



BIO ORGANIC SOLUTIONS

MATERIAL SAFETY DATA SHEET

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Date Revised: 06/03/2020

1. CHEMICAL PRODUCT AND COMPANY IDENTIFICATION

Material Identity

Product Name: **Lemonshine Liquid Dish Detergent**

General or Generic ID: PROPRIETARY MIXTURE

Product Use: DETERGENT

Prepared By: Safety Department

Emergency Telephone: CANUTEC (613) 996-6666

2. COMPOSITION/INFORMATION ON INGREDIENTS

<u>Ingredient(s)</u>	<u>TLV</u>	<u>CAS Number</u>	<u>% (by weight)</u>
Tetrasodium Ethylene Diamine Acetate		64-02-8	.5 – 1.5
Sodium Hydroxide		1310-73-2	1.0 – 3.0
Dodecylbenzene Sulphonic Acid		27176-87-0	5.0 – 7.5
Sodium Laureth Sulfate		68585-34-2	13.0 - 15.0
Jemcamide		141-43-5	1.0 – 3.0

3. FIRST AID MEASURES

Eye contact	May cause slight irritation.
Skin contact	NO known EFFECT on skin contact, rinse with water for a few minutes.
Hazardous skin contact	None irritating.
Slight inhalation	Pleasant odour.
Hazardous inhalation	No additional information.
Slight ingestion	Material is used in Food Industry. In all cases of doubt, or when symptoms persist, seek medical attention.
Hazardous ingestion	May cause nausea.

4. HAZARDOUS INGREDIENTS

Name	CAS #	TWA(ppm)	STEL(ppm)	CEIL(ppm)	% by Weight
Not Applicable.					
Toxicity values					
					Not Applicable.

5. PHYSICAL DATA

Physical state/appearance	Liquid.
pH (5% soln/water)	7.0 – 7.5
Odour threshold	Not available.
Volatility	Not available.
Melting point	Not available.
Boiling point	100°C Approx.
Specific gravity	1.0 – 1.1
Vapour density	Not applicable.
Vapour pressure	Not available.
Water/oil dist. coeff.	Not available.
Ionicity(surface active agent)	Not available.
Critical temperature	Not available.
Instability temperature	Not available.
Conditions of instability	No additional remark.
Dispersion properties	Not available.
Solubility	Soluble in water.

6. FIRE AND EXPLOSION DATA

Auto Ignition temperature	Not applicable
Flash points	Not applicable
Flammable limits	Not available.
Fire extinguishing	Not applicable.
Flammability	Not applicable.
Risks of explosion	Not applicable.

7. REACTIVITY DATA

Stability	The product is stable.
Hazardous decomp. products	Not available.
Degradability	Bio Degradable.

Products of degradation	No specific information is available in our database regarding the degradation of this product.
Corrosivity	No specific information is available in our database regarding the corrosivity of this product in presence of various materials.
Reactivity	Incompatibility: Strong-oxidizing materials can cause a reaction.

8. TOXICOLOGICAL PROPERTIES

Routes of entry	None known.
TWA	Not available.
Toxicity to animals	Not available.
Chronic effects on humans	Slight irritation could occur with long term exposure.

9. PREVENTIVE MEASURES

Waste disposal	Disposal according to Government regulations, in approved state, provincial and/or federal regulations.
Storage	No specific storage is required. Avoid contact with strong oxidizing agents.
Precautions	No special precautions are needed. Follow good manufacturing and handling practices. No specific storage is required. Avoid contact with strong oxidizing agents.
Small spill and leak	Use absorbent material to collect and contain for disposal.
Large spill and leak	No additional remark.

10. CLASSIFICATION

TDG road/rail	Not controlled under TDG (Canada). TDG PRIMARY CLASS: Not applicable. Remark TDG/Containers < 454 Litres: Not applicable.
WHMIS	Not controlled under WHMIS (Canada).

11. PROTECTIVE CLOTHING

No special protective clothing is required. Respiratory protection is not required for normal operations. Good industrial hygiene should be followed.

12. OTHER INFORMATION

The information accumulated herein is believed to be accurate but is not warranted to be whether originating with the company or not. Recipients are advised to confirm in advance of need that the information is current, applicable and suitable to their circumstances.