dangerous for transport.

Proper Shipping Name
Not classified as dangerous for transport.

Transport hazard class(es)
Not classified as dangerous for transport.

Packing group
Not classified as dangerous for transport.

Hazard label(s)
Not classified as dangerous for transport.

Environmental hazards
Not classified as dangerous for transport.

Special precautions for user
Transport in bulk according to Annex II of MARPOL73/78 and the IBC Code: Not applicable

*Contains a substance with an Reportable Quantity. Containers over 5,500 pounds (2495 kg) will be regulated for transport as UN3082, Environmentally Hazardous Substance, Class 9, Packing Group III, Marine Pollutant placard.

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):

<table>
<thead>
<tr>
<th>Chemical Name</th>
<th>CAS No.</th>
<th>Typical %wt.</th>
<th>RQ (Pounds)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Dodecylbenzenesulfonic acid, triethanolamine salt</td>
<td>27323-41-7</td>
<td>&lt; 18</td>
<td>1000</td>
</tr>
</tbody>
</table>

SARA 311/312 - Hazard Categories:

- Fire
- Sudden Release
- Reactivity
- Immediate (acute)
- Chronic (delayed)

SARA 313 - Toxic Chemicals (40 CFR 372):

<table>
<thead>
<tr>
<th>Chemical Name</th>
<th>CAS No.</th>
<th>Typical %wt.</th>
</tr>
</thead>
<tbody>
<tr>
<td>None</td>
<td>-------</td>
<td>-----</td>
</tr>
</tbody>
</table>

SARA 302 - Extremely Hazardous Substances (40 CFR 355):

<table>
<thead>
<tr>
<th>Chemical Name</th>
<th>CAS No.</th>
<th>Typical %wt.</th>
</tr>
</thead>
<tbody>
<tr>
<td>None</td>
<td>-------</td>
<td>-----</td>
</tr>
</tbody>
</table>
SECTION 16: OTHER INFORMATION

The following sections contain revisions or new statements: 1-16.

Date of preparation: December 26, 2014

Additional Information:

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