SECTION 1: Identification of the substance/mixture and of the company/undertaking

1.1. Product identifier
- Product form: Mixture
- Product name: Oxy Powder Detergent- 7035
- Product code: 60032

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

1.3. Details of the supplier of the safety data sheet
Advantage Chemical, LLC
Temecula, CA, 92590
T 1-855-238-2436

1.4. Emergency telephone number
- Emergency number: 1-800-424-9300
  ChemTrec

SECTION 2: Hazards identification

2.1. Classification of the substance or mixture
- GHS-US classification
  Skin Corr. 1A: H314
  Eye Irrit. 2B: H320
  Aquatic Acute 3: H402

2.2. Label elements
- GHS-US labelling
  Hazard pictograms (GHS-US): GHS05
  Signal word (GHS-US): Danger
  Hazard statements (GHS-US):
    - H314 - Causes severe skin burns and eye damage
    - H320 - Causes eye irritation
    - H402 - Harmful to aquatic life
  Precautionary statements (GHS-US):
    - P260 - Do not breathe dust/fume/gas/mist/vapours/spray
    - P264 - Wash hands, forearms and face thoroughly after handling
    - P273 - Avoid release to the environment
    - P280 - Wear protective gloves/protective clothing/eye protection/face protection
    - P301+P361+P353 - If on skin (or hair): Take off immediately all contaminated clothing. Rinse skin with water/shower
    - P304+P340 - If inhaled: Remove person to fresh air and keep comfortable for breathing
    - P305+P351+P338 - If in eyes: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing
    - P337+P313 - If eye irritation persists: Get medical advice/attention
    - P363 - Wash contaminated clothing before reuse
    - P405 - Store locked up
    - P501 - Dispose of contents/container to a licensed hazardous waste facility in accordance with state and local agencies

2.3. Other hazards
No additional information available

2.4. Unknown acute toxicity (GHS-US)
Not applicable
SECTION 3: Composition/information on ingredients

<table>
<thead>
<tr>
<th>Name</th>
<th>Product identifier</th>
<th>%</th>
<th>GHS-US classification</th>
</tr>
</thead>
<tbody>
<tr>
<td>sodium carbonate</td>
<td>(CAS No) 497-19-8</td>
<td>20 - 60</td>
<td>Skin Corr. 1A, H314 Aquatic Acute 3, H402</td>
</tr>
<tr>
<td>sodium carbonate peroxyhydrate (2:3), slightly oxidizing</td>
<td>(CAS No) 15630-89-4</td>
<td>20 - 60</td>
<td>Acute Tox. 4 (Oral), H302</td>
</tr>
</tbody>
</table>

Full text of H-statements: see section 16

SECTION 4: First aid measures

4.1. Description of first aid measures

First-aid measures general: Never give anything by mouth to an unconscious person. If you feel unwell, seek medical advice (show the label where possible).

First-aid measures after inhalation: Remove victim to fresh air and keep at rest in a position comfortable for breathing.

First-aid measures after skin contact: Remove/Take off immediately all contaminated clothing. Rinse skin with water/shower.

First-aid measures after eye contact: 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.

First-aid measures after ingestion: Rinse mouth. Do NOT induce vomiting. Immediately call a POISON CENTER or doctor/physician.

4.2. Most important symptoms and effects, both acute and delayed

Symptoms/injuries: Causes severe skin burns and eye damage.

4.3. Indication of any immediate medical attention and special treatment needed

No additional information available

SECTION 5: Firefighting measures

5.1. Extinguishing media


Unsuitable extinguishing media: Do not use a heavy water stream.

5.2. Special hazards arising from the substance or mixture

No additional information available

5.3. Advice for firefighters

Firefighting instructions: Use water spray or fog for cooling exposed containers. Exercise caution when fighting any chemical fire. Prevent fire-fighting water from entering environment.

Protection during firefighting: Do not enter fire area without proper protective equipment, including respiratory protection.

SECTION 6: Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures

6.1.1. For non-emergency personnel

Emergency procedures: Evacuate unnecessary personnel.

6.1.2. For emergency responders

Protective equipment: Equip cleanup crew with proper protection.

Emergency procedures: Ventilate area.

6.2. Environmental precautions

Prevent entry to sewers and public waters. Notify authorities if liquid enters sewers or public waters. Avoid release to the environment.

6.3. Methods and material for containment and cleaning up

Methods for cleaning up: On land, sweep or shovel into suitable containers. Minimize generation of dust. Store away from other materials.

6.4. Reference to other sections

See Heading 8. Exposure controls and personal protection.

SECTION 7: Handling and storage

7.1. Precautions for safe handling

Precautions for safe handling: Avoid contact with skin, eyes and clothing.
Hygiene measures: Do not eat, drink or smoke when using this product. Always wash hands after handling the product.

7.2. Conditions for safe storage, including any incompatibilities

Technical measures: Comply with applicable regulations.

Storage conditions: Keep only in original container in a cool well ventilated area. Keep container closed when not in use.

Incompatible products: Strong bases. Strong acids.

Incompatible materials: Sources of ignition. Direct sunlight.

Storage temperature: 25 (5 - 42) °C

7.3. Specific end use(s)

No additional information available

SECTION 8: Exposure controls/personal protection

8.1. Control parameters

<table>
<thead>
<tr>
<th></th>
<th>ACGIH</th>
<th>OSHA</th>
</tr>
</thead>
<tbody>
<tr>
<td>Oxy Powder Detergent- 7035</td>
<td>Not applicable</td>
<td>Not applicable</td>
</tr>
<tr>
<td>sodium carbonate (497-19-8)</td>
<td>Not applicable</td>
<td>Not applicable</td>
</tr>
<tr>
<td>sodium carbonate peroxyhydrate (2:3), slightly oxidizing (15630-89-4)</td>
<td>Not applicable</td>
<td>Not applicable</td>
</tr>
</tbody>
</table>

8.2. Exposure controls

Personal protective equipment: Avoid all unnecessary exposure.

Hand protection: Wear protective gloves.

Eye protection: Chemical goggles or face shield.

Skin and body protection: Wear suitable protective clothing.

Other information: Do not eat, drink or smoke during use.

SECTION 9: Physical and chemical properties

9.1. Information on basic physical and chemical properties

<table>
<thead>
<tr>
<th>Property</th>
<th>Value</th>
</tr>
</thead>
<tbody>
<tr>
<td>Physical state</td>
<td>Solid</td>
</tr>
<tr>
<td>Colour</td>
<td>White Blue</td>
</tr>
<tr>
<td>Odour</td>
<td>characteristic</td>
</tr>
<tr>
<td>Odour threshold</td>
<td>No data available</td>
</tr>
<tr>
<td>pH</td>
<td>11.5 (11 - 12) 1% Solution when tested</td>
</tr>
<tr>
<td>Melting point</td>
<td>No data available</td>
</tr>
<tr>
<td>Freezing point</td>
<td>NA</td>
</tr>
<tr>
<td>Boiling point</td>
<td>NA</td>
</tr>
<tr>
<td>Flash point</td>
<td>None</td>
</tr>
<tr>
<td>Relative evaporation rate (butylacetate=1)</td>
<td>No data available</td>
</tr>
<tr>
<td>Flammability (solid, gas)</td>
<td>No data available</td>
</tr>
<tr>
<td>Explosive limits</td>
<td>No data available</td>
</tr>
<tr>
<td>Explosive properties</td>
<td>No data available</td>
</tr>
<tr>
<td>Oxidising properties</td>
<td>No data available</td>
</tr>
<tr>
<td>Vapour pressure</td>
<td>No data available</td>
</tr>
<tr>
<td>Relative density</td>
<td>No data available</td>
</tr>
<tr>
<td>Relative vapour density at 20 °C</td>
<td>No data available</td>
</tr>
<tr>
<td>Density</td>
<td>Not Tested</td>
</tr>
</tbody>
</table>
**Solubility**
Soluble in water.
Water: Solubility in water of component(s) of the mixture:
- pentasodium triphosphate: 15 g/100ml
- sodium carbonate: 22 g/100ml
- sodium carbonate peroxyhydrate (2:3), slightly oxidizing: 14 g/100ml

**Log Pow**
No data available

**Log Kow**
No data available

**Auto-ignition temperature**
No data available

**Decomposition temperature**
No data available

**Viscosity**
No data available

**Viscosity, kinematic**
No data available

**Viscosity, dynamic**
No data available

**9.2. Other information**
VOC content: None

**SECTION 10: Stability and reactivity**

**10.1. Reactivity**
No additional information available

**10.2. Chemical stability**
Not established.

**10.3. Possibility of hazardous reactions**
Not established.

**10.4. Conditions to avoid**
Direct sunlight. Extremely high or low temperatures.

**10.5. Incompatible materials**
Strong acids. Strong bases.

**10.6. Hazardous decomposition products**

**SECTION 11: Toxicological information**

**11.1. Information on toxicological effects**

**Acute toxicity**
Not classified

**sodium carbonate (497-19-8)**

<table>
<thead>
<tr>
<th>Test Type</th>
<th>Value</th>
</tr>
</thead>
<tbody>
<tr>
<td>LD50 oral rat</td>
<td>2800 mg/kg (Rat)</td>
</tr>
<tr>
<td>LD50 dermal rabbit</td>
<td>&gt; 2000 mg/kg (Rabbit)</td>
</tr>
<tr>
<td>ATE US (oral)</td>
<td>2800.000 mg/kg bodyweight</td>
</tr>
</tbody>
</table>

**sodium carbonate peroxyhydrate (2:3), slightly oxidizing (15630-89-4)**

<table>
<thead>
<tr>
<th>Test Type</th>
<th>Value</th>
</tr>
</thead>
<tbody>
<tr>
<td>LD50 oral rat</td>
<td>1034 mg/kg (Rat)</td>
</tr>
<tr>
<td>LD50 dermal rabbit</td>
<td>&gt; 2000 mg/kg (Rabbit)</td>
</tr>
<tr>
<td>ATE US (oral)</td>
<td>1034.000 mg/kg bodyweight</td>
</tr>
</tbody>
</table>

**Skin corrosion/irritation**
Causes severe skin burns and eye damage.
pH: 11.5 (11 - 12) 1% Solution when tested

**Serious eye damage/irritation**
Causes eye irritation.
pH: 11.5 (11 - 12) 1% Solution when tested

**Respiratory or skin sensitisation**
Not classified

**Germ cell mutagenicity**
Not classified

**Carcinogenicity**
Not classified

**Reproductive toxicity**
Not classified

**Specific target organ toxicity (single exposure)**
Not classified

**Specific target organ toxicity (repeated exposure)**
Not classified
Aspiration hazard: Not classified
Potential adverse human health effects and symptoms: Based on available data, the classification criteria are not met.

SECTION 12: Ecological information

12.1. Toxicity
Ecology - water: Harmful to aquatic life.

<table>
<thead>
<tr>
<th>Sodium carbonate (497-19-8)</th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>LC50 fish 1</td>
<td>300 mg/l (96 h; Lepomis macrochirus)</td>
</tr>
<tr>
<td>EC50 Daphnia 1</td>
<td>&lt; 424 mg/l (48 h; Daphnia magna)</td>
</tr>
<tr>
<td>EC50 other aquatic organisms 1</td>
<td>14 mg/l (168 h; Plankton)</td>
</tr>
<tr>
<td>LC50 fish 2</td>
<td>740 mg/l (96 h; Gambusia affinis)</td>
</tr>
<tr>
<td>EC50 Daphnia 2</td>
<td>265 mg/l (48 h; Daphnia magna)</td>
</tr>
<tr>
<td>TLM fish 1</td>
<td>300 ppm (96 h; Lepomis macrochirus)</td>
</tr>
<tr>
<td>TLM other aquatic organisms 1</td>
<td>500 ppm (96 h; Daphnia magna)</td>
</tr>
<tr>
<td>Threshold limit algae 1</td>
<td>242 mg/l (5 days; Algae)</td>
</tr>
</tbody>
</table>

12.2. Persistence and degradability

<table>
<thead>
<tr>
<th>Oxy Powder Detergent- 7035</th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>Persistence and degradability</td>
<td>Not established.</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Sodium carbonate (497-19-8)</th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>Persistence and degradability</td>
<td>Biodegradability: not applicable. Low potential for adsorption in soil.</td>
</tr>
<tr>
<td>ThOD</td>
<td>Not applicable (inorganic)</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Sodium carbonate peroxyhydrate (2:3), slightly oxidizing (15630-89-4)</th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>Persistence and degradability</td>
<td>Biodegradability: not applicable. Hydrolysis in water.</td>
</tr>
<tr>
<td>Biochemical oxygen demand (BOD)</td>
<td>Not applicable</td>
</tr>
<tr>
<td>Chemical oxygen demand (COD)</td>
<td>Not applicable</td>
</tr>
<tr>
<td>ThOD</td>
<td>Not applicable</td>
</tr>
<tr>
<td>BOD (% of ThOD)</td>
<td>Not applicable</td>
</tr>
</tbody>
</table>

12.3. Bioaccumulative potential

<table>
<thead>
<tr>
<th>Oxy Powder Detergent- 7035</th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>Bioaccumulative potential</td>
<td>Not established.</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Sodium carbonate (497-19-8)</th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>Log Pow</td>
<td>-6.19 (Estimated value)</td>
</tr>
<tr>
<td>Bioaccumulative potential</td>
<td>Low potential for bioaccumulation (Log Kow &lt; 4).</td>
</tr>
</tbody>
</table>

12.4. Mobility in soil

No additional information available

12.5. Other adverse effects

Effect on the global warming: No known ecological damage caused by this product.

Other information: Avoid release to the environment.

SECTION 13: Disposal considerations

13.1. Waste treatment methods

<table>
<thead>
<tr>
<th>Waste disposal recommendations</th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>Dispose of contents/containers in hazardous or special waste collection point, an approved disposal plant, a licensed hazardous waste disposal contractor or authorized waste collection site in accordance with local, regional and/or international regulation, except for empty clean containers which can be disposed of as non hazardous waste.</td>
<td></td>
</tr>
</tbody>
</table>

Ecology - waste materials: Avoid release to the environment.
SECTION 14: Transport information

Department of Transportation (DOT)
In accordance with DOT
Not regulated for transport

Additional information
Other information : No supplementary information available.

ADR
No additional information available

Transport by sea
No additional information available

Air transport
No additional information available

SECTION 15: Regulatory information

15.1. US Federal regulations
sodium carbonate (497-19-8)
Listed on the United States TSCA (Toxic Substances Control Act) inventory

sodium carbonate peroxyhydrate (2:3), slightly oxidizing (15630-89-4)
Listed on the United States TSCA (Toxic Substances Control Act) inventory

15.2. International regulations
CANADA
No additional information available

EU-Regulations
No additional information available

Classification according to Regulation (EC) No. 1272/2008 [CLP]
No additional information available

Classification according to Directive 67/548/EEC [DSD] or 1999/45/EC [DPD]
Not classified

National regulations
No additional information available

15.3. US State regulations
No additional information available

SECTION 16: Other information

Revision date : 10/29/2015
Other information : None.

Full text of H-statements:

Acute Tox. 4 (Oral) Acute toxicity (oral), Category 4
Aquatic Acute 3 Hazardous to the aquatic environment — Acute Hazard, Category 3
Eye Irrit. 2B Serious eye damage/eye irritation, Category 2B
Skin Corr. 1A Skin corrosion/irritation, Category 1A
H302 Harmful if swallowed
H314 Causes severe skin burns and eye damage
H320 Causes eye irritation
H402 Harmful to aquatic life
Oxy Powder Detergent- 7035
Safety Data Sheet

NFPA health hazard - 2 - Intense or continued exposure could cause temporary incapacitation or possible residual injury unless prompt medical attention is given.

NFPA fire hazard - 0 - Materials that will not burn.

NFPA reactivity - 1 - Normally stable, but can become unstable at elevated temperatures and pressures or may react with water with some release of energy, but not violently.

NFPA specific hazard - OX - This denotes an oxidizer, a chemical which can greatly increase the rate of combustion/fire.

HMIS III Rating

Health - 2 Moderate Hazard - Temporary or minor injury may occur

Flammability - 0 Minimal Hazard - Materials that will not burn

Physical - 1 Slight Hazard - Materials that are normally stable but can become unstable (self-react) at high temperatures and pressures. Materials may react non-violently with water or undergo hazardous polymerization in the absence of inhibitors.

Personal Protection - C

C - Safety glasses, Gloves, Synthetic apron

SDS US (GHS HazCom 2012)

This information is based on our current knowledge and is intended to describe the product for the purposes of health, safety and environmental requirements only. It should not therefore be construed as guaranteeing any specific property of the product.