



S D S SAFETY DATA SHEET

1. Product and company identification

Product Name DETERGENT MAX HLT-S

UN/ID No. DOT(US): Not Regulated

Recommended use of the chemical:

Recommended Use For industrial and commercial laundry

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

Appearance: clear/light yellow

Physical State: Liquid

Odor: n/a

Classification

Serious eye damage/eye irritation

Category 2/2A, H319

Signal Word: WARNING



Hazard Statement:

Causes serious eye irritation
Harmful if swallowed.

Potential Health Effects

Exposure routes

Inhalation, Skin absorption, skin contact, Eye Contact, 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 – Storage: Store locked up. Store in a well-ventilated place. Keep container tightly closed.

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

3. Composition/information on ingredients

<u>Name</u>	<u>%</u>
Proprietary	n/a

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 (Cox) 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
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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:

Methods for cleaning up:

Small spill:

Prevent material from entering sewers or waterways.

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

Physical state	Liquid
Color	Clear/light yellow
Odor	n/a
Specific Gravity	n/a
Density	n/a
Solubility in Water	Complete
pH (100%)	10
Viscosity	n/a
Pour Point	n/a
Vapor Pressure	n/a
Flash Point	n/a

10. Stability reactivity

Stability	Stable under normal conditions
Hazardous polymerization	Hazardous polymerization will not occur
Conditions to avoid	No information available

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)

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

16. Other information

HMIS

Health Hazards

Flammability

Reactivity

Personal Protection

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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