
SECTION 1. PRODUCT AND COMPANY IDENTIFICATION

Product identifier

| Trade name | Eagle One™ HANDS OFF High pH Touchless Pre-Soak |

Recommended use of the chemical and restrictions on use

Details of the supplier of the safety data sheet

<table>
<thead>
<tr>
<th>Details of the supplier of the safety data sheet</th>
<th>Emergency telephone number</th>
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</thead>
<tbody>
<tr>
<td>Ashland</td>
<td>1-800-ASHLAND (1-800-274-5263)</td>
</tr>
<tr>
<td>P.O. Box 2219</td>
<td></td>
</tr>
<tr>
<td>Columbus, OH 43216</td>
<td></td>
</tr>
<tr>
<td>United States of America</td>
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<tr>
<td>EHS Customer <a href="mailto:Requests@ashland.com">Requests@ashland.com</a></td>
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Emergency telephone number

<table>
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<th>Regulatory Information Number</th>
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<tr>
<td>1-800-ASHLAND (1-800-274-5263)</td>
<td>1-800-325-3751</td>
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Product Information

| Product Information | 614-790-3333 |

SECTION 2. HAZARDS IDENTIFICATION

GHS Classification

| Skin corrosion | Category 1 |
| Serious eye damage | Category 1 |
| Specific target organ systemic toxicity - repeated exposure (Inhalation) | Category 2 (Respiratory Tract) |

GHS Label element

Hazard pictograms

Signal Word

| Signal Word | Danger |

Hazard Statements

| Hazard Statements | Causes severe skin burns and eye damage. |
| Causes serious eye damage. |
| May cause damage to organs (Respiratory Tract) through prolonged or repeated exposure if inhaled. |

Precautionary Statements

| Precautionary Statements | Prevention: |
| Do not breathe dust/ fume/ gas/ mist/ vapors/ spray. |
Wash skin thoroughly after handling. Wear protective gloves/ protective clothing/ eye protection/ face protection.  

**Response:**
- IF SWALLOWED: Rinse mouth. Do NOT induce vomiting.
- IF ON SKIN (or hair): Take off immediately all contaminated clothing. Rinse skin with water/shower.
- IF INHALED: Remove person to fresh air and keep comfortable for breathing. Immediately call a POISON CENTER or doctor/physician.
- IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Immediately call a POISON CENTER or doctor/physician.
- Get medical advice/ attention if you feel unwell. Wash contaminated clothing before reuse.

**Storage:**
Store locked up.

**Disposal:**
Dispose of contents/ container to an approved waste disposal plant.

**Other hazards**
None known.

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### SECTION 3. COMPOSITION/INFORMATION ON INGREDIENTS

**Substance / Mixture :** Mixture  
**Chemical nature :** Defatter

**Hazardous components**

<table>
<thead>
<tr>
<th>Chemical Name</th>
<th>CAS-No.</th>
<th>Classification</th>
<th>Concentration (%)</th>
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<tbody>
<tr>
<td>ALCOHOL ETHOXYLATE</td>
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<td>Skin Irrit. 2; H315</td>
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<td>Aquatic Acute 2; H401</td>
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<tr>
<td>SODIUM SULFONATE C14-C16 ALKANE HYDROXY &amp; C14-16-ALKENE, SODIUM SALTS</td>
<td>68439-57-6</td>
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<td></td>
<td>Eye Dam. 1; H318</td>
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SECTION 4. FIRST AID MEASURES

General advice : Move out of dangerous area.  
Consult a physician.  
Show this safety data sheet to the doctor in attendance.  
Do not leave the victim unattended.

If inhaled : Move to fresh air.  
If breathed in, move person into fresh air.  
Keep patient warm and at rest.  
If unconscious place in recovery position and seek medical advice.  
If symptoms persist, call a physician.

In case of skin contact : If on skin, rinse well with water.  
Wash contaminated clothing before re-use.

In case of eye contact : In the case of contact with eyes, rinse immediately with plenty of water and seek medical advice.  
Continue rinsing eyes during transport to hospital.  
Remove contact lenses.  
Protect unharmed eye.

If swallowed : Get medical attention immediately.
Do NOT induce vomiting.
Rinse mouth with water.
Do not give milk or alcoholic beverages.
Never give anything by mouth to an unconscious person.
If symptoms persist, call a physician.

**Most important symptoms and effects, both acute and delayed**

Signs and symptoms of exposure to this material through breathing, swallowing, and/or passage of the material through the skin may include:
- stomach or intestinal upset (nausea, vomiting, diarrhea)
- irritation (nose, throat, airways)
- Cough
- lung edema (fluid buildup in the lung tissue)
- Difficulty in breathing
- Causes serious eye damage.
- May cause damage to organs through prolonged or repeated exposure if inhaled.
- Causes severe burns.

**Notes to physician**

No hazards which require special first aid measures.

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### SECTION 5. FIREFIGHTING MEASURES

**Suitable extinguishing media**

Use extinguishing measures that are appropriate to local circumstances and the surrounding environment.

- Water spray
- Foam
- Carbon dioxide (CO2)
- Dry chemical

**Unsuitable extinguishing media**

- High volume water jet

**Specific hazards during firefighting**

- Do not allow run-off from fire fighting to enter drains or water courses.

**Hazardous combustion products**

- carbon dioxide and carbon monoxide
- Hydrocarbons
- hydrogen sulfide
- sulfur oxides
- Oxides of phosphorus
- potassium oxide
- Ammonia
- toxic fumes
- Nitrogen oxides (NOx)

**Specific extinguishing methods**

- Product is compatible with standard fire-fighting agents.
Further information : Fire residues and contaminated fire extinguishing water must be disposed of in accordance with local regulations.

Special protective equipment for firefighters : In the event of fire, wear self-contained breathing apparatus.

SECTION 6. ACCIDENTAL RELEASE MEASURES

Personal precautions, protective equipment and emergency procedures : Use personal protective equipment. Persons not wearing protective equipment should be excluded from area of spill until clean-up has been completed.

Environmental precautions : Prevent product from entering drains. Prevent further leakage or spillage if safe to do so. If the product contaminates rivers and lakes or drains inform respective authorities.

Methods and materials for containment and cleaning up : Keep in suitable, closed containers for disposal.

Other information : Comply with all applicable federal, state, and local regulations.

SECTION 7. HANDLING AND STORAGE

Advice on safe handling : Do not breathe vapours/dust. Do not smoke. When diluting, always add the product to water. Never add water to the product. Container hazardous when empty. Avoid exposure - obtain special instructions before use. Avoid contact with skin and eyes. Smoking, eating and drinking should be prohibited in the application area. For personal protection see section 8. Dispose of rinse water in accordance with local and national regulations.

Conditions for safe storage : Keep container tightly closed in a dry and well-ventilated place. Containers which are opened must be carefully resealed and kept upright to prevent leakage. Observe label precautions. Electrical installations / working materials must comply with the technological safety standards.
SECTION 8. EXPOSURE CONTROLS/PERSONAL PROTECTION

Components with workplace control parameters

Engineering measures  : Provide sufficient mechanical (general and/or local exhaust) ventilation to maintain exposure below exposure guidelines (if applicable) or below levels that cause known, suspected or apparent adverse effects.

Personal protective equipment

Respiratory protection  : In the case of vapour formation use a respirator with an approved filter.

A NIOSH-approved air-purifying respirator with an appropriate cartridge and/or filter may be permissible under certain circumstances where airborne concentrations are expected to exceed exposure limits (if applicable) or if overexposure has otherwise been determined. Protection provided by air-purifying respirators is limited. Use a positive pressure, air-supplied respirator if there is any potential for uncontrolled release, exposure levels are not known or any other circumstances where an air-purifying respirator may not provide adequate protection.

Hand protection

Remarks  : The suitability for a specific workplace should be discussed with the producers of the protective gloves.

Eye protection  : Wear chemical splash goggles and face shield when there is potential for exposure of the eyes or face to liquid, vapor or mist.

Maintain eye wash station in immediate work area.

Skin and body protection  : Wear as appropriate:

impervious clothing
Chemical resistant apron
Safety shoes

Choose body protection according to the amount and concentration of the dangerous substance at the work place.

Discard gloves that show tears, pinholes, or signs of wear.

Wear resistant gloves (consult your safety equipment supplier).

Hygiene measures  : Wash hands before breaks and at the end of workday.

When using do not eat or drink.

Ensure that eyewash stations and safety showers are close to the workstation location.

When using do not smoke.

SECTION 9. PHYSICAL AND CHEMICAL PROPERTIES
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SECTION 10. STABILITY AND REACTIVITY

Reactivity : No decomposition if stored and applied as directed.

Chemical stability : Stable under recommended storage conditions.

Possibility of hazardous reactions : Product will not undergo hazardous polymerization.

Conditions to avoid : excessive heat

Incompatible materials : aluminum, Copper, Copper alloys, Fluorine, maleic anhydride, Nickel, Oxidizing agents, peracetic acid, reactive metals such as aluminum and magnesium, steel, Strong acids, Strong bases, strong bleaching agents, strong reducing agents, Zinc

This product should not be used in conjunction with trimethylol propane or trimethylol propane-derived products. There is a possibility that bicyclic phosphates or phosphites can be produced as a result of the thermal decomposition of this product in combination with trimethylol propane, trimethylol propane-derived products or their corresponding trimethylol propane alkane homologs. Bicyclic phosphates and phosphites are a class of materials with acute neurotoxic properties which produce characteristic convulsive seizures in test animals.

Hazardous decomposition products : carbon dioxide and carbon monoxide, hydrogen sulfide, Nitrogen oxides (NOx), Oxides of phosphorus, potassium oxide, Sulphur oxides, toxic fumes, Ammonia

SECTION 11. TOXICOLOGICAL INFORMATION
Information on likely routes of exposure:
- Inhalation
- Skin contact
- Eye Contact
- Ingestion

**Acute toxicity**
Not classified based on available information.

**Components:**

**ALCOHOL ETHOXYLATE:**
- **Acute oral toxicity**: LD50 (Rat): > 2,000 mg/kg
- **Remarks**: Based on a similar product formulation.

**Acute dermal toxicity**: LD 50 (Rat): 3,300 mg/kg

**SODIUM SULFONATE C14-C16 ALKANE HYDROXY & C14-16-ALKENE, SODIUM SALTS:**
- **Acute oral toxicity**: LD 50 (Rat): 2,079 mg/kg
- **Acute inhalation toxicity**: LC50 (Rat): > 52 mg/l
  - Exposure time: 4 h
  - Test atmosphere: dust/mist

**Acute dermal toxicity**: LD 50 (Rabbit): > 6,000 mg/kg

**TETRAPOTASSIUM PYROPHOSPHATE:**
- **Acute oral toxicity**: LD50 (Rat): 2,000 - 5,000 mg/kg
- **Acute inhalation toxicity**: LC50 (Rat): > 1.10 mg/l
  - Exposure time: 4 h
  - Test atmosphere: dust/mist
  - Assessment: Not classified as acutely toxic by inhalation under GHS.

**Acute dermal toxicity**: LD 50 (Rabbit): > 2,000 mg/kg
  - Assessment: Not classified as acutely toxic by dermal absorption under GHS.
  - Remarks: No mortality observed at this dose.

**ETHYLENEDIAMINETETRAACETIC ACID, TETRASODIUM SALT:**
- **Acute oral toxicity**: LD 50 (Rat, Female): 1,780 mg/kg
- **Acute inhalation toxicity**: LC50 (Rat): > 1 - 5 mg/l
  - Exposure time: 4 h
  - Test atmosphere: dust/mist
  - Remarks: Information given is based on data obtained from similar substances.

**Acute dermal toxicity**: LD 50 (Rabbit): > 5,000 mg/kg

**TRISODIUM NITRILOTRIACETATE:**
- **Acute oral toxicity**: LD 50 (Rat): 1,100 mg/kg
- **Acute dermal toxicity**: LD 50 (Rabbit): > 10,000 mg/kg
**Skin corrosion/irritation**  
Causes severe burns.  
**Product:**  
Remarks: Causes severe skin burns and eye damage.

**Components:**  
ALCOHOL ETHOXYLATE:  
Result: Irritating to skin

SODIUM SULFONATE C14-C16 ALKANE HYDROXY & C14-16-ALKENE, SODIUM SALTS:  
Species: Rabbit  
Result: Irritating to skin

TETRAPOTASSIUM PYROPHOSPHATE:  
Species: Rabbit  
Result: Slightly irritating to skin

ETHYLENEDIAMINETETRAACETIC ACID, TETRASODIUM SALT:  
Species: Rabbit  
Result: Not irritating to skin

TRISODIUM NITRILOTRIACETATE:  
Result: Mildly irritating to skin

**Serious eye damage/eye irritation**  
Causes serious eye damage.  
**Product:**  
Remarks: May cause irreversible eye damage.

**Components:**  
ALCOHOL ETHOXYLATE:  
Result: Severely irritating to eyes

SODIUM SULFONATE C14-C16 ALKANE HYDROXY & C14-16-ALKENE, SODIUM SALTS:  
Species: Rabbit  
Result: Corrosive to eyes

TETRAPOTASSIUM PYROPHOSPHATE:  
Species: Rabbit  
Result: Irritating to eyes

ETHYLENEDIAMINETETRAACETIC ACID, TETRASODIUM SALT:  
Result: Severely irritating to eyes

TRISODIUM NITRILOTRIACETATE:  
Result: Irritating to eyes

**Respiratory or skin sensitisation**  
Skin sensitisation: Not classified based on available information.  
Respiratory sensitisation: Not classified based on available information.  
**Components:**  
SODIUM SULFONATE C14-C16 ALKANE HYDROXY & C14-16-ALKENE, SODIUM SALTS:  
Species: Guinea pig
Assessment: Does not cause skin sensitisation.
Method: OECD Test Guideline 406

TETRAPOTASSIUM PYROPHOSPHATE:
Test Type: Local lymph node assay
Species: Mouse
Assessment: Does not cause skin sensitisation.
Method: OECD Test Guideline 429

ETHYLENEDIAMINETETRAACETIC ACID, TETRASODIUM SALT:
Test Type: Maximisation Test (GPMT)
Species: Guinea pig
Assessment: Does not cause skin sensitisation.
Method: OECD Test Guideline 406

Germ cell mutagenicity
Not classified based on available information.

Components:
SODIUM SULFONATE C14-C16 ALKANE HYDROXY & C14-16-ALKENE, SODIUM SALTS:
Genotoxicity in vitro: Test Type: Ames test
Test species: Salmonella typhimurium
Metabolic activation: with and without metabolic activation
Result: negative

ETHYLENEDIAMINETETRAACETIC ACID, TETRASODIUM SALT:
Genotoxicity in vitro: Test Type: Ames test
Test species: Salmonella typhimurium
Metabolic activation: with and without metabolic activation
Result: negative

Carcinogenicity
Not classified based on available information.

Reproductive toxicity
Not classified based on available information.

STOT - single exposure
Not classified based on available information.

STOT - repeated exposure
May cause damage to organs (Respiratory Tract) through prolonged or repeated exposure if inhaled.

Components:
ETHYLENEDIAMINETETRAACETIC ACID, TETRASODIUM SALT:
Exposure routes: Inhalation
Target Organs: Respiratory Tract
Assessment: The substance or mixture is classified as specific target organ toxicant, repeated exposure, category 2.

Aspiration toxicity
Not classified based on available information.

Further information
Product:
Remarks: No data available

Carcinogenicity:
IARC

Group 2B: Possibly carcinogenic to humans

TRISODIUM NITRILOTRIACETATE

OSHA

No component of this product present at levels greater than or equal to 0.1% is identified as a carcinogen or potential carcinogen by OSHA.

NTP

No component of this product present at levels greater than or equal to 0.1% is identified as a known or anticipated carcinogen by NTP.

SECTION 12. ECOLOGICAL INFORMATION

Ecotoxicity

**Components:**

**ALCOHOL ETHOXYLATE:**

Toxicity to fish : LC 50 (Pimephales promelas (fathead minnow)): 8.5 mg/l
Exposure time: 96 h
Remarks: Based on a similar product formulation.

Toxicity to daphnia and other aquatic invertebrates : EC 50 (Daphnia (water flea)): 5.3 mg/l
Remarks: Based on a similar product formulation.

**SODIUM SULFONATE C14-C16 ALKANE HYDROXY & C14-16-ALKENE, SODIUM SALTS:**

Toxicity to fish : LC50 (Danio rerio (zebra fish)): 4.2 mg/l
Exposure time: 96 h
Test Type: static test
Method: OECD Test Guideline 203

Toxicity to algae : EC50 (Ceriodaphnia (water flea)): 4.14 - 4.95 mg/l
Exposure time: 48 h

Toxicity to daphnia and other aquatic invertebrates : EC50 (Pseudokirchneriella subcapitata (green algae)): 45 mg/l
End point: Growth inhibition
Exposure time: 48 h

Toxicity to daphnia and other aquatic invertebrates (Chronic toxicity) : NOEC (Daphnia magna (Water flea)): 6.3 mg/l
Exposure time: 21 d
Test Type: semi-static test

**TETRAPOTASSIUM PYROPHOSPHATE:**

Toxicity to fish : NOEC (Oncorhynchus mykiss (rainbow trout)): > 100 mg/l
Exposure time: 96 h
Test Type: semi-static test

Toxicity to daphnia and other aquatic invertebrates : NOEC (Daphnia magna (Water flea)): 100 mg/l
aquatic invertebrates

Toxicity to algae

ETHYLENEDIAMINETETRAACETIC ACID, TETRASODIUM SALT:

Toxicity to fish

Toxicity to daphnia and other aquatic invertebrates

Toxicity to algae

Toxicity to fish (Chronic toxicity)

Toxicity to daphnia and other aquatic invertebrates (Chronic toxicity)

TRISODIUM NITRILOTRIACETATE:

Toxicity to fish

Toxicity to daphnia and other aquatic invertebrates
Remarks: Mortality

Persistence and degradability

Components:

ALCOHOL ETHOXYLATE:
Biodegradability: Remarks: Expected to be biodegradable

SODIUM SULFONATE C14-C16 ALKANE HYDROXY & C14-16-ALKENE, SODIUM SALTS:
Biodegradability: Result: Readily biodegradable
Biodegradation: 80 %
Exposure time: 28 d
Method: OECD Test Guideline 301B

TETRAPOTASSIUM PYROPHOSPHATE:
Biodegradability: Result: The methods for determining biodegradability are not applicable to inorganic substances.

ETHYLENEDIAMINETETRAACETIC ACID, TETRASODIUM SALT:
Biodegradability: Result: Not readily biodegradable.
Biodegradation: < 10 %
Exposure time: 28 d
Method: OECD Test Guideline 301E

Biodegradation: 90 - 100 %
Exposure time: 72 d
Method: OECD Test Guideline 301E

Bioaccumulative potential

Components:

SODIUM SULFONATE C14-C16 ALKANE HYDROXY & C14-16-ALKENE, SODIUM SALTS:
Partition coefficient: n-octanol/water: log Pow: -1.3

ETHYLENEDIAMINETETRAACETIC ACID, TETRASODIUM SALT:
Partition coefficient: n-octanol/water: log Pow: < 3

Mobility in soil

Components: No data available

Other adverse effects

No data available

Product:

Additional ecological information: An environmental hazard cannot be excluded in the event of unprofessional handling or disposal., Harmful to aquatic life with long lasting effects.

Components:
SECTION 13. DISPOSAL CONSIDERATIONS

Disposal methods
General advice: The product should not be allowed to enter drains, water courses or the soil. Do not contaminate ponds, waterways or ditches with chemical or used container. Send to a licensed waste management company.

Dispose of in accordance with all applicable local, state and federal regulations.

Contaminated packaging: Empty remaining contents. Dispose of as unused product. Empty containers should be taken to an approved waste handling site for recycling or disposal. Do not re-use empty containers.

SECTION 14. TRANSPORT INFORMATION

International transport regulations

<table>
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<tr>
<th>REGULATION</th>
<th>ID NUMBER</th>
<th>PROPER SHIPPING NAME</th>
<th>*HAZARD CLASS</th>
<th>SUBSIDIARY HAZARDS</th>
<th>PACKING GROUP</th>
<th>MARINE POLLUTANT / LTD. QTY.</th>
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<tbody>
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<td>UN 3266</td>
<td>Corrosive liquid, basic, inorganic, n.o.s. (SODIUM METASILICATE)</td>
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<td>U.S. DOT - INLAND WATERWAYS</td>
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TRANSPORT CANADA - RAIL

UN 3266  CORROSIVE LIQUID, BASIC, INORGANIC, N.O.S. (SODIUM METASILICATE)  8 II

TRANSPORT CANADA - INLAND WATERWAYS

UN 3266  CORROSIVE LIQUID, BASIC, INORGANIC, N.O.S. (SODIUM METASILICATE)  8 II

INTERNATIONAL MARITIME DANGEROUS GOODS

UN 3266  CORROSIVE LIQUID, BASIC, INORGANIC, N.O.S. (SODIUM METASILICATE)  8 II

INTERNATIONAL AIR TRANSPORT ASSOCIATION - CARGO

UN 3266  Corrosive liquid, basic, inorganic, n.o.s. (SODIUM METASILICATE)  8 II

INTERNATIONAL AIR TRANSPORT ASSOCIATION - PASSENGER

UN 3266  Corrosive liquid, basic, inorganic, n.o.s. (SODIUM METASILICATE)  8 II

MEXICAN REGULATION FOR THE LAND TRANSPORT OF HAZARDOUS MATERIALS AND WASTES

UN 3266  LIQUIDO CORROSIVO, BASICO, INORGANICO, N.E.P. (SODIUM METASILICATE)  8 II

*ORM = ORM-D, CBL = COMBUSTIBLE LIQUID

| Marine pollutant | no |

Dangerous goods descriptions (if indicated above) may not reflect quantity, end-use or region-specific exceptions that can be applied. Consult shipping documents for descriptions that are specific to the shipment.

SECTION 15. REGULATORY INFORMATION

EPCRA - Emergency Planning and Community Right-to-Know Act
CERCLA Reportable Quantity

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SARA 311/312 Hazards: Acute Health Hazard, Chronic Health Hazard

SARA 313 Component(s)

SARA 313: This material does not contain any chemical components with known CAS numbers that exceed the threshold (De Minimis) reporting levels established by SARA Title III, Section 313.

Pennsylvania Right To Know

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<td>WATER</td>
<td>7732-18-5</td>
<td>70.00 - 90.00 %</td>
</tr>
<tr>
<td>ALCOHOL ETHOXYLATE</td>
<td>Not Assigned</td>
<td>5.00 - 10.00 %</td>
</tr>
<tr>
<td>SODIUM SULFONATE C14-C16 ALKANE HYDROXY &amp; C14-16-ALKENE, SODIUM SALTS</td>
<td>68439-57-6</td>
<td>1.00 - 5.00 %</td>
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<tr>
<td>TETRAPOTASSIUM PYROPHOSPHATE</td>
<td>7320-34-5</td>
<td>1.00 - 5.00 %</td>
</tr>
<tr>
<td>ETHYLENEDIAMINETETRAACETIC ACID, TETRASODIUM SALT</td>
<td>64-02-8</td>
<td>1.00 - 5.00 %</td>
</tr>
</tbody>
</table>

New Jersey Right To Know

<table>
<thead>
<tr>
<th>Component</th>
<th>CAS-No.</th>
<th>%</th>
</tr>
</thead>
<tbody>
<tr>
<td>WATER</td>
<td>7732-18-5</td>
<td>70.00 - 90.00 %</td>
</tr>
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<td>ALCOHOL ETHOXYLATE</td>
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<td>64-02-8</td>
<td>1.00 - 5.00 %</td>
</tr>
</tbody>
</table>

California Prop 65

WARNING! This product contains a chemical known to the State of California to cause cancer.
FORMALDEHYDE 50-00-0

The components of this product are reported in the following inventories:

TSCA: On TSCA Inventory

DSL: All components of this product are on the Canadian DSL.

AUSTR: On the inventory, or in compliance with the inventory
Eagle One™ HANDS OFF High pH Touchless Pre-Soak
CBOOAEE336-05-S5

NZIOC : Not in compliance with the inventory
ENCS : Not in compliance with the inventory
KECL : On the inventory, or in compliance with the inventory
PICCS : On the inventory, or in compliance with the inventory
IECSC : On the inventory, or in compliance with the inventory

Inventories
AICS (Australia), DSL (Canada), IECSC (China), REACH (European Union), ENCS (Japan), ISHL (Japan), KECL (Korea), NZIoC (New Zealand), PICCS (Philippines), TSCA (USA)

SECTION 16. OTHER INFORMATION

Further information
Revision Date: 05/22/2015

<table>
<thead>
<tr>
<th>NFPA:</th>
<th>Health</th>
<th>Flammability</th>
<th>Instability</th>
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<tbody>
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<td>3</td>
<td>1</td>
<td>0</td>
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</table>

<table>
<thead>
<tr>
<th>HMIS III:</th>
<th>HEALTH</th>
<th>FLAMMABILITY</th>
<th>PHYSICAL HAZARD</th>
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</thead>
<tbody>
<tr>
<td></td>
<td>3*</td>
<td>1</td>
<td>0</td>
</tr>
</tbody>
</table>

0 = not significant, 1 = Slight, 2 = Moderate, 3 = High, 4 = Extreme, * = Chronic

NFPA Flammable and Combustible Liquids Classification
Not applicable

Full text of H-Statements referred to under sections 2 and 3.
SAFETY DATA SHEET

Eagle One™ HANDS OFF High pH Touchless Pre-Soak
CBOOA336-05-S5

Revision Date: 05/22/2015
Print Date: 7/28/2015
SDS Number: R0391031

H302 Harmful if swallowed.
H315 Causes skin irritation.
H318 Causes serious eye damage.
H319 Causes serious eye irritation.
H332 Harmful if inhaled.
H351 Suspected of causing cancer.
H373 May cause damage to organs through prolonged or repeated exposure if inhaled.
H401 Toxic to aquatic life.
H411 Toxic to aquatic life with long lasting effects.

Sources of key data used to compile the Safety Data Sheet
Ashland internal data including own and sponsored test reports
The UNECE administers regional agreements implementing harmonised classification for labelling (GHS) and transport.

The information accumulated herein is believed to be accurate but is not warranted to be whether originating with the company or not. Recipients are advised to confirm in advance of need that the information is current, applicable, and suitable to their circumstances. This SDS has been prepared by Ashland's Environmental Health and Safety Department (1-800-325-3751).

List of abbreviations and acronyms that could be, but not necessarily are, used in this safety data sheet:
ACGIH: American Conference of Industrial Hygienists
BEI: Biological Exposure Index
CAS: Chemical Abstracts Service (Division of the American Chemical Society)
CMR: Carcinogenic, Mutagenic or Toxic for Reproduction
FG: Food grade
GHS: Globally Harmonized System of Classification and Labeling of Chemicals
H-statement: Hazard Statement
IATA: International Air Transport Association
IATA-DGR: Dangerous Goods Regulation by the “International Air Transport Association” (IATA).
ICAO: International Civil Aviation Organization
ICAO-TI (ICAO): Technical Instructions by the "International Civil Aviation Organization"
IMDG: International Maritime Code for Dangerous Goods
ISO: International Organization for Standardization
logPow: octanol-water partition coefficient
LCxx: Lethal Concentration, for xx percent of test population
LDxx: Lethal Dose, for xx percent of test population
ICxx: Inhibitory Concentration for xx of a substance
Ecxx: Effective Concentration of xx
N.O.S.: Not Otherwise Specified
OECD: Organization for Economic Co-operation and Development
OEL: Occupational Exposure Limit
P-Statement: Precautionary Statement
PBT: Persistent, Bioaccumulative and Toxic
PPE: Personal Protective Equipment
STEL: Short-term exposure limit
STOT: Specific Target Organ Toxicity
Eagle One™ HANDS OFF High pH Touchless Pre-Soak

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