



SAFETY DATA SHEET

1. Product and company identification

Product Name: Heavy Duty Dish Wash Detergent
UN/ID No: DOT (U.S.): Not Regulated
Recommended use of the chemical and restrictions on use
Recommended Use: Industrial Ultra Concentrated Dish Soap for Commercial and Industrial use
Supplier: ALPHA LION DISTRIBUTORS
710 N. NORTHWOOD AVE., COMPTON CA 90220
Print date: January 16, 2021
Responsible name: Will Kemp
In case of emergency: Spill, leak, Exposure or Incident
CALL INFOTRAC • 24-Hour Number
1(800) 535-5053 or + 1-352-323-3500
Product type: Blend

2. Hazards identification

Appearance: Green	Physical State: Liquid	Odor: Pleasant
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GHS Label Element: This mixture does not meet the GHS criteria for classification

Hazard Statement:

Effects of over-exposure (For each potential route of Exposure)

INHALED: None
SKIN: Mild Skin Irritant.
EYES: Mild Eye Irritant
SWALLOWED: Harmful if swallowed

Precautionary Statements – Preventions:

Keep out of reach of children
Read label before use
Do not breathe mist or vapor. Wash thoroughly after handling.
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 breath dust/fume/gas/mist/vapors/spray
Wear protective gloves/protective clothing/eye protection/face protection

Precautionary Statements – Response:

If medical advice is needed, have product container or label at hand.
Read label before use.
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. Consult a physician immediately
In on skin (or hair): Take off immediately all contaminated clothing. Rinse skin with water/shower. Wash contaminated clothing before reuse.
If inhaled: Remove person to fresh air and keep comfortable for breathing.

If swallowed: Immediately call a poison control center or doctor/physician. Rinse mouth, do NOT induce vomiting. Keep away from children.

Precautionary Statements –Disposal:

Store in a cool, dry, well ventilated area away from heat or flame

Precautionary Statements Disposal:

Dispose of contents/container in accordance with local, state, national, federal and regional regulations

3. Composition/information on ingredients

INGREDIENTS	CAS NUMBER	PERCENTAGE
SODIUM HYDROXIDE	1310-73-2	1-5%

4. First aid measures

Eye contact:	Immediately hold the eyes open and wash with fresh running water. Take care not to rinse contaminated water into non-affected eye. Ensure complete irrigation of the eye by keeping the eyelids apart and away from the eye and moving the eyelids by occasionally lifting the upper and lower lids. Remove contact lenses, if present and easy to remove. Continue rinsing. If symptoms persist, obtain medical attention
Skin contact:	Wash skin thoroughly with plenty of water. Remove contaminated clothing and wash before re-use. If symptoms develop, obtain medical attention.
Inhalation:	Remove from source of exposure. Keep at rest until recovered. If symptoms persist, obtain medical attention.
Ingestion:	Do not induce vomiting. Immediately remove product from the mouth and wash out mouth with plenty of water. If symptoms develop, obtain medical attention.
First Aid Facilities:	An eye wash fountain, safety shower and general washing facility should be available immediately adjacent to the work area.
Note to physician	Treat symptomatically.

5. Fire-fighting measures

Flash point:	Closed Cup:>212 ⁰ F (98.9 ⁰ C) None to boil (Pensdky-Martens) ASTM #D-93 Open Cup: >212 ⁰ F (98.9 ⁰) None to boil (Cleveland) ASTM #D-92
Flammability of the product:	This product is non-flammable. This material may decompose and produce toxic and/or irritating fumes under fire conditions.
Extinguishing media:	
Suitable:	Use appropriate fire extinguisher for surrounding environment.
Special protective equipment for fire-fighters:	Determine the need to evacuate or isolate the area according to your local emergency plan. Use water spray to keep fire exposed containers cool. Self-containing breathing apparatus and protective clothing should be worn in fighting large fires involving chemicals.

6. Accidental release measures

Personal precautions:	Avoid eye contact. Determine whether to evacuate or isolate the area according to your local emergency plan. Caution, spill site may be slippery. Increase ventilation. Evacuate all unprotected personnel. Use full protective clothing and equipment to minimize exposure.
Environmental precautions:	Prevent run off into drains and waterways. If a large quantity of this material enters the environment, contact the relevant regulatory authorities. Dispose of waste according to Federal, E.P.A., State and Local regulations.
Methods and Materials for Containment and Clean Up:	Observe all personal protective equipment recommendations described in this SDS. Contain spill. If leaked material can be pumped, store recovered material in appropriate containers. Clean up remaining materials from spill with suitable absorbent. Dispose of saturated absorbent material or cleaning materials appropriately. Laws and regulations may apply to releases and disposal of this material. You will need to determine which laws and regulations are applicable.

7. Handling and storage

Precautions for Safe Handling: Use a well ventilated area. Avoid breathing in mists or vapor. Avoid skin and eye contact. Do not take internally. Exercise good industrial hygiene practice. Wash after handling, especially before eating, drinking, smoking or using toilet facilities.

Storage Store in a cool, dry well ventilated area, away from heat and out of direct sunlight. Keep away from oxidizing agents, strong acids and foodstuff containers.

8. Exposure controls/personal protection

Occupational exposure limits:
US. ACGIH Threshold Limit Values

Chemical name	ACGIH-TLV	OSHA PEL	NIOSH IDLH
Sodium Hydroxide CAS# 1310-73-2	Ceiling: 2 mg/m ³	TWA: 2 mg/m ³ (vacated) Ceiling: 2 mg/m ³	IDLH: 10 mg/m ³ Ceiling: 2 mg/m ³

Individual-protection measures, such as personal protective equipment:

Eye/Face Protection	No special equipment is usually needed when using small quantities. For bulk handling wear suitable protective glasses or goggles
Skin and Body Protection	The information at hand indicates that this product is not harmful and that normally no special skin protection is necessary. When handling bulk quantities, wear gloves of impervious material.
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
Boiling Point:	212 ⁰ F.
Color	Green
pH	7.0
Specific Gravity:	(H ₂ O=1) 1.02
Percent solid by weight:	10%
Odor	Pleasant Fragrance
Percent volative by weight:	90%
Solubility in water	100%

10. Stability reactivity

Stability	Stable
Hazardous polymerization	Will not occur
Conditions to avoid	Do not mix with other ingredients except water
Materials to avoid	Strong Acids, Strong Oxidizing Agents
Hazardous decomposition Products:	None

11. Toxicological information

Information on likely routes of exposure

Inhalation No adverse effects due to inhalation are expected
Skin contact No adverse effects due to skin contact are expected
Eye contact Direct contact with eyes may cause temporary irritation
Ingestion Expected to be a low ingestion hazard

Symptoms related to the physical, chemical and toxicological characteristics- Direct contact with eyes may cause temporary irritation.

Information on toxicological effects:

Acute toxicity Not available
 Skin corrosion/irritation Prolonged skin contact may cause temporary irritation.
 Serious eye damage/eye irritation Direct contact with eyes may cause temporary irritation
Respiratory or skin sensitization
 Respiratory sensitization Not a respiratory sensitizer
 Skin sensitization This product is not expected to cause skin sensitization
 Germ cell mutagenicity No data available to indicate product or any components present at greater than 0.1% are mutagenic or genotoxic
Carcinogenicity This product is not considered to be a carcinogen by IARC, ACGIH, NTP, or OSHA
IARC Monographs. Overall Evaluation of Carcinogenicity: Not listed
OSHA Specifically Regulated Substances (29 CFR 1910.1001-1050): Not regulated
US. National Toxicology Program (NTP) Report on Carcinogens: Not listed
Reproductive toxicity: This product is not expected to cause reproductive or developmental effects.
 Specific target organs toxicity – single exposure: Not classified
 Specific target organ toxicity – repeated exposure: Not classified
 Aspiration hazard: Not as aspiration hazard

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

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 Cleaning Product Right to Know Act of 2017 (SB 258)

Chemical Name	CAS No.	Function	List(s)
WATER	7732-18-5	WATER	N/A
SODIUM HYDROXIDE	1310-73-2	ALKALINITY SOURCE	20
SODIUM LAURETH SULFATE	9004-82-4	SURFACTANT	N/A
COCAMIDOPROPYL BETAINE	61789-40-0	CLEANING AGENT	N/A
GLYCERINE	56-81-5	CONDITIONER	NA
BENZISOTHIAZOLINONE	2634-33-5	PRESERVATIVE	N/A
GREEN	19381-50-1	COLORANT	N/A

beta-Myrcene (natural source)	123-35-3	FRAGRANCE	1,9
Poly(oxy-1,2-ethanediyl).&a;-(4-nonylphneyl)- .ω-hydroxy-,branched	127087-87- 0	FRAGRANCE	6,22
Coumarin	91-64-5	FRAGRANCE	(FRA)
Limonene	5989-27-5	FRAGRANCE	(FRA)
Linalool	78-70-6	FRAGRANCE	(FRA)

16. Other information

HMIS	Health Hazards	Flammability	Physical Hazards	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