

MATERIAL SAFETY DATA SHEET**SECTION 1 - IDENTIFICATION**

COMPANY NAME: Bio-D Products, 8622 Argent St. Suite E. Santee, Ca. 92071

EMERGENCY PHONE NO - (619) 276-5858 - Chemtrec (800) 424-9300

EFFECTIVE DATE: 8/12/02

PRODUCT NAME - **ULTIMATE I SPRAYABLE GEL****SECTION 2 - INGREDIENTS**

<u>INGREDIENT</u>	<u>TLV</u>	<u>PEL</u>	<u>OTHER</u>	<u>CAS #</u>	<u>HAZARD</u>
NON IONIC SURFACTANT				127087-87-0	NOT HAZARDOUS
D'LIMONENE				6864-2-3	COMBUSTIBLE
DIBASIC EASTER (DYMETHYL GLUTARATE)				1119-4-00	NOT HAZARDOUS
DIMETHYL ADIPATE				627-93-0	NOT HAZARDOUS
DIMETHYL SUCCINATE				106-65-0	NOT HAZARDOUS
HYDROXYPROPYL CELLULOSE (thickening agent)				9004-64-2	NOT HAZARDOUS

SECTION 3 - HAZARD IDENTIFICATION**EMERGENCY OVERVIEW:**

May causes eye irritation.

POTENTIAL HEALTH EFFECTS (See section 11 for toxicology data)**EYE:** May cause moderate to severe eye irritation. Avoid eye contact wear goggles**SKIN:** May cause skin irritation. Avoid skin contact. Wear gloves.**INGESTION:** Single dose oral toxicity is considered to be slight. Small amounts swallowed incide to normal handling are not likely to cause injury.**INHALATION:** A single prolonged (hours) excessive inhalation may cause adverse effects. Inhala during normal use is not likely to cause injury.**CANCER INFORMATION:** No relative information found**REPRODUCTIVE INFORMATION:** No relative information found**SECTION 4 - FIRST AID****EYE:** Irrigate with flowing water immediately and continuously for 15 minutes. Consult medical personnel.**INGESTION:** Do not induce vomiting, Keep at rest, get medical attention.**INHALATION:** In case of dizziness, or other effect, remove to fresh air. Consult medical personn

31741, 31742

SECTION 5 – FIRE FIGHTING MEASURES

FLASH POINT: OVER 220° F.

FLAMMABLE LIMITS (PERCENT BY VOLUME) - N/A

IGNITION TEMPERATURE: N/A.

HAZARDOUS PRODUCTS OF COMBUSTION – Fumes smoke.

UNUSUAL FIRE AND EXPLOSION HAZARD – Product will ignite at high temperatures. Keep away from heat sparks or open flames.

SPECIAL FIREFIGHTING PROCEDURES: Use breathing apparatus when fighting fires in enclosed areas. Use water to cool fire exposed surfaces and to protect personnel. Use foam or dry chemicals to extinguish fire.

SECTION 6 - SPILL OR LEAK PROCEDURE

Steps to be taken in case material is spilled or released.

Shut off source. Do not allow spill to enter the municipal sewer system.

Waste Disposal Method: Contain and absorb spilled liquid with sand or earth. Remove spent absorbent to landfill in accordance with local disposal codes.

SECTION 7 – HANDLING AND STORAGE

Keep container closed. Handle and open containers with care. Store in a cool well ventilated place away from incompatible materials. Do not handle or store near an open flame heat or other sources of ignition. Protect material from direct sunlight.

Use proper grounding procedures. Do not pressurize, cut heat or weld containers.

SECTION 8 – EXPOSURE CONTROL / PERSONAL PROTECTION

ENGINEERING CONTROLS: Provide general and or local exhaust ventilation to control airborne levels below exposure guidelines.

PERSONAL PROTECTIVE EQUIPMENT:

EYE / FACE PROTECTION - Use goggles.

RESPIRATORY PROTECTION: None required under normal conditions. In extreme windy conditions, use an approved air purifying or air respirator, depending on the potential airborne concentration.

PROTECTIVE GLOVES: Neoprene

SECTION 9 – PHYSICAL AND CHEMICAL PROPERTIES

APPEARANCE: Clear amber thick liquid
ODOR: Moderate citrus/solvent odor
BOILING POINT: @ 760 MM hg - 388° F.
FREEZING POINT: N/A.
MELTING POINT: N/A.
VAPOR DENSITY: Is lighter than air
SOLUBILITY IN WATER - Dilutable
pH – 6 – 6.5

SECTION 10 – STABILITY AND REACTIVITY DATA

HAZARDOUS POLYMERIZATION: Cannot occur.
STABILITY: Stable
INCOMPATIBILITY: Avoid contact with strong oxidizing agents.
HAZARDOUS DECOMPOSITION PRODUCTS - NONE

SECTION 11 - TOXICOLOGICAL PROPERTIES

TOXICITY: Information on components shows minimal toxicity.

SECTION 12 - ECOLOGICAL INFORMATION

In small amounts product is non toxic to fish or plants. Does not inhibit bacteria in waste treatment facilities. Product is not biodegradable.

SECTION 13 – DISPOSAL CONSIDERATIONS

DISPOSAL METHOD: Please refer to sections 5, 6 and 15 for disposal and regulatory information

SECTION 14 – TRANSPORTATION INFORMATION

DOT HAZARD CLASS: None
DOT HAZARD SUBCLASS: None
DOT Shipping Name – None established
DOT Technical Name – None established
DOT UN/NA MUMBER – None established
PACKING GROUP: N.A.
RESP. GUIDE PAGE: N.A.

SECTION 15 – REGULATORY INFORMATION

Notice: The information herein is presented in good faith and believed to be accurate as of the effective date above, however no warranty, express or implied is given. Regulatory requirements are subject to change and may differ from one location to another. It is the buyer's responsibility to ensure that its activities comply with federal, state or provincial and local laws and regulations.

THIS PRODUCT CONTAINS THE FOLLOWING COMPONENTS:

NON IONIC SURFACTANT	127087-87-0	NOT HAZARDOUS
D'LIMONENE	6864-2-3	COMBUSTIBLE
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US FEDERAL REGULATIONS:

CERCLA: This product has been reviewed according to the EPA 'Hazard Categories' promulgated under Sections 311 and 312 of the Superfund Amendment and Reauthorization act of 1986 (SARA Title III) and is considered under applicable definitions to meet the following categories:

SARA SECTION 313: This product contains the following substances subject to reporting requirements of Section 313 of Title III of the Superfund Amendment and Reauthorization act of 1986 and 40 CFR part 372:

None

CALIFORNIA PROPOSITION 65: None of the components of this product are listed on California Proposition 65.

SECTION 16 – OTHER INFORMATION**NATIONAL FIRE PROTECTION ASSOCIATION (NFPA) RATING:**

Health 1 Flammability 2 Reactivity 0

4 – EXTREME

3 – HIGH

2 – MODERATE

1 – SLIGHT

0 – INSIGNIFICANT