

SAFETY DATA SHEET

1. PRODUCT AND COMPANY IDENTIFICATION

Product Identifier

Lo Suds Liquid Glassware Detergent

Recommended use of the chemical and restrictions on use

Recommended Use: Detergent for cleaning drinking glasses or other glassware

Restrictions on Use: Use only as recommended by the label.

Manufacturer Address:

Bar Maid Corporation
2950 N.W. 22nd Terrace
Pompano Beach, FL 33069
(954) 960-1468

Emergency telephone number Infotrac 1-800-535-5053

2. HAZARDS IDENTIFICATION

Classification

OSHA Regulatory Status

This material is considered hazardous by the OSHA Hazard Communication Standard (29 CFR 1910.1200)

Classification of substance or mixture:

Corrosive to metals
Serious eye damage –Category 1
Skin irritation – Category 2
Acute toxicity – Category 4, Inhalation
Carcinogenicity – Category 2

GHS Label elements, including precautionary statements

Hazard Pictogram (GHS-US):



Signal Word (GHS-US) : **DANGER!**

2. HAZARDS IDENTIFICATION (cont.)

Hazard Statements (GHS-US)

May be corrosive to metals.
Causes skin irritation.
Causes serious eye damage.
Harmful if inhaled.
Suspected of causing cancer.

Precautionary Statements (GHS-US)

Keep only in original container.
Wash exposed skin thoroughly after handling.
Wear eye protection.
Wear protective gloves.
Avoid breathing fumes or mist.
If in eyes, rinse cautiously with water for several minutes Remove contact lenses if present and easy to do so. Continue rinsing
If eye irritation persists: Get medical attention.

Hazards not otherwise classified (HNOC)

No hazards not otherwise classified were identified.

3. COMPOSITION/INFORMATION ON INGREDIENTS

Chemical Characterization: Mixture

Hazardous Ingredients of mixture are listed below:

Chemical name	CAS-No	Weight %
Tetrasodium EDTA	64-02-08	5-15%
Benzene, 1,1'-oxybis, tetrapropylene derivs., sulfonated, sodium salts	119345-04-9	<5%
Sodium hydroxyacetate	2836-32-0	<3%
Sodium Hydroxide	1310-73-2	<1%
Nitrilotriacetate, trisodium salt (NTA)	5064-31-3	<1%

4. FIRST AID MEASURES

Eye Contact

Hold eyes open and rinse slowly and gently with water for 15 to 20 minutes. Remove contact lenses, if present, after the first 5 minutes, then continue rinsing eye. Call a poison control center or doctor for further treatment advice.

Skin Contact

Take off contaminated clothing. Rinse skin immediately with plenty of water for 15-20 minutes. Call a poison control center or doctor for further treatment advice.

Inhalation

Move to fresh air. If person is not breathing, call 911 or an ambulance, then give artificial respiration, preferably mouth-to-mouth if possible. Call a poison control center or doctor for further treatment advice.

Ingestion

Call a poison control center or doctor immediately for treatment advice. Have person sip a glass of water if able to swallow. Do not induce vomiting unless told to do so by a poison control center or doctor. Do not give anything by mouth to an unconscious person.

5. FIRE-FIGHTING MEASURES

Suitable Extinguishing Media	To extinguish any combustible residues, use foam, dry powder, carbon dioxide or water.
Specific Hazards Arising from the substance	Fire Hazard: Not flammable. Dry residues can burn Explosion Hazard: None Reactivity: Thermal decomposition may generate nitrogen oxides, sulfur oxides and carbon monoxide
Protective equipment and precautions for firefighters	Do not enter fire area without protective equipment.

6. ACCIDENTAL RELEASE MEASURES

Personal Precautions	Isolate and post spill area. Wear suitable protective clothing, gloves and eye/face protection. For personal protection see section 8. Spilled material may cause slipping hazard.
Environmental Precautions	Keep material out of lakes, streams, and ponds.
Methods for Containment	Absorb with appropriate inert material such as Oil-Dri, Zorb-all® or Hazorb® and containerize. Rinse affected area thoroughly with water.

7. HANDLING AND STORAGE

Handling:	Wash thoroughly after handling. Wear protective gloves/protective clothing/eye protection/face protection.
Storage	Keep in a dry, cool and well-ventilated place. Keep out of reach of children and animals. Store only in original container. Protect from freezing.
Incompatible products	Do not store in metal containers.

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

Appropriate engineering controls

Engineering measures:	Emergency eye wash fountains should be available.
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Individual protection measures, such as personal protective equipment

Eye/Face Protection	Chemical goggles or safety glasses.
Skin and Body Protection	Suitable protective clothing, avoid any prolonged contact with skin.
Hand Protection	Wear protective gloves,
Respiratory Protection	None necessary under normal use conditions. Room ventilation is adequate.
General information	Do not eat, drink or smoke when using.

9. PHYSICAL AND CHEMICAL PROPERTIES

Information on basic physical and chemical properties

Appearance:	Clear liquid
Physical State	Liquid
Color	Colorless to yellow
Odor	Mild
pH	10.5
Melting point/freezing point	Similar to water
Boiling Point/Range	Similar to water
Flash point	No information available
Evaporation Rate	No information available
Flammability (solid, gas)	Not applicable
Flammability Limit in Air	
Upper flammability limit:	No information available
Lower flammability limit:	No information available
Vapor pressure	Similar to water
Vapor density	No information available
Density	No information available
Specific gravity	1.03
Water solubility	Complete
Solubility in other solvents	No information available
Partition coefficient	No information available
Autoignition temperature	No information available
Decomposition temperature	No information available
Viscosity, kinematic	No information available
Viscosity, dynamic	No information available
Explosive properties	Not explosive
Oxidizing properties	No information available

10. STABILITY AND REACTIVITY

Chemical Stability	Stable
Possibility of Hazardous Reactions	None, under normal storage conditions
Hazardous polymerization	None
Conditions to avoid	Use only according to directions
Incompatible materials	Do not store in metal containers
Hazardous Decomposition Products	None, under normal storage conditions

11. TOXICOLOGICAL INFORMATION

Product Information

Acute Oral Toxicity	Low toxicity if swallowed, may irritate mouth and throat if swallowed.
Acute Dermal Toxicity	Prolonged skin contact unlikely to result in absorption of harmful amount.
Acute Inhalation Toxicity	At room temperature, exposure to vapors are minimal. Prolonged exposure to mist or vapors may cause respiratory irritation.
Serious eye damage/eye irritation	Causes serious eye damage.
Skin corrosion/irritation	No information available
Skin Contact	Prolonged contact with skin may cause irritation and local redness.
Sensitization	No information available

Information on toxicological effects

Symptoms May cause severe eye irritation with corneal injury which may result in permanent impairment of vision.

Delayed and immediate effects as well as chronic effects from short and long-term exposure

Chronic toxicity/Target organs Based on information on components, specific target organ effects from repeated excessive exposures have been reported for kidney and urinary tract. May alter concentrations of metals in the body.

Mutagenicity Based on components, not expected to be mutagenic

Carcinogenicity Large dietary doses of component NTA caused urinary tumors in rats. Little likelihood of cancer risk to humans at low exposures expected. No other components pose cancer risk.

Neurological effects No information available

Reproductive toxicity No information available

Developmental toxicity High doses of EDTA have been reported to cause birth defects at levels that were toxic to the mother, most likely due chelation of metals.

Aspiration hazard No information available

Carcinogenicity Component	List	Classification
Nitritotriacetate, trisodium salt (NTA)	IARC	Group 2B: Possibly carcinogenic to humans

12. ECOLOGICAL INFORMATION

Ecotoxicity Based on components and concentrations, likely of low toxicity to fish and other aquatic life.

Persistence and degradability Based on components, likely not readily biodegradable.

Bioaccumulation Based on components, not likely to bioaccumulate.

Mobility No information available

13. DISPOSAL CONSIDERATIONS

Waste disposal methods: Dispose with rinsate in a safe manner after use into sewer treatment works. Dispose of any unused material in accordance with local, state, or Federal regulations

14. TRANSPORT INFORMATION

Transportation Regulations:

49 CFR (USA): Not regulated as dangerous goods or hazardous material.

IMDG (Vessel): Not regulated as dangerous goods or hazardous material.

IATA (Cargo Air): Not regulated as dangerous goods or hazardous material.

IATA (Passenger Air): Not regulated as dangerous goods or hazardous material.

DOT

UN/ID no	NA
Proper Shipping Name	NA
Hazard class	NA
Packing Group	NA

15. REGULATORY INFORMATION

U.S. Federal Regulations

US Federal TSCA: All components of this product are listed on the TSCA Inventory.

SARA Reportable Quantities (RQ): None of the chemicals in this material have an RQ.

CERCLA/SARA Section 313: No chemicals are reportable under Section 313

US State Regulations

California Proposition 65: No components subject to reporting under Proposition 65

U.S. State Right-to-Know Regulations : Some components listed in Section 2 may be present on hazardous substance state lists from California, Pennsylvania, Minnesota, Massachusetts, Florida, and New Jersey.

Canadian Regulations

Canadian DSL/NDSL:

All components are listed on Canada's DSL List.

WHMIS Hazard Class



16. OTHER INFORMATION

NFPA	Health Hazards 1	Flammability 0	Instability 0	
HMIS	Health Hazards 1	Flammability 0	Physical hazard 0	Personal Protection B

**Indicates a chronic health hazard.*

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Revision note: Initial issue

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Prepared By: J.M.Spagnoli

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End of Safety Data Sheet