1. **Product and company identification**

<table>
<thead>
<tr>
<th>Product Name</th>
<th>DETERGENT MAX HLT-S</th>
</tr>
</thead>
<tbody>
<tr>
<td>UN/ID No.</td>
<td>DOT(US): Not Regulated</td>
</tr>
</tbody>
</table>

**Recommended use of the chemical:**

<table>
<thead>
<tr>
<th>Recommended Use</th>
<th>For industrial and commercial laundry</th>
</tr>
</thead>
</table>

**Supplier:**

Butler Chemicals  
3070 E. Ceena Ct.  
Anaheim, CA. 92806

**For Chemical Emergency**

Spill, leak, Exposure or Incident  
CALL INFOTRAC • 24-Hour Number  
1(800) 535-5053 or + 1-352-323-3500

**Product type:**

Mixture

2. **Hazards identification**

<table>
<thead>
<tr>
<th>Appearance</th>
<th>clear/light yellow</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Physical State:</strong></td>
<td>Liquid</td>
</tr>
<tr>
<td><strong>Odor:</strong></td>
<td>n/a</td>
</tr>
</tbody>
</table>

**Classification**

<table>
<thead>
<tr>
<th>Serious eye damage/eye irritation</th>
<th>Category 2/2A, H319</th>
</tr>
</thead>
</table>

**Signal Word:**

WARNING

**Hazard Statement:**

Causes serious eye irritation  
Harmful if swallowed.

**Potential Health Effects**

**Exposure routes**

Inhalation, Skin absorption, skin contact, Eye Contac, Ingestion

**Eye contact**

Causes serious eye irritation.

**Skin contact**

May cause skin irritation.

**Ingestion**

Harmful if swallowed.

**Inhalation**

May be harmful if swallowed

**Precautionary Statements – Preventions:**

Keep away from Children. Read label before use  
Wear eye protection/face protection  
Wash face, hands and any exposed skin thoroughly after handling  
Do not eat, drink or smoke when using this product  
Use only outdoors or in a well-ventilated area  
Do not breathe dust/fume/gas/mist/vapors/spray  
Wear protective gloves/protective clothing/eye protection/face protection  
Other protective measures: Use good personal hygiene practices  
Keep container closed
Precautionary Statements – Response:
Immediately call a poison control center or doctor/physician
IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do so. Continue rinsing immediately call a poison control center or doctor/physician
IF ON SKIN (or hair): Remove/Take off immediately all contaminated clothing. Rinse skin with water/shower
Wash contaminated clothing before reuse
IF INHALED: Remove victim to fresh air and keep at rest in a position comfortable for breathing. Immediately call a poison control center or doctor/physician
IF SWALLOWED: Immediately call a poison control center or doctor/physician, rinse mouth, contact a physician, medical facility, or poison control center for advice about whether to induce vomiting.


Precautionary Statements – Disposal: Dispose of contents/container in accordance with local, state, federal, national and regional regulations.

3. Composition/information on ingredients

<table>
<thead>
<tr>
<th>Name</th>
<th>%</th>
</tr>
</thead>
<tbody>
<tr>
<td>Proprietary</td>
<td>n/a</td>
</tr>
</tbody>
</table>

4. First aid measures

Eye contact: Causes serious eye irritation. Do NOT allow victim to rub or keep eyes closed. Check for and remove any contact lenses if easy to do so. Immediately flush eyes with running water for at least 30 minutes, keeping eyelids apart. Use cool running water. Seek immediate medical attention.

Skin contact: Can cause moderate irritation. Immediately flush skin with plenty of soap and water for at least 15 minutes while removing contaminated clothing and shoes. For a large splash, flood body under a shower. Discard contaminated clothing in a manner which limits further exposure. Destroy contaminated shoes. If symptoms develop, seek medical attention.

Inhalation: Get medical aid immediately. Remove from exposure to fresh air immediately. If breathing is difficult, give oxygen. Do NOT use mouth-to-mouth resuscitation. If breathing has ceased apply artificial respiration using oxygen and suitable mechanical device such as a bag and a mask.

Ingestion: Seek medical attention immediately. Never give anything by mouth to an unconscious person. If individual is drowsy or unconscious, do not give anything by mouth; place individual on the left side with the head down. Contact a physician, medical facility, or poison control center for advice about whether to induce vomiting. If possible, do not leave individual unattended. If aspiration of vomit, turn victim’s head to the side.

Protection of first-aiders; Note to physician
Persons with pre-existing skin disorders or impaired respiratory or pulmonary function may be at increased risk to the effects of this substance. Treat symptomatically and supportively.

5. Fire-fighting measures

Flash point: n/a

Extinguishing media: Alcohol Foam, Carbon dioxide, Dry powder. Other extinguishing agent suitable for Class B fires. For large fires, use water spray or fog, thoroughly drenching the burning material. Water mist may be used to cool closed containers.

Fire and Explosion Hazard: Flammable Liquid; may release vapors that form flammable mixtures at or above the flash point. Empty product containers may contain product residue. Do not pressurize, cut heat, weld, or expose containers to flame or other sources of ignition. May evolve oxides of carbon (C ox) under fire conditions.

Decomposition products: Special protective equipment for fire-fighters: In case of fire; wear full face positive-pressure self contained breathing apparatus and protective suit.

6. Accidental release measures

Personal precautions: Restrict access to area as appropriate until clean-up operations are complete. Ensure clean-up is conducted by trained personnel only. Ventilate spill area if possible. Do not touch spilled material. Eliminate ignition sources. Stop or reduce any leaks if it is safe.
to do so. Use personal protective equipment recommended in Section 8 (Exposure Control/Personal Protection). Notify appropriate government, occupation health and safety and environmental authorities.

Environmental precautions: Prevent material from entering sewers or waterways.

Methods for cleaning up:

Small spill: Soak up spill with absorbent material. Place residues in a suitable, covered, properly labeled container.

Large spill: Contain liquid using absorbent material, by digging trenches or dike. Reclaim into recovery or salvage drums or tank truck for proper disposal. Wash site of spillage thoroughly with water. Contact an approved waste hauler for disposal of contaminated recovered material. Dispose of material in compliance with regulations indicated in Section 13 (Disposal Considerations).

7. Handling and storage

Handling: Store in a cool, dry, well ventilated area away from heat or flame. Do not destroy or deface the label on container. Adhere to work practice rules established by government regulations. Use only in well-ventilated areas. Avoid contact with eyes. Avoid breathing vapors and/or aerosols. Use personal protective equipment. When using, do not eat, drink or smoke.

Storage: Keep containers tightly closed in a cool, dry, well-ventilated place. Containers which are opened must be carefully resealed and kept upright to prevent leakage. Store away from incompatible materials. Keep away from children.

8. Exposure controls/personal protection

Consult local authorities for acceptable exposure limits.

Engineering Controls Apply technical measures to comply with the occupational exposure limits. Local exhaust ventilation recommended. Eye wash stations. Showers.

OCCUPATIONAL EXPOSURE LIMITS:

Eye/Face Protection Wear tightly fitting safety goggles to prevent getting into eyes or face, avoid spray or splashing when dispensing liquid. For bulk handling wear suitable protective glasses or goggles

Skin and Body Protection Wear chemical resistant gloves, long sleeve and trousers without cuffs

Respiratory Protection Domestic quantities require no special requirements with normal careful use. When handling bulk quantities, avoid breathing mist or vapors. When ventilation is inadequate and mist or vapors are generated, respiratory protective equipment should be used suitable for protecting against airborne contaminants.

General Hygiene considerations Use good personal hygiene practices

9. Physical and chemical properties

<table>
<thead>
<tr>
<th>Physical state</th>
<th>Liquid</th>
</tr>
</thead>
<tbody>
<tr>
<td>Color</td>
<td>Clear/light yellow</td>
</tr>
<tr>
<td>Odor</td>
<td>n/a</td>
</tr>
<tr>
<td>Specific Gravity</td>
<td>n/a</td>
</tr>
<tr>
<td>Density</td>
<td>n/a</td>
</tr>
<tr>
<td>Solubility in Water</td>
<td>Complete</td>
</tr>
<tr>
<td>pH (100%)</td>
<td>10</td>
</tr>
<tr>
<td>Viscosity</td>
<td>n/a</td>
</tr>
<tr>
<td>Pour Point</td>
<td>n/a</td>
</tr>
<tr>
<td>Vapor Pressure</td>
<td>n/a</td>
</tr>
<tr>
<td>Flash Point</td>
<td>n/a</td>
</tr>
</tbody>
</table>

10. Stability reactivity

<table>
<thead>
<tr>
<th>Stability</th>
<th>Stable under normal conditions</th>
</tr>
</thead>
<tbody>
<tr>
<td>Hazardous polymerization</td>
<td>Hazardous polymerization will not occur</td>
</tr>
<tr>
<td>Conditions to avoid</td>
<td>No information available</td>
</tr>
</tbody>
</table>
Incompatible materials | Strong oxidizing agents  
--- | ---  
Hazardous decomposition products | Under fire conditions: Oxides of Carbon

### 11. Toxicological information

**Acute toxicity:** Not available

No components of this product present at levels greater than or equal to 0.1% is identified as probable, possible or confirmed human carcinogen by IARC, ACGIH, NTP, OSHA

**Inhalation:** May cause irritation to the respiratory system. Prolonged inhalation may be harmful

**Skin:** May be harmful if absorbed through skin. Causes severe skin burns.

**Eyes:** Causes severe eye burns, causes serious eye damage

**Ingestion:** Toxic if swallowed. Do not ingest.

**Chronic Effects of Long-term Exposure:** No data available

**Carcinogenicity:** No component of this product at levels greater than 0.1% is identified as carcinogenic by IARC, ACGIH, or OSHA.

### 12. Ecological information

| Ecotoxicity | No data available |
| Persistence and degradability | No data is available on the degradability of this product |
| Bioaccumulative potential | No data available |
| Mobility in soil | No data available |
| Other adverse effects | No data available |

### 13. Disposal considerations

**Waste disposal:** The generation of waste should be avoided or minimized wherever possible. Empty containers or liners may retain some product residues. This material and its container must be disposed of in a safe way. Dispose of surplus and non-recyclable products via a license waste contactor. Disposal of this product, solutions and any by products should at all times comply with the requirements of environmental protection and waste disposal legislation and any regional local authority requirements. Avoid dispersal of spilled material and runoff and contract with soil, waterways, drains and sewers.

Refer to Section 7: Handling and Storage and Section 8: Exposure Controls/Personal Protection for additional handling information and protection of employees.

### 14. Transport information

**DOT (U.S.):** Not Regulated

### 15. Regulatory information

**California State Regulations:**

**U.S. California Proposition 65**  
California Safe Drinking Water and Toxic Enforcement Act of 1986 (Proposition 65): This material is not known to contain any chemicals currently listed as carcinogens or reproductive toxins.

### California Right to Know Act regulations (SB 258)

<table>
<thead>
<tr>
<th>Chemical Name</th>
<th>CAS No.</th>
<th>Function</th>
<th>List(s)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Water</td>
<td>7732-18-5</td>
<td>Diluent</td>
<td>N/A</td>
</tr>
<tr>
<td>Ethoxylated alcohol blend</td>
<td>Withheld</td>
<td>Cleaning agent</td>
<td>N/A</td>
</tr>
<tr>
<td>Solvent blend</td>
<td>Withheld</td>
<td>Cleaning agent</td>
<td>N/A</td>
</tr>
<tr>
<td>Chelator</td>
<td>Withheld</td>
<td>Cleaning agent</td>
<td>N/A</td>
</tr>
<tr>
<td>Polymer</td>
<td>Withheld</td>
<td>Cleaning agent</td>
<td>N/A</td>
</tr>
<tr>
<td>1,2-Benzisothiazolin-3-one</td>
<td>2634-33-5</td>
<td>Preservative</td>
<td>N/A</td>
</tr>
</tbody>
</table>

### 16. Other information

<table>
<thead>
<tr>
<th>HMIS</th>
<th>Health Hazards</th>
<th>Flammability</th>
<th>Reactivity</th>
<th>Personal Protection</th>
</tr>
</thead>
</table>
Disclaimer
The information provided in the Safety Data Sheet is correct to the best of our knowledge, information and belief at the date of its publication. The information given is designed only as guidance for safe handling, use, processing, storage, transportation, disposal and release and is not to be considered a warranty or quality specification. The information relates only to the specific material designated and may not be valid for such material used in combination with any other materials or in any process, unless specified in the text.

End of Safety Data Sheet