

ECOENSO TECHNOLOGIES PVT LTD

Safety Data Sheet Glass & Hard Surface Cleaner Concentrate

SECTION 1: Identification

1.1 Product identifier

Product name	DISHWASH LIQUID
Product number	ECO.H3
Brand	ECOVIA

1.4 Supplier's details

Name	ECOENSO TECHNOLOGIES PVT LTD
Address	Harwanshpura, Jaisinghpura Road, Bhankrota, Jaipur, 302026 Rajasthan
Telephone	+91-6378796753
email	care@ecovia.com

SECTION 2: Hazard identification

2.1

Classification for the undiluted product:

OSHA Regulatory Status

This chemical is not considered hazardous by the 2012 OSHA Hazard Communication Standard (29 CFR1910.122)

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

2.3 Other hazards which do not result in classification

SECTION 3: Composition/information on ingredients

Specific chemical identity and/or exact percentage (concentration) of composition has been withheld as a trade secret.

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3.2 Mixtures

1. Proprietary Coconut Surfactant Blend

Concentration 2%-35 %

CAS no. 58846-77-8

2. Soy Methyl Ester

Concentration 1% - 10%

CAS no. 61789-40-0

3. Sodium Citrate

Concentration < 2%

CAS No. 6132-04-03

4. Proprietary blend of bio enzymes and probiotics

Concentration < 5%

5. Citric Acid

Concentration < 4 %

6. Lauryl Glucoside

Concentration 1% - 8 %

CAS no. 61789-40-0

7. Lactic Acid

Concentration < %5

CAS no. 50-21-5

8. Sodium Gluconate

Concentration < 2%

CAS No. 527-07-1

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SECTION 4: First-aid measures

4.1 Description of necessary first-aid measures

General advice	Consult a physician. Show this safety data sheet to the doctor in attendance.
In case of skin contact	Rinse with plenty of water. Get medical attention if irritation develops and persists.
In case of inhalation: In case of eye contact	Remove person to fresh air and keep comfortable for breathing. Rinse thoroughly with plenty of water for at least 15 minutes. Get medical attention if symptoms occur.
If swallowed	Do NOT induce vomiting. Never give anything by mouth to an unconscious person. Rinse mouth with water. Consult a physician.

SECTION 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

SECTION 6: Accidental release measures

6.1 Personal precautions, protective equipment and emergency procedures

Avoid contact with skin, eyes and clothing to the product concentrate from damaged or leaking packets.

Put on appropriate personal protective equipment (see section 8).

6.2 Environmental precautions

Prevent further leakage or spillage if safe to do so. Perform clean up of the spillage site

6.3 Methods and materials for containment and cleaning up

LARGE SPILLS: Contain and absorb with absorbent material and place into containers for later disposal. Wash site of spillage thoroughly with water.

SMALL SPILLS: Flush with water

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SECTION 7: Handling and storage

7.1 Precautions for safe handling

The intact sachets can be handled without the need for personal protective equipment while ensuring that care is taken when handling to avoid damage, leakage or spillage. In the event of potential exposure to the concentrate product the following precautions are applicable.

Avoid contact with skin, eyes and clothing.

Put on appropriate personal protective equipment (see section 8). Eating, drinking and smoking should be prohibited in areas where this material is handled, stored and processed. Workers should wash hands and face before eating, drinking and smoking.

Do not get in eyes or on skin or clothing. Do not ingest. Avoid breathing vapour or mist. Avoid release to the environment. Keep in the original container or an approved alternative made from a compatible material, kept tightly closed when not in use.

7.2 Conditions for safe storage, including any incompatibilities

Keep container tightly closed in a dry and well-ventilated place.

SECTION 8: Exposure controls/personal protection

8.2 Appropriate engineering controls

The following applies to exposure to the concentrate. The sachets may be handled in accordance with Section 7.

8.3 Individual protection measures, such as personal protective equipment (PPE)

Diluted Product:

Engineering measures to reduce exposure: Good general ventilation should be sufficient to control airborne levels

Personal Protective Equipment Eye protection: No personal protective equipment required under normal use conditions.

Hand protection: No personal protective equipment required under normal use conditions.

Skin and body protection: No personal protective equipment required under normal use conditions.

Respiratory protection: No personal protective equipment required under normal use conditions.

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

Environmental exposure controls

Prevent further leakage or spillage if safe to do so. Do not let product enter drains.

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SECTION 9: Physical and chemical properties

Information on basic physical and chemical properties

Appearance/form	Clear yellow, Liquid
Odor	Orange-Lime Fragrance
Odor threshold	Not Measured
pH	8.0 ± 1.0
Melting point/freezing point	No Data Available
Initial boiling point and boiling range	100C
Flash point	None to Boiling
Evaporation rate	No Data Available
Flammability (solid, gas)	No Data Available
Upper/lower flammability limits	No Data Available
Upper/lower explosive limits	No Data Available
Vapor pressure	No Data Available
Vapor density	No Data Available
Relative density	1.0
Solubility(ies)	Complete in Water
Partition coefficient: n-octanol/water	No Data Available
Auto-ignition temperature	No Data Available
Decomposition temperature	No Data Available
Viscosity	No Data Available
Explosive properties	
Oxidizing properties	

Other safety information

*pH listed above is at concentrate levels

**pH when used at recommended dilution level is 7.8 ± 1.0

SECTION 10: Stability and reactivity

10.1 Reactivity

None under normal use conditions.

10.2 Chemical stability

Stable under recommended storage conditions.

10.3 Possibility of hazardous reactions

None under normal use conditions.

10.4 Conditions to avoid

Avoid storing in direct sunlight and avoid extremes of temperature.

10.5 Incompatible materials

Avoid strong bases, acids and strong oxidizing or reducing agents.

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SECTION 11: Toxicological information

Information on toxicological effects

Acute toxicity

Based on the available data on component substances, the classification criteria are not met.

Skin corrosion/irritation

Based on the available data on component substances, the classification criteria are not met.

Serious eye damage/irritation

Based on the available data on component substances, the classification criteria are not met.

Respiratory or skin sensitization

Based on the available data on component substances, the classification criteria are not met.

Germ cell mutagenicity

Based on the available data on component substances, the classification criteria are not met.

Carcinogenicity

Based on the available data on component substances, the classification criteria are not met.

Reproductive toxicity

Based on the available data on component substances, the classification criteria are not met.

STOT-single exposure

Based on the available data on component substances, the classification criteria are not met.

STOT-repeated exposure

Based on the available data on component substances, the classification criteria are not met.

SECTION 12: Ecological information

Toxicity

The product is not classified as dangerous for the environment.

Persistence and degradability

No information available.

Bioaccumulative potential

No information available.

Mobility in soil

No information available.

SECTION 13: Disposal considerations

Disposal of the product

Dispose of contents/ container in accordance with the local/regional/national/international regulations. Industry Setting: Products covered by this SDS, in their original form, when disposed as waste, are considered nonhazardous waste. Disposal should be in accordance with local, state and federal regulations. Solutions of diluted detergent in the course of use, may be allowed to be flushed down sewer. First check with your local water treatment plant. Recycling is undiluted scrap product. Do not landfill

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SECTION 14: Transport information

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

SECTION 15: Regulatory information

15.1 Safety, health and environmental regulations specific for the product in question

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

SECTION 16: Other information

16.1 Further information/disclaimer

DISCLAIMER: The information above is believed to be accurate and represents the best information currently available to us. However, we make no warranty of merchantability or any other warranty, express or implied, with respect to such information, and we assume no liability resulting from its use. Users should make their own investigation to determine the suitability of information for their particular purposes. In no event shall EcoEnso Technologies Pvt Ltd, be liable for any claims, losses, or damages of any third party or for lost profits or any special, indirect, incidental, consequential or exemplary damages, whatsoever arising.

END OF MSDS