**SECTION 1: PRODUCT AND COMPANY IDENTIFICATION**

**Product identifier**
- **Chemical Name**: 2-Ethylhexanol, ethoxylate, phosphate, dipotassium salt
- **Trade name**: NAXONAC® 265
- **CAS No.**: 67786-06-5

**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

**SECTION 2: HAZARDS IDENTIFICATION**

**Classification of the substance or mixture**
- **OSHA HCS (29 CFR 1910.1200)**: Eye Irrit. 2b

**Label elements**
- **Hazard Symbol**: 

  ![Hazard Symbol](image)

**Signal word(s)**: WARNING

**Hazard statement(s)**: Causes eye irritation.

**Precautionary statement(s)**
- Wear protective gloves/eye protection.
- Wash hands thoroughly after handling.
- 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**: Not classified as PBT or vPvB.

**Additional Information**: Warning - this preparation contains a substance not yet tested completely.

**SECTION 3: COMPOSITION/INFORMATION ON INGREDIENTS**

<table>
<thead>
<tr>
<th>Hazardous ingredient(s)</th>
<th>%W/W</th>
<th>CAS No.</th>
<th>Hazard statement(s)</th>
</tr>
</thead>
<tbody>
<tr>
<td>2-Ethylhexanol, ethoxylate, phosphate, dipotassium salt</td>
<td>75-90%</td>
<td>67786-06-5</td>
<td>Causes eye irritation.</td>
</tr>
<tr>
<td>Water</td>
<td>10-20%</td>
<td>7732-18-5</td>
<td>Not applicable</td>
</tr>
</tbody>
</table>

**Additional Information** - Substances in the product which may present a health or environmental hazard, or which have been
assigned occupational exposure limits, are detailed below.

- Ethylene Oxide (CAS No. 75-21-8) - May accumulate in the head space of drums.

**SECTION 4: FIRST AID MEASURES**

<table>
<thead>
<tr>
<th>Description of first aid measures</th>
<th>Inhalation</th>
<th>Skin Contact</th>
<th>Eye Contact</th>
<th>Ingestion</th>
</tr>
</thead>
<tbody>
<tr>
<td>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.</td>
<td>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. Take off contaminated clothing and wash before reuse.</td>
<td>Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Get medical advice/attention.</td>
<td>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.</td>
<td></td>
</tr>
<tr>
<td>Most important symptoms and effects, both acute and delayed</td>
<td>None</td>
<td>None</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Indication of any immediate medical attention and special treatment needed</td>
<td>None</td>
<td>None</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

**SECTION 5: FIRE-FIGHTING MEASURES**

<table>
<thead>
<tr>
<th>Extinguishing media</th>
<th>Extinguish with waterspray, dry chemical, sand or carbon dioxide or foam.</th>
</tr>
</thead>
<tbody>
<tr>
<td>- Suitable Extinguishing Media</td>
<td></td>
</tr>
<tr>
<td>- Unsuitable Extinguishing Media</td>
<td>None anticipated.</td>
</tr>
<tr>
<td>Special hazards arising from the substance or mixture</td>
<td>None anticipated</td>
</tr>
<tr>
<td>Advice for fire-fighters</td>
<td>Fire fighters should wear complete protective clothing including self-contained breathing apparatus. Keep containers cool by spraying with water if exposed to fire.</td>
</tr>
</tbody>
</table>

**SECTION 6: ACCIDENTAL RELEASE MEASURES**

<table>
<thead>
<tr>
<th>Personal precautions, protective equipment and emergency procedures</th>
<th>Put on protective equipment before entering danger area.</th>
</tr>
</thead>
<tbody>
<tr>
<td>Environmental precautions</td>
<td>None anticipated.</td>
</tr>
<tr>
<td>Methods and material for containment and cleaning up</td>
<td>Contain spillages with sand, earth or any suitable adsorbent material. Transfer to a container for disposal or recovery. Wash the spillage area with water. Prevent entry into drains.</td>
</tr>
<tr>
<td>Reference to other sections</td>
<td>None</td>
</tr>
<tr>
<td>Additional Information</td>
<td>None</td>
</tr>
</tbody>
</table>

**SECTION 7: HANDLING AND STORAGE**

| Precautions for safe handling | Keep container tightly closed and in a well-ventilated place. Do not allow material to freeze. This product should be stored at a temperature greater than: 20 °C (68 °F). This product may contain trace levels of Ethylene oxide (CAS No. 75-21-8), which may accumulate in the head space of containers. Establish monitoring systems for exposure assessment to comply with OSHA standard 29 CFR 1910.1047. |

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Conditions for safe storage, including any incompatibilities
- Storage Temperature: None assigned
- Incompatible materials: Oxidizers

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>LTEL (8 hr TWA ppm)</th>
<th>STEL (ppm)</th>
<th>Note:</th>
</tr>
</thead>
<tbody>
<tr>
<td>Ethylene Oxide*</td>
<td>75-21-8</td>
<td>1 ppm</td>
<td>1 ppm</td>
<td>5 ppm</td>
</tr>
</tbody>
</table>

* May accumulate in the headspace of drums. OSHA Action Level = 0.5 ppm as an 8-hour time-weighted average. Refer to OSHA 29 CFR 1910.1047.

Recommended monitoring method: NIOSH 1614

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.

Thermal hazards: Use gloves with insulation for thermal protection, when needed.

Environmental Exposure Controls: Avoid release to the environment.

SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

Information on basic physical and chemical properties

- Appearance: Liquid
- Colour: Clear/hazy
- Odour: Mild
- Odour Threshold (ppm): Not available
- pH (Value): 7 - 9
- Melting Point / 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): 2266.48 (17 mmHg) (water)
Vapour Density (Air=1) Not available.
Density (g/ml) 1.16 @ 25 °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 explosive.
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: Skin Contact, Eye Contact
Substances in preparations / mixtures
2-Ethylhexanol, ethoxylate, phosphate, dipotassium salt (CAS No. 67786-06-5) (By analogy with similar materials)
Acute toxicity No information available.
Irritation/Corrosivity Causes eye irritation.
Sensitization No information available.
Repeated dose toxicity No information available.
Carcinogenicity No information available.

<table>
<thead>
<tr>
<th>NTP No.</th>
<th>IARC No.</th>
<th>ACGIH</th>
<th>OSHA No.</th>
<th>NIOSH No.</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

Mutagenicity No information available.
Toxicity for reproduction No information available.

This product may contain trace levels of Ethylene oxide (CAS No. 75-21-8), which may accumulate in the head space of containers. Establish monitoring systems for exposure assessment to comply with OSHA standard 29 CFR 1910.1047. Ethylene oxide is a known human carcinogen by NTP and a suspected human carcinogen by ACGIH®.

SECTION 12: ECOLOGICAL INFORMATION
Toxicity - Substances in preparations / mixtures
2-Ethylhexanol, ethoxylate, phosphate, dipotassium salt (CAS No. 67786-06-5) By analogy with similar materials: This product is not harmful to aquatic organisms.

<table>
<thead>
<tr>
<th></th>
<th>Short term</th>
<th>Long Term</th>
</tr>
</thead>
<tbody>
<tr>
<td>Persistence and degradability</td>
<td>No information available.</td>
<td>No information available.</td>
</tr>
<tr>
<td>Bioaccumulative potential</td>
<td>No information available.</td>
<td>No information available.</td>
</tr>
<tr>
<td>Mobility in soil</td>
<td>No information available.</td>
<td>No information available.</td>
</tr>
<tr>
<td>Results of PBT and vPvB assessment</td>
<td>Not classified as PBT or vPvB.</td>
<td></td>
</tr>
<tr>
<td>Other adverse effects</td>
<td>None known.</td>
<td></td>
</tr>
</tbody>
</table>

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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>UN number</th>
<th>Proper Shipping Name</th>
<th>Transport hazard class(es)</th>
<th>Packing group</th>
<th>Hazard label(s)</th>
<th>Environmental hazards</th>
<th>Special precautions for user</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

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: All components listed or polymer exempt.

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

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>None</td>
<td>-----</td>
<td>----</td>
<td>----</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: October 10, 2014

Additional Information:
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