



SDS Emergency
www.micrylium.com

CANUTEC
613-996-6666
CHEMTREC
800-424-9300

Effective Date October 01, 2016
Document/Revision SDS SON 1.4

1 Identification **BioSON** Indication Universal Device Detergent - Liquid Ultrasonic Bath Surfactant

Manufacturer Micrylium Laboratories Inc. 5000M Dufferin Street, Toronto, Canada M3H 5T5 416-667-7040

2 Hazard Identification	Health Hazard Identification No serious Health Hazards	Physical Hazard Identification None	Environmental Hazard Identification Biodegradable, No Endocrine Disruptors
--------------------------------	--	---	--

Hazardous Component None	CAS# None	UN# None	R Phrases None	Concentration None	TLV None
------------------------------------	---------------------	--------------------	--------------------------	------------------------------	--------------------

3 Composition Chemical Characterization Water, Non Ionic Surfactants, CHG, Enzymes (Amylases, Lipases, Cellulases & Proteases), Anticorrosives

4 First Aid Measures

General Rinse with water.	Inhalation Remove victim to fresh air.	Ingestion Do not Induce vomiting. Victim should drink large quantities of water.
Skin contact If causes irritation, rinse thoroughly.	Eye contact Flush eyes with water for 20 minutes.	

5 Fire Fighting Measures

N/A

6 Accidental Release Measures

Use paper towel to absorb, dispose with domestic garbage.

7 Handling & Storage

Store in a cool, dry well ventilated location. Keep away from heat, sparks and flame.
DO NOT mix with Bleach or Peroxides.

8 Exposure Controls-Personal Protection

No specific measures required. Personal Protective Equipment not required.

9 Physical & Chemical Properties

Form	Colour	Scent	Solidification point	Boiling point	Flash Point	Density	pH	Kinematic Viscosity mm²/s
Liquid	Blue	Citrus	-8°C	105°C	na	1.06	8.5	80

10 Stability & Reactivity

Stable under normal conditions

Incompatibility Strong oxidants, acid chlorides, silver salts **Decomposition products** CO₂ CO

11 Toxicological Data

Acute Dermal Irritation LD₅₀ >5000 mg/kg; Acute Inhalation rat LC₅₀: 2.3 mg/L;
Not found to be a dermal sensitizer: Acute Oral LD₅₀ >5000 mg/kg; Ocular Irritation 0.0 after 7 Days.
Tests performed by Product Safety Labs, Dayton, NJ All Ingredients Food or Pharma Grade - Free of Nonyl Phenyl Ethoxylates

Reproductive Hazards None

Carcinogenicity None

12 Ecological Information

Surfactants are readily biodegradable linear ethanol ethoxylates. All ingredients USP Pharma or Food Grade

Soil Readily biodegrades **Water** Readily biodegrades **Air** Slightly Volatile **Disposal** Domestic

13 Disposal considerations Domestic, no restrictions

14 Transport Information

Land Not Regulated	Sea Not Regulated	IATA Not Regulated
------------------------------	-----------------------------	------------------------------

15 Regulatory

TSCA -No reporting required all ingredients are listed in inventory.
CERCLA - No hazardous pollutants - No Ozone depletion

16 Other Information

The information and recommendations contained herein are based upon data believed to be correct. However, no guarantee or warranty of any kind, expressed or implied, is made with respect to information and recommendations contained herein.