

**Product name : CleanKraft Dishwash**

Version 1.0

MSDS Number : SDSCKD-001

Print date : 01-Mar-2016

**1. PRODUCT AND COMPANY IDENTIFICATION****Product information**

Trade name : Clean Kraft Dishwash  
 Use of the product : Dishwash  
 Company : Innochem Labs (India) Private Limited  
 Plot A 15, Road no. 9, IDA Nacharam,  
 Hyderabad, Telangana 500 076.  
 Emergency telephone : + 91-40-65551717, +91-7032150008

**2. HAZARDS IDENTIFICATION**

**Eye Contact** May cause irritation to the eyes.

**Skin Contact** May cause irritation to the skin with prolonged contact.

**Ingestion** May cause irritation to the gastrointestinal tract.

**Environmental Hazard** See section 12 for additional ecological Information.

**3. COMPOSITION/INFORMATION ON INGREDIENTS**

Chemical Name	CAS-No.	Weight %
Anionic surfactant	9004-82-4	< 10%
Sodium dodecylbenzene sulfonate	27176-87-0	5-10%
Sodium hydroxide	1310-73-2	< 5
Cocamidopropyl Betaine	61789-40-0	< 5
Polyoxyalkylenes	70879-51-5	< 1%
Tetrasodium EDTA	10378-23-1	< 2
Other ingredients classified as non hazardous according to NOHSC		to 100

**4. FIRST AIDS AND MEASURES**

Eye Contact	In case of contact with eyes, remove contacts if needed, immediately wash eyes with a large amount of water. Seek immediate medical attention if irritation occurs and persists.
Skin Contact	Wash off skin with soap and water. If irritation occurs and persists, contact a doctor.
Inhalation	If inhaled, remove affected person to fresh air. If breathing difficulties are experienced, seek medical attention.
Ingestion	Give 2 glasses of water to drink. Contact a doctor or a Poisons

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Information Centre.	
<b>Advice to doctor:</b> Treat symptomatically.	
<b>5. FIRE-FIGHTING MEASURES</b>	
Specific Dangers:	None
Flammability:	Not flammable.
Extinguisher Type:	Water, Foam, carbon dioxide.
Specific methods:	Standard procedure for chemical fires.
<b>6. ACCIDENTAL RELEASE MEASURES</b>	
Emergency & Evacuation Procedures: Ensure adequate ventilation. Slippery if spilt.	
Minor Spills:	Soak up with absorbent material and dispose of in an appropriate waste container. Rinse surface with water to remove any residue.
Major Spills:	Contain spilt product and collect with a suitable absorbent such as vermiculite. Shovel material into appropriately labelled containers for disposal. Should be diked, contained and collected for later disposal according to local, provincial, state or federal regulations. Do not allow product to enter waterways.
<b>7. HANDLING AND STORAGE</b>	
The information in this section contains generic advice and guidance. The list of identified Uses in Section 1 should be consulted for any available information provided in the Exposure scenarios(s).	
Handling:	Ensure adequate ventilation.
Safe handling advice:	Avoid all direct contact with the product, wear suitable eye/face and skin protection. Do not get in eyes or on skin or clothing. Do not ingest. Avoid breathing vapor or mist. Keep in the original container or an approved alternative made from a compatible material, kept tightly closed when not in use.
Storage:	Keep container tightly closed. Store in original container or an approved alternative made from a compatible material in areas inaccessible to small children and pets.
<b>8. EXPOSURE CONTROLS/PERSONAL PROTECTION</b>	
<b>Exposure Standards:</b> Exposure Standards <sup>1</sup> have been set for the following ingredients:	

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Ingredient	CAS No.	TWA		STEL		Carcinogen Category	Notices
		mg/m <sup>3</sup>	ppm	mg/m <sup>3</sup>	ppm		
Sodium hydroxide	1310-73-2	2	-	peak limitation		-	-

TWA = Time Weighted Average

STEL= Short Term Exposure Limit

<sup>1</sup> Worksafe Australia Exposure Standards for Atmospheric Contaminants in the Occupational Environment [NOHSC:1003 1995]]**Acute toxicity of Cocamidopropyl betaine**

LD50 oral in rat in &gt;2000 mg/KG

**Engineering Controls**

For occupational exposures, ensure adequate ventilation.

**Personal Protective Equipment****Respiratory protection:**

No personal respiratory protective equipment normally required. Use in a well-ventilated area. Emergency responders should wear self-contained breathing apparatus to avoid inhalation of vapours generated by this product during a spill or other clean-up operations.

**Hand protection:**

Avoid contact with the skin. Wear suitable gloves, read label instructions carefully. Emergency responders should wear impermeable gloves.

**Skin and body protection:**

In case of continuous exposure or occupational operations, wear lightweight protective clothing. Chemical resistant apron. When handling bulk quantities, wear suitable gloves, safety glasses and protective clothing.

**Eye protection:**

Corrosive to eyes. Avoid contact with eyes. Wear eye / face protection. Emergency responders should wear full eye and face protection.

**Hygiene measures:**

Avoid contact with skin, eyes and clothing. Wash hands with soap and water after handling.

**9. PHYSICAL AND CHEMICAL PROPERTIES****Physical State**

Liquid.

**Appearance**

Clear, viscous liquid.

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<b>Colour</b>	Golden Yellow
<b>Odour</b>	Slight lemonish.
<b>pH</b>	6.5-8.0 (1% solution) at 30°C
<b>Vapour Pressure</b>	Not determined
<b>Specific Gravity</b>	1.000 – 1.100
<b>Flashpoint</b>	Not flammable
<b>Viscosity</b>	600-800 centipoise at 27°C
<b>Solubility</b>	Completely soluble in water.
<u>Explosion limits:</u>	
- Upper:	No data available
- Lower:	No data available
<b>10. STABILITY AND REACTIVITY</b>	
<b>Stability</b>	Stable under recommended storage conditions.
<b>Polymerization:</b>	Hazardous polymerization doesnot occur.
<b>Hazardous Decomposition Products:</b>	Products may include oxides of carbon and unknown organic compounds.
<b>Conditions to avoid:</b>	Store away from excessive heat and moisture.
<b>11. TOXICOLOGICAL INFORMATION</b>	
<u>Product Information</u>	
LC50/inhalation/4h/rat	No information available.
LD50/dermal/rabbit	No information available.
LD50/oral/rat	No information available.
<u>Component Toxicity</u>	
The hazard identifications in Section 2 were derived from the known effects of the individual ingredients and their concentrations in the product.	

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### **Summary of Product Toxicity Effects**

#### **Acute Effect(s)**

**Skin irritation:** May cause irritation to the skin with prolonged/repeated contact.

**Eye irritation:** May cause irritation to the eyes.

**Inhalation:** Not likely to be a route of exposure.

**Ingestion:** May cause irritation to the gastrointestinal tract.

**Chronic toxicity:** The chronic toxicity of this product has not been determined.

#### **Specific effects**

**Carcinogenic effects:** Not listed as carcinogenic by OSHA, NTP or IARC.

**Mutagenic effects:** No information available.

**Reproductive effects:** No information available.

**Target organ effects:** No information available.

Information is based on data on the components and the toxicology of similar products.

### **12. ECOLOGICAL INFORMATION**

**Product Ecotoxicity:** The ecotoxicity of this product has not been determined.

**Component Ecotoxicity:** Not an environmental hazard.

<b>Ingredient</b>	<b>Species</b>	<b>Analysis</b>	<b>Result</b>
Cocamidopropyl betaine	Fish	LC50	1-10 mg/L
	Bacteria	EC50	>1000 mg/L

**Additional Ecological Information:** Bulk quantities, if spilled, should be handled as per local regulations. Control and clean up all exterior spills and prevent liquid from entering any streams, rivers, lakes and all other bodies of water.

### **13. DISPOSAL CONSIDERATIONS**

**Waste from residues/ unused products:** Packaging to be recycled only if emptied completely. Empty liquid container can be discarded in the trash or recycled where appropriate.

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<b>Contaminated packaging:</b>	Packaging and container to be recycled only if emptied completely.
<b>Waste Disposal:</b>	Wear appropriate personal protective equipment when cleaning or handling waste material. Small quantities of waste liquid may be discharged into a sanitary sewer. Discard any absorbed material in trash collection. Rinse empty container thoroughly and discard in trash or recycle. Large quantities of waste liquid: Contain and collect for evaluation and disposal according to local, state. Provincial and federal regulations.
<b>14. TRANSPORT INFORMATION</b>	
<b>Road Transport Regulations (ADG)</b>	
UN number:	None allocated
Proper shipping name:	None allocated
DG class:	Not a DG
Subsidiary risk:	None allocated
Packing group:	None allocated
Hazchem code:	None allocated
<b>Maritime Transport Regulations (IMDG)</b>	
UN number:	None allocated
Proper shipping name:	None allocated
DG class:	Not a DG
Subsidiary risk:	None allocated
Packing group:	None allocated
Marine Pollutant:	Not a Marine Pollutant
<b>Air Transport Regulations (IATA)</b>	
UN number:	None allocated
Proper shipping name:	None allocated
DG class:	Not a DG
Subsidiary risk:	None allocated
Packing group:	None allocated
<b>15. REGULATORY INFORMATION</b>	
<b>Regulatory Status</b>	Not applicable.
<b>Hazardous Substances Regulation</b>	Not hazardous

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<b>Risk Phrase(s)</b>	None
<b>Environmental Risk Phrase</b>	None
<b>Safety Phrase(s)</b>	Not applicable
<b>16. OTHER INFORMATION</b>	
<b>India:</b> <b>Regulatory, Safety &amp; Environmental Services</b>	
Within India Ph: 91-40-65551717, 91-7032150008	
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