

SAFETY DATA SHEET



REVISION DAT: 04/10/2023

REVISION NUMBER: 03

1. IDENTIFICATION

Product name: DISHEX-L

Synonyms: NONE

Recommended use: • Dish washing liquid for machines

Uses advised against: Uses other than those identified are not recommended

Manufacturer Address:

Schevaran Laboratories Pvt. Ltd.

427/B, Hebbal Industrial Area,

Mysuru- 570 016. India.

Phone: 91-0821-4277500 / 4277501

Emergency telephone number: 91-0821- 4277500

2. HAZARDS IDENTIFICATION

Classification for the undiluted product:

OSHA Regulatory Status

This chemical is not considered hazardous by the 2012 OSHA Hazard Communication Standard (29 CFR 1910.122)

Not a dangerous substance or mixture according to the Globally Harmonized System (GHS)

Health hazards not otherwise classified (HHNOC) - Not applicable

Physical hazards not otherwise classified (PHNOC) - Not applicable

3. COMPOSITION/INFORMATION ON INGREDIENTS

Product composition	CAS Number	%
Sodium carbonate	497-19-8	10.0-20.0
Sodium meta silicate	13517-24-3	2.0-3.0
2-hydroxypropane-1,2,3-tricarboxylate	6132-04-3	10.0-12.0

Exact percentage (concentration) of composition has been withheld as a trade secret.

4. FIRST AID MEASURES

Undiluted Product:

- Eyes:** IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing for at least 15 minutes and get medical attention if irritation persists.
- Skin:** IF ON SKIN (or hair): Take off immediately all contaminated clothing. Rinse skin with water for at least 15 minutes. Seek medical attention if irritation persists.
- Inhalation:** IF INHALED: Remove person to fresh air and keep comfortable for breathing.
- Ingestion:** IF SWALLOWED: Rinse mouth. DO NOT induce vomiting unless directed to do so by medical personnel. Drink a plenty of milk or water.

Most Important Symptoms/Effects: None

Immediate medical attention and special treatment needed: Not applicable.

Aggravated Medical Conditions: Persons with pre-existing skin disorders may be more susceptible to irritating effects.

5. FIRE-FIGHTING MEASURES

Specific methods: No special methods required

Suitable extinguishing media: The product is not flammable. Use extinguishing measures that are appropriate to local circumstances and the surrounding environment.

Specific hazards: None known.

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

Extinguishing media which must not be used for safety reasons: None

6. ACCIDENTAL RELEASE MEASURES

Personal precautions: Put on appropriate personal protective equipment (see Section 8.).

Environmental precautions and clean-up methods:

Clean-up methods - large spillage. Soak up with absorbent or by diking with sand. Wash area with water.

SMALL SPILLS: Flush with water.

7. HANDLING AND STORAGE

Precautions for safe handling:

Handling: Avoid prolong contact with skin, eyes and clothing. Wash thoroughly after handling.
FOR COMMERCIAL AND INDUSTRIAL USE ONLY.

Conditions for safe storage, including any incompatibilities:

Storage: Protect from freezing. Keep away from direct sun light. Keep tightly closed in a dry, cool and well-ventilated place. KEEP OUT OF REACH OF CHILDREN.

Aerosol Level (if applicable): Not applicable

Incompatible materials: Do not mix with acidic materials.

8. EXPOSURE CONTROLS / PERSONAL PROTECTION

Exposure Guidelines: This product, as supplied, does not contain any hazardous materials with occupational exposure limits established by the region specific regulatory bodies.

Engineering measures to reduce exposure:

No special ventilation requirements General room ventilation is adequate

Personal Protective Equipment

Eye protection: Chemical-splash goggles.

Hand protection: Chemical-resistant gloves.

Skin and body protection: No special requirements under normal use conditions.

Respiratory protection: No special requirements under normal use conditions. If mist or vapors in air exceed exposure limit, use NIOSH approved organic vapor respirator.

Hygiene measures: Handle in accordance with good industrial hygiene and safety practice

9. PHYSICAL AND CHEMICAL PROPERTIES:

Physical State:	Liquid
Color:	Colorless clear liquid
Evaporation Rate:	No information available
Odor:	Odorless
Odor threshold:	No information available
Boiling point/range:	Not determined
pH@25°C:	12.0-14.0
Specific gravity @25°C:	1.20-1.25 g/ml
Viscosity @25°C:	Not applicable
Metal Corrosion:	Not determined
Chemical type:	Mixed

10. STABILITY AND REACTIVITY:

Reactivity:	Not Applicable
Stability:	The product is stable under recommended storage conditions
Hazardous decomposition products:	Not determined
Materials to avoid:	Do not mix with acidic materials.
Conditions to avoid:	Do not freeze. Extreme of temperature and direct sunlight

11. TOXICOLOGICAL INFORMATION

Information on likely routes of exposure:

Eye contact, Skin contact, Inhalation, Ingestion

Delayed, immediate, or chronic effects and symptoms from short and long-term exposure:

Skin contact: No data available

Eye contact: May cause slight irritation

Ingestion: No data available

Inhalation: No data available.

Sensitization: No known effects.

12. ECOLOGICAL INFORMATION

Eco toxicity: No information available.

Persistence and Degradability: No information available.

Bioaccumulation: No information available.

Other adverse effects No information available

13. DISPOSAL CONSIDERATIONS

Waste from residues / unused products:

Dispose waste according to local, state and country's regulations

Contaminated Packaging: Do not re-use empty containers.

14. TRANSPORT INFORMATION

Not classified as dangerous for transport. Not restricted by Air transport ICAO-TI, IATA-DGR, IMDG

15. REGULATORY INFORMATION

International Inventories:

TSCA	Complies
DSL/NDSL	Complies
EINECS/ELINCS	Does not comply
ENCS	Complies
IECSC	Complies
KECL	Complies
PICCS	Complies
AICS	Complies

Legend:

TSCA - United States Toxic Substances Control Act Section 8(b) Inventory

DSL/NDSL - Canadian Domestic Substances List/Non-Domestic Substances List

EINECS/ELINCS - European Inventory of Existing Chemical Substances/European List of Notified Chemical Substances

ENCS - Japan Existing and New Chemical Substances

IECSC - China Inventory of Existing Chemical Substances

KECL - Korean Existing and Evaluated Chemical Substances

PICCS - Philippines Inventory of Chemicals and Chemical Substances

AICS - Australian Inventory of Chemical Substances

None of the ingredients used in the formulations are listed as hazardous and carcinogens under the OSHA, NTP and IARC lists.

16. OTHER INFORMATION

NEPA

Health: 2
Flammability: 0
Reactivity: 0

HMIS

Health hazards: 2
Flammability: 0
Physical hazards: 0
Personal protection: C

Version Number: 03

Preparation date: 04/10/2023

Reason for revision: Not applicable

Notice to Reader: This document has been prepared using data from sources considered technically reliable. It does not constitute a warranty, express or implied, as to the accuracy of the information contained within. Actual conditions of use and handling are beyond seller's control. User is responsible to evaluate all available information when using product for any particular use and to comply with all Federal, State, Provincial and Local laws and regulations.

END OF MSDS