



ECOREV DISHWASH LIQUID

SECTION 1: IDENTIFICATION OF THE PRODUCT AND MANUFACTURER

Product Name: Ecorev Dish Wash Gel

Substance or mixture and uses advised against Identified uses: Manual Dishwashing Detergent Liquid
Hand Dishwashing Detergent

Uses advised against: This product is intended to be diluted prior to use.

Manufacturer Details: Technico Innovative Products Private Limited
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SECTION 2: HAZARDS IDENTIFICATION

Classification of the substance or mixture

The product has been classified and labelled in accordance with Regulation (EC) No

1272/2008. Eye Irrit. 2 (H319)

Hazard Statements: None required.

Precautionary Statements: None required.

Inhalation	product is unlikely to cause health effects.
Ingestion	May cause irritation of gastrointestinal tract.
Skin	No Effect.
Eye	When diluted at use dilutions, product is unlikely to cause health effects. Seek medical attention.
Chronic Effects	Chronic effects are unlikely to occur.
Other hazards	No other hazards known. The product does not meet the criteria for PBT or vPvB in accordance with Regulation (EC) No 1907/2006

SECTION 3: COMPOSITION/INFORMATION ON INGREDIENTS

Mixtures:

Ingredient(s)	CAS #	Weight %
Alpha Olefin Surfactant	68439-57-6	3 - 7%
Sodium Laureth Sulphate	9004-82-4	1 - 5%
Citric Acid	77-92-9	0.5 - 1.5%
Anionic Surfactant	68411-30-3	1 - 5%
Ethylenediaminetetraacetic acid	60-00-4	1 - 5%
Glycerin	56-81-5	1 - 5%
Lauryl Amine Oxide	1643-20-5	1 - 5%
CDEA	68603-42-9	1 - 5%
DI/ DM Water	7732-18-5	Balance

****Exact percentages are being withheld as trade secret information**

SECTION 4: FIRST AID MEASURES

Description of first aid measures:

Inhalation	If uneasy, remove to fresh air. If required seek medical attention.
Ingestion	Immediately rinse mouth with water. Do NOT induce vomiting. Slowly give water to drink. Seek medical attention.
Skin	If irritation occurs, remove all contaminated clothing and wash affected area with plenty of water. Seek medical attention if symptoms persist.
Eye	Hold eyes open and flood with running water for at least 15 minutes, bathe eyes with soothing eye drops or sterile saline, seek immediate medical attention.
First Aid Facilities	Eye wash station and normal washroom facilities.

SECTION 5: FIREFIGHTING MEASURES

Extinguishing media

Carbon dioxide. Dry powder. Water spray jet. Fight larger fires with water spray jet or alcohol-resistant foam.

Special hazards arising from the substance or mixture
No special hazards known.

Advice for firefighters

As in any fire, wear self contained breathing apparatus and suitable protective clothing including gloves and eye/face protect.

SECTION 6: ACCIDENTAL RELEASE MEASURES

Personal Precautions

Protective equipment and emergency procedures: Wear eye/face protection.

Environmental precautions:

Do not allow to enter drainage system, surface or ground water. Do not allow to enter the ground/soil. Dilute with plenty of water. Inform responsible authorities in case undiluted product reaches drainage system, surface or ground water or the ground/soil.

Methods and material for containment and cleaning up:

Absorb with liquid-binding material (sand, diatomite, universal binders, sawdust).

SECTION 7: HANDLING AND STORAGE

Precautions for safe handling

Measures to prevent fire and explosions

No special precautions required.

Advices on general occupational hygiene

Handle in accordance with good industrial hygiene and safety practice. Keep away from food, drink and animal feeding stuffs. Wash hands before breaks and at the end of workday. Wash face, hands and any exposed skin thoroughly after handling. Take off immediately all contaminated clothing. Wash contaminated clothing before reuse. Use personal protective equipment as required. Avoid contact with eyes. Use only with adequate ventilation. Do not mix with bleach or any other product or chemical. Can react to release chlorine gas. FOR COMMERCIAL AND INDUSTRIAL USE ONLY.

Conditions for safe storage, including any incompatibilities

Store in accordance with local and national regulations. Keep only in original container. Store in a closed container.

SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION

Engineering measures to reduce exposure

Good general ventilation should be sufficient to control airborne levels.

Personal Protective Equipment

It is the responsibility of the employer to determine the potential risk of exposure to hazardous chemicals for employees in the workplace in order to determine the necessity, selection, and use of personal protective equipment.

Eye protection:	Chemical-splash goggles.
Hand protection:	Chemical-resistant gloves.
Skin and body protection:	Protective footwear. Wear suitable protective clothing.
Respiratory protection:	In case of insufficient ventilation wear suitable respiratory equipment.
Hygiene measures:	Handle in accordance with good industrial hygiene and safety practice.

SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

Information on basic physical and chemical properties

Physical State: Liquid gel	Color: Light Yellow
Evaporation Rate: No information available	Odor: L e m o n / Citrus
Auto ignition temperature: No information available	Solubility: Completely Soluble
Solubility in other solvents: No information available	Relative Density (relative to water): 1.03
Density: 1.03 Kg/L	Vapor density: No information available
Bulk density: No information available	Vapor pressure: No information available.
Flash point (°F): > 200 °F > 93 °C	Viscosity: No information available
Elemental Phosphorus: 0 % by wt.	VOC: 0.5 %
pH: 6-7	

SECTION 10: STABILITY AND REACTIVITY

Reactivity	Not Applicable
Stability	The product is stable
Hazardous decomposition products	None reasonably foreseeable.
Materials to avoid	Oxidizing agents. Anionic surfactant. Do not mix with chlorinated
Conditions to avoid	No information available.

SECTION 11: TOXICOLOGICAL INFORMATION

Toxicology Information	No adverse health effects expected if the product is handled in accordance with this MSDS and the product label.
Acute Toxicity	We have not carried out any animal testing for this product. Any ATE figures quoted below are

from toxicity classification that have been carried out using ATE (acute toxicity estimate) calculation method using LD50 or ATE figures provide by the raw material manufacturer other health effects - low oral toxicity but ingestion may cause irritation of the gastro intestinal tract.

SECTION 12: ECOLOGICAL INFORMATION

Ecotoxicity	In high concentrations, product is toxic to aquatic life.
Persistence/Degradability	Readily biodegradable.
Bioaccumulation	No information available.
Mobility	Product is readily dissolved and transported in water.

SECTION 13: DISPOSAL CONSIDERATIONS

Waste Disposal	Refer to Land Waste Management Authority in your State.
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SECTION 14: TRANSPORT INFORMATION

The shipper/consignor/sender is responsible to ensure that the packaging, labeling, and markings are in compliance with the selected mode of transport.

Proper Shipping Name: Dishwashing Soap, Liquid

Land transport (DOT)	Not dangerous goods
Sea transport (IMDG/IMO)	Not dangerous goods

The product has been classified, labelled and packaged in accordance with the requirements of ADR and the provisions of the IMDG Code. Transport regulations include special provisions for certain classes of dangerous goods packed in limited quantities.

SECTION 15: REGULATORY INFORMATION

Safety, health and environmental regulations/legislation specific for the substance or mixture

Authorizations' or restrictions (Regulation (EC) No 1907/2006, Title VII respectively Title VIII): Not applicable.
Chemical safety assessment: A chemical safety assessment has not been carried out on the mixture

SECTION 16: OTHER INFORMATION

The information in this document is based on our best present knowledge. However, it does not constitute a guarantee for any specific product features and does not establish a legally binding contract. We cannot accept liability for any loss, injury or damage which may result from its use. This information doesn't constitute an assessment of risk as required by any specific health & safety legislations. Data given in this Material Safety Data Sheet are solely for guidance in safe handling and use of the product(s) by customers; they do not form part of any specification. Before Using any product read its label.

Abbreviations and acronyms

- AISE - The international Association for Soaps, Detergents and Maintenance Products
- DNEL - Derived No Effect Limit
- EUH - CLP Specific hazard statement
- PBT - Persistent, Bioaccumulative and Toxic
- PNEC - Predicted No Effect Concentration
- REACH number - REACH registration number, without supplier specific part
- vPvB - very Persistent and very Bioaccumulative
- ATE - Acute Toxicity Estimate

End of Material Safety Data Sheet