

Safety Data Sheet

Section 1: Product and Company Identification

Product Name: **CADIA DISH DETERGENT FREE AND CLEAR**

Product Use: Plant derived Dish Washing Liquid

Details of Manufacturer

V.I.P. Soap Products Ltd
32859 Mission Way
Mission BC V2V 6E4
Canada

Phone: 1-604-820-8665
FAX 1-604-820-8804
Date of Preparation: June 2018
Revision date: July 2021

Emergency Phone Numbers

Canada – CANUTEC 1-613-996-6666 OR *666 Cell Phone
USA or CANADA: Call CHEMTREC 1-800-424-9300

Section 2: Hazards Identification



Eye Irritant
Minor Skin Irritant

Section 3: Hazardous Ingredients

| INGREDIENT | LD ₅₀ | LC ₅₀ | CAS# | RANGE % |
|---------------------------|------------------|------------------|------------|---------|
| Sodium Lauryl Sulfate | 1200 mg/kg | No Data | 151-21-3 | 1 - 10 |
| Lauryl Alcohol Ethoxylate | >2000 mg/kg | No Data | 68551-12-2 | 1 - 15 |
| Alkylpolyglucoside | >2000 mg/kg | No Data | 68515-73-1 | 1 - 10 |
| Cocamidopropyl Betaine | 2335 mg/kg | No Data | 61789-40-0 | 1 - 10 |

Section 4: First Aid Measures

Ingestion:

If swallowed give plenty of clean water to drink. Do not induce vomiting. Obtain Medical Advice.

Eye Contact:

In case of contact with eyes, flush with clean warm water for fifteen minutes.

Skin Contact:

Wash with plenty of water. If irritation persists, get medical attention and make this MSDS available.

Section 5: Fire Fighting Measures

| | |
|----------------------------------|--|
| Flash Point °C | None |
| Extinguishing Media | Will not burn or support combustion. Use appropriate |
| Special Fire Fighting Procedure | None |
| Unusual Fire or Explosion Hazard | None |
| Flammable Limits | None |
| Auto Ignition Temperature | None |
| Conditions of Flammability | None |
| Suitable Extinguishing Media | Water Spray, Foam, Carbon dioxide. |

CADIA DISH DETERGENT FREE AND CLEAR

Section 6: Accidental Release Measures

Contain accidental spill and prevent access to storm water drains or surface water run-off.
Spilled material collected for re-used where feasible.
Containerize unusable material for recovery or disposal according to local disposal regulations

Section 7: Handling and Storage

Store in original containers
Follow use directions given on the label

Section 8: Exposure Controls – Personal Protection

Personal Protective Equipment

No specific personal protection is required.
Use gloves if sensitive to dishwashing liquid

Section 9: Physical and Chemical Properties

| | | | |
|------------------------------|------------------|----------------------------|------------------|
| Physical State | Liquid | Appearance | Clear liquid |
| Odor | No specific odor | Odor Threshold | Not apply |
| pH | 5 – 6 | Specific Gravity | 1.01 – 1.03 g/ml |
| Solubility in Water | Soluble | Freezing/Melting °C | 0°C |
| Flash Point | Not apply | Vapor Pressure | No Data |
| Boiling Point | 100 °C | Evaporation Rate | Similar to water |
| Lower Flammability | None | Upper Flammability | Not apply |
| Auto- Ignition Temp | None | Decomposition temp | Not apply |
| Viscosity @20°C | 400 – 900 cP | Vapor Density | No Data |
| Partition Coefficient | >1 | | |

Section 10: Stability and Reactivity

| | |
|-------------------------------------|--|
| Reactivity | Product is stable |
| Chemical Stability | Product is stable |
| Possible Hazardous Reactions | None |
| Conditions to Avoid | None specific |
| Incompatibilities | None specific |
| Decomposition | Will not decompose under normal conditions |

Section 11: Toxicological Information

Routes of Exposure

Symptoms Summary

Acute toxicity: **Sodium lauryl sulfate** appears to be safe in formulations designed for discontinuous, brief use followed by thorough rinsing from the surface of the skin. Source: J Am Coll Toxicol Vol:2, 7 (1983) pp 127-81

Lauryl Alcohol Ethoxylate It is concluded that this Ethoxylate is typical of the more widely used alcohol Ethoxylates with alkyl chains in the C12-18 range, being moderately acutely toxic by the oral route. By the dermal route - the relevant route of human exposure - it is not expected to produce skin irritation or systemic or reproductive toxicity at concentrations used in formulated cleaning products. PMID: 15523915 PubMed - indexed for MEDLINE; Soap, Perfumery & Cosmetics. Vol. 38, Pg. 47, 1965.

Alkylpolyglucoside: Clinical tests of products containing alkyl glucoside ingredients have found that the products were not dermal irritants or sensitizers. According to the general provisions of the Cosmetics Regulation of the European Union.

Cocamidopropyl Betaine: This product is not considered to be a carcinogen by IARC, ACGIH, NTP, or OSHA. This product is not expected to cause reproductive or developmental effects and any skin sensitization. It is nontoxic. Slightly hazardous in

CADIA DISH DETERGENT FREE AND CLEAR

case of skin contact (irritant), of ingestion, of inhalation. Occupational allergic contact dermatitis caused by Cocamidopropyl betaine-related compounds is relatively rare.

| | |
|--|--|
| Skin Contact | No problems reported |
| Skin Absorption | Unlikely |
| Eye Contact | May cause irritation or redness |
| Inhalation Acute | Unlikely |
| Inhalation Chronic | Unlikely |
| Ingestion | Unlikely |
| Irritancy | See Acute Toxicity data |
| Effects of Acute Exposure | Repeated frequent contact may dry the skin |
| Effects of Chronic Exposure | None reported |
| Carcinogenicity | None reported |
| Reproductive Toxicity | None reported |
| Teratogenicity | None reported |
| Mutagenicity | None reported |
| Name of Toxicological Synergistic Product: | None |

Section 12: Ecological Information

General Ecological information:

Lauryl Alcohol Ethoxylate products starting from natural source are very quickly and easily degradable with degradability over 90% according to OECD test.

Sodium lauryl sulfate is readily biodegradable under aerobic and anaerobic conditions and, therefore, does not persist in the environment.^{8,37,45} SLS is considered a sustainable material because of its 100% bio-based content, biodegradability, and low potential to bioaccumulation.

Alkylpolyglucoside Activated sludge, non-adapted, OECD Guideline 301E, readily biodegradable, 88% after 28day (DOC removal)

Cocamidopropyl Betaine: Readily biodegradable. No other adverse environmental effects (e.g. ozone depletion, photochemical ozone creation potential, endocrine disruption, global warming potential) are expected from this component.

Section 13: Disposal Considerations

Waste disposal of the product;

Containerize minor spills for reuse where possible.

Larger quantities are disposed of according to local and municipal regulations

Section 14: Transport Information

General Information:

Not regulated according Canada Transport of Dangerous Goods

Not regulated according to USA Department of Transportation

Section 15: Regulatory Information

Inventory Status: All ingredients listed are on the Canadian Domestic Substances List and the TSCA 2008 List

Section 16: Other Information

Preparation Data: Prepared by Technical Advisory Service. Phone 1-604-820-8665. The information provided in this Safety Data Sheet obtained from sources believed to be reliable. V.I.P. Soap Products Ltd. provides no Warranties for the accuracy or completeness of the data contained herein. Product classified in accordance with the hazard criteria of the Controlled Products Regulations and the SDS contains information as required by the Controlled Products Regulations. PSCLtd