1. PRODUCT AND COMPANY IDENTIFICATION

Product name: Assist

MSDS #: 265400599001

Product code: 3418761, 3418779, 3418787, 3418795, 3418808, 265400599001

Recommended use: Laundry care.

Manufacturer, importer, supplier:
US Headquarters: JohnsonDiversey, Inc.
8310 16th St.
Sturtevant, Wisconsin 53177-0902
Phone: 1-888-352-2249
MSDS Internet Address: www.johnsondiversey.com

Canadian Headquarters: JohnsonDiversey - Canada, Inc.
2401 Bristol Circle
Oakville, Ontario L6H 6P1
Phone: 1-800-668-3131

Emergency telephone number: 1-800-851-7145 (Prosar); 1-651-917-6133 (Int'l Prosar); 01-800-710-3400 (México)

2. HAZARDS IDENTIFICATION

Principle routes of exposure: Eyes. Skin. Inhalation. Ingestion.

Skin contact: Corrosive. May cause permanent damage.

Eye contact: Corrosive. Causes permanent eye damage, including blindness.

Inhalation: May cause irritation and corrosive effects to nose, throat and respiratory tract.

Ingestion: Causes burns to mouth, throat and stomach.

3. COMPOSITION/INFORMATION ON INGREDIENTS

<table>
<thead>
<tr>
<th>Ingredient</th>
<th>CAS #</th>
<th>Weight %</th>
<th>LD50 Oral</th>
<th>LC50 Inhalation</th>
</tr>
</thead>
<tbody>
<tr>
<td>Sodium hydroxide</td>
<td>1310-73-2</td>
<td>20 - 30%</td>
<td>140 mg/kg (rat)</td>
<td>Not available</td>
</tr>
<tr>
<td>Sodium nitrilotriacetate</td>
<td>18662-53-8</td>
<td>1 - 5%</td>
<td>Not available</td>
<td>Not available</td>
</tr>
</tbody>
</table>

4. FIRST AID MEASURES

Eye contact: Immediately flush eyes with running water for at least 15 minutes, keeping eyelids open. Get medical attention immediately.

Skin contact: Flush immediately with plenty of water for at least 15 minutes. Get medical attention immediately.

Inhalation: If breathing is affected, remove to fresh air. Get medical attention immediately.

Ingestion: Do not induce vomiting. Immediately drink one cupful of water or milk. Get medical attention immediately.

Aggravated Medical Conditions: None known.

5. FIRE-FIGHTING MEASURES

Suitable extinguishing media: The product is not flammable. Dry chemical, water spray, foam, carbon dioxide.

Specific hazards: None known.

Unusual hazards: Corrosive material (See sections 8 and 10).

Specific methods: No special methods required

Autoignition temperature: No information available.

Special protective equipment for firefighters: As in any fire, wear self-contained breathing apparatus pressure-demand, MSHA/NIOSH (approved or equivalent) and full protective gear.

Extinguishing media which must not be used for safety reasons: None.
6. ACCIDENTAL RELEASE MEASURES

Personal precautions: Put on appropriate personal protective equipment (see Section 8.).
Environmental precautions and clean-up methods: Absorb spill with inert material (e.g. dry sand or earth), then place in a chemical waste container. Use a water rinse for final clean-up.

7. HANDLING AND STORAGE

Handling:
Avoid contact with skin, eyes and clothing. Do not taste or swallow. Avoid breathing vapors or mists. Wash thoroughly after handling. Remove and wash contaminated clothing and footwear before re-use. Product residue may remain on/in empty containers. All precautions for handling the product must be used in handling the empty container and residue. FOR COMMERCIAL AND INDUSTRIAL USE ONLY.
Storage:
Protect from freezing. Keep tightly closed in a dry, cool and well-ventilated place. Keep out of the reach of children.

8. EXPOSURE CONTROLS / PERSONAL PROTECTION

Engineering measures to reduce exposure:
General room ventilation is adequate.

Personal Protective Equipment

Eye protection:
Chemical splash goggles.

Hand protection:
Chemical resistant gloves. Includes rubber gloves.

Skin and body protection:
Protective footwear.

Respiratory protection:
No special requirements under normal use conditions. In case of insufficient ventilation wear suitable respiratory equipment.

Hygiene measures:
Avoid contact with skin, eyes and clothing. Handle in accordance with good industrial hygiene and safety practice.

<table>
<thead>
<tr>
<th>Ingredient</th>
<th>CAS #</th>
<th>ACGIH</th>
<th>OSHA</th>
<th>Mexico</th>
</tr>
</thead>
<tbody>
<tr>
<td>Sodium hydroxide</td>
<td>1310-73-2</td>
<td>2 mg/m³ (Ceiling)</td>
<td>2 mg/m³</td>
<td>2 mg/m³ (Ceiling)</td>
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</table>

9. PHYSICAL AND CHEMICAL PROPERTIES

<table>
<thead>
<tr>
<th>Physical State:</th>
<th>Liquid</th>
</tr>
</thead>
<tbody>
<tr>
<td>Color:</td>
<td>Clear Amber</td>
</tr>
<tr>
<td>Odor:</td>
<td>Pine</td>
</tr>
<tr>
<td>Specific gravity:</td>
<td>1.317 g/cc</td>
</tr>
<tr>
<td>Dilution pH:</td>
<td>13.3 (1%)</td>
</tr>
<tr>
<td>Bulk density:</td>
<td>10.99 lb/gal</td>
</tr>
<tr>
<td>Vapor density:</td>
<td>No information available</td>
</tr>
<tr>
<td>Evaporation rate:</td>
<td>No information available</td>
</tr>
<tr>
<td>Solubility in other solvents:</td>
<td>No information available</td>
</tr>
<tr>
<td>Viscosity:</td>
<td>No information available</td>
</tr>
<tr>
<td>Partition coefficient (n-octanol/water):</td>
<td>No information available</td>
</tr>
<tr>
<td>Appearance:</td>
<td>Liquid</td>
</tr>
<tr>
<td>Boiling point/range:</td>
<td>Not determined</td>
</tr>
<tr>
<td>Melting point/range:</td>
<td>Not determined</td>
</tr>
<tr>
<td>pH:</td>
<td>13.5</td>
</tr>
<tr>
<td>Density:</td>
<td>1.317 g/ml</td>
</tr>
<tr>
<td>Decomposition temperature:</td>
<td>Not determined</td>
</tr>
<tr>
<td>Autoignition temperature:</td>
<td>No information available</td>
</tr>
<tr>
<td>Solubility:</td>
<td>Soluble</td>
</tr>
<tr>
<td>VOC:</td>
<td>0.0%</td>
</tr>
<tr>
<td>Flash point:</td>
<td>&gt;200 °F &gt;93.3 °C</td>
</tr>
</tbody>
</table>

10. STABILITY AND REACTIVITY

Stability:
The product is stable
Polymerization:
Hazardous polymerisation does not occur
Hazardous decomposition products:
None reasonably foreseeable
Materials to avoid:
Acids.
Conditions to avoid:
Stable at normal conditions. No special storage conditions required.

11. TOXICOLOGICAL INFORMATION

Acute toxicity
Oral, LD50 estimated to be between 400 - 2000 mg/kg, Dermal, LD50 estimated to be > 2000 mg/kg, Corrosive.
Component Information:
See Section 3
Chronic toxicity:
Based upon ingestion of NTA in lifetime feeding studies, NTA has been shown to induce tumors in the urinary tracts of rats and mice. However, on a practical basis and according to guidelines for classification of experimental animal carcinogens of the American Council of Governmental Industrial Hygienists (ACGIH), NTA would not be considered an occupational carcinogen of any practical significance.

Specific effects
Carcinogenic effects: None known
Mutagenic effects: None known
Reproductive toxicity: None known
Target organ effects: None known

### HAZARDOUS COMPONENTS

<table>
<thead>
<tr>
<th>Ingredient</th>
<th>CAS #</th>
<th>NTP</th>
<th>IARC</th>
<th>OSHA</th>
</tr>
</thead>
<tbody>
<tr>
<td>Sodium nitritriacetate</td>
<td>18662-53-8</td>
<td>Listed</td>
<td>2B</td>
<td></td>
</tr>
</tbody>
</table>

### 12. ECOLOGICAL INFORMATION

Environmental Information: When used for its intended purpose this product should not cause adverse effects in the environment.

### 13. DISPOSAL CONSIDERATIONS

Waste from residues / unused products: Undiluted product is regulated under environmental and transportation laws as a corrosive waste. Dispose of according to all federal, state and local applicable regulations.

### 14. TRANSPORT INFORMATION

DOT/TDG: Please refer to the Bill of Lading/receiving documents for up to date shipping information.

### 15. REGULATORY INFORMATION

#### International Inventories

All components of this product are listed on the following inventories: U.S.A. (TSCA), Canada (DSL/NDSL), China (IECSC).

#### U.S. Regulations

California Proposition 65: This product is not subject to the reporting requirements under California’s Proposition 65

### STATE RIGHT TO KNOW

<table>
<thead>
<tr>
<th>Ingredient</th>
<th>CAS #</th>
<th>MARTK:</th>
<th>NJRTK:</th>
<th>PARTK:</th>
<th>RIRTK:</th>
<th>ILRTK:</th>
<th>CTRTK:</th>
</tr>
</thead>
<tbody>
<tr>
<td>Sodium hydroxide</td>
<td>1310-73-2</td>
<td>Listed</td>
<td>Listed</td>
<td>Listed</td>
<td>Listed</td>
<td>Listed</td>
<td>Listed</td>
</tr>
<tr>
<td>Sodium nitritriacetate</td>
<td>18662-53-8</td>
<td>Listed</td>
<td></td>
<td>-</td>
<td>-</td>
<td>-</td>
<td>-</td>
</tr>
<tr>
<td>Water</td>
<td>7732-18-5</td>
<td>-</td>
<td>-</td>
<td>-</td>
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<td>-</td>
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</tr>
</tbody>
</table>

#### CERCLA / SARA

<table>
<thead>
<tr>
<th>Ingredient</th>
<th>CAS #</th>
<th>Weight %</th>
<th>CERCLA/SARA RQ (lbs)</th>
<th>Section 302 TPQ (lbs)</th>
<th>Section 313</th>
</tr>
</thead>
<tbody>
<tr>
<td>Sodium hydroxide</td>
<td>1310-73-2</td>
<td>20 - 30%</td>
<td>1000</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

CAA HAP/CAA ODS/CWA Priority Pollutants: None

Canada

WHMIS hazard class: E Corrosive material, D2A Very toxic materials.

### 16. OTHER INFORMATION

Reason for revision: Not applicable

Prepared by: NAPRAC

Additional advice: None

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