



SAFETY DATA SHEET

1. Product and company identification

Product Name LIQUID LAUNDRY DETERGENT
Product Code C-DL05
UN/ID No. DOT (U.S.): Not regulated

Recommended use of the chemical

Recommended Use Laundry Detergent for Professional and Industrial use

Supplier: HD Chem
707 W. 16th St.
Long Beach, CA 90813
(888) 443-2436

Print date: 04-02-2019

In case of emergency: CHEMTREC (800) 424-9300

Product type: Mixture

2. Hazards identification

Appearance: Blue Physical State: Liquid Odor: Lemon Fragrance

Signal Word: WARNING

Pictogram:



Classification

Serious eye damage/eye irritation

Category 2/2A, H319

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. Symptoms include stinging, tearing, redness, and swelling of eyes. Can injure eye tissue.

Skin contact

May cause skin irritation. Prolonged or repeated contact may dry the skin. Symptoms may include redness, burning, drying and cracking of skin, and skin burns. Passage of this material into the body through the skin is possible, but it is unlikely that this would result in harmful effects during safe handling and use.

Ingestion

Harmful if swallowed. This material can get into the lungs during swallowing or vomiting. This results in lung inflammation and other lung injury.

Inhalation

It is possible to breathe this material under certain conditions of handling and use (for example, during heating, spraying, or stirring). Breathing small amounts of this material during normal handling is not likely to cause harmful effects. Breathing large amounts may be harmful.

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 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 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 CENTER or doctor/physician
IF SWALLOWED: Immediately call a POISON 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 Federal, State and Local Laws.

3. Composition/information on ingredients

There are no additional ingredients present which, within the current knowledge of the supplier and in the concentrations applicable, are classified as hazardous to health or the environment and hence require reporting in this section

4. First aid measures

Eye contact:	Rinse immediately with plenty of water for least 20 minutes while holding eyelids apart. Remove contact lenses if able to do so. Seek immediate medical attention
Skin contact:	Remove contaminated clothing. Wash exposed area with soap and water. If symptoms persist, seek medical attention. Launder clothing before reuse
Inhalation:	If symptoms develop, move individual away from exposure and into fresh air. If symptoms persist, seek medical attention. If breathing is difficult, administer oxygen. Keep person warm and quiet; seek immediate medical attention.
Ingestion:	Seek medical attention. 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.
General advice	Seek medical advice. If breathing has stopped or is labored, give assisted respirations. Supplemental oxygen may be indicated. If the breathing has stopped, trained personnel should begin cardiopulmonary resuscitation immediately.
Most important symptoms/effects – acute and delayed	Repeated and/or prolonged exposure to low concentrations of vapors and/or aerosols may cause; Sore throat, Eye disease. Asthma. Skin disorders and Allergies

5. Fire-fighting measures

Flash Point:	>100°C (212°F)
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Suitable extinguishing media: Water Spray, Alcohol-resistant foam, Carbon dioxide (CO₂), Dry chemical

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

Precautions for fire-fighting Never use welding or cutting torch on or near drum (even empty) because product (even just residue) can ignite explosively. Wear full firefighting turn-out gear (full Bunker gear), and respiratory protection (SCBA). DO NOT direct a solid stream of water for foam into hot, burning pools of liquid since this may cause frothing and increase fire intensity. Frothing can be violent and possibly endanger any firefighter standing too close to the burning liquid. Use water spray to cool fire exposed containers and structures until fire is out if it can be done with minimal risk. Avoid spreading burning liquid with water used for cooling purposes.

Hazardous Combustions Products Carbon oxides

6. Accidental release measures

Personal precautions: Use personal protective equipment as required. Caution Product may be slippery
Environmental precautions: Prevent from entering into soil, ditches, sewers, waterways and/or groundwater. If run-off occurs, notify proper authorities as required that a spill has occurred. See Section 12, Ecological Information. See Section 13, Disposal Considerations, for additional information.

Methods for cleaning up
Small spill: Stop spill at source if safe to do so, dike and contain liquid. Mop up soil and rinse area. Floor may be slippery when wet.

Large spill: Dike and contain liquid/spill and cap leaking container as necessary to prevent further spreading of spilled material. Absorb liquid on vermiculite, floor absorbent or other absorbent material. Wear rubber boots, gloves and appropriate protective clothing. Shut off source of leak if safe to do so. Pick up and transfer to properly labeled container.

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.

Individual-protection measures, such as personal protective equipment

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
Flash Point	>100°C (212°F)
pH	7
Boiling/condensation point	Approx. 212° F
Specific Gravity	0.99
Solubility in water	Complete

10. Stability reactivity

Stability	Stable under normal conditions
Conditions and materials to avoid	Strong oxidizing agents
Hazardous decomposition products:	Carbon oxides

11. Toxicological information

Likely routes of exposure

Effects on Eye: Causes serious eye irritation

Effects on Skin: Causes skin irritation

Inhalation Effects: May cause nose, throat, and lung irritation. Inhalation of vapors and/or aerosols in high concentration may cause irritation of respiratory system

Ingestion Effects: No data available

Symptoms: Repeated and/or prolonged exposure to low concentrations of vapors and/or aerosols may cause: Sore throat. Eye disease, Asthma, Skin disorders and Allergies

Signs and Symptoms of Exposure: Irritation, Redness, Watering Eyes.

Chronic toxicity or effects from long term exposures: No known significant effects or critical hazards

This product contains no listed carcinogens according to IARC, ACGIH, NTP and/or OSHA in concentrations of 0.1 percent or greater.

Mutagenicity: Not mutagenic

12. Ecological information

Ecotoxicity effects

This product may be harmful to the environment and aquatic organisms if released in large quantities. Avoid release into sewers, drains, and waterways. Inform the relevant authorities if the product has caused environmental pollution. Collect spillage.

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 contact 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 (US): Not regulated

Further information

Not classified as dangerous in the meaning of transport regulations. The transportation information is not intended to convey all specific regulatory data relating to this material. For complete transportation information, contact your customer service representative.

15. Regulatory information

California Proposition 65:

This product does not contain any Proposition 65 chemicals

16. Other information

HMIS

Health Hazards
2

Flammability
0

Physical Hazards
0

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