

MATERIAL SAFETY DATA SHEET Complies with OSHA Communication Standard (29 CFR 1910.1200) Prepared: 1 August 2001		Product Name: MICRO POWER
OP Products, Inc.	2111 Iowa Ave. Ste. G Riverside, CA 92507 800-411-8801	Chemtrec 800-424-9300

SECTION 1 - MATERIAL IDENTIFICATION & HAZARDOUS COMPONENTS

Common names and synonyms: Bacterial Spore Concentrate
Formula: Mixture **Ingredients:** Trade Secret **Chemical Name:** N/A

Substance	<u>Approx.</u> %	<u>OSHA</u> <u>PEL</u>	<u>ACGIH</u> <u>TLV</u>	<u>CARCINOGENICITY</u> <u>NPT</u> <u>IARC</u> <u>OSHA</u>	<u>CAS</u> <u>NO</u>
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**Contains no hazardous components as listed in 29 CFR 1900.1000 or other
Pertinent sections of OSHA Regulations**

SECTION 2 – PHYSICAL/CHEMICAL CHARACTERISTICS

Boiling Point (Degrees F):	>212	Specific Gravity:	1.00
Vapor Pressure (mm Hg):	Not Det.	Evaporation Rate (H2O=1):	1.0
Vapor Density (air=1):	<1.0	Water Reactive:	N/A
Water Solubility:	Appreciable	pH:	6.5 – 7.5
Appearance & odor:	Blue liquid, mild odor		

SECTION 3 – FIRE & EXPLOSION HAZARD DATA

Flash Point (Closed Cup):	Not determined
Autoignition Temp:	Not determined
Flammability Limits in Air:	Not determined
Extinguishing Media:	Water, water fog or spray, CO2, Dry Chemical, Foam
Unsuitable Extinguishing Media:	None
Special Fire Fighting Procedures:	None
Unusual Fire Hazards:	None

SECTION 4 – REACTIVITY HAZARD DATA

Stability:	Stable
Incompatibility:	None
Conditions to Avoid:	None
Hazardous Decomposition Products:	Oxides of Carbon
Hazardous Polymerization:	Will not occur
Conditions to Avoid:	None

SECTION 5 – HEALTH HAZARD DATA

Primary routes of entry: Eye and skin contact, ingestion
Carcinogen listed in: Not listed
Health hazards: Acute irritation sensations. No known chronic effects.
Signs and symptoms of exposure: Mild irritation, redness of eyes. Prolonged or repeated exposure may cause mild skin irritation. Nausea, vomiting or diarrhea may result from ingestion.
Medical conditions generally aggravated by exposure: Bacterial infections may occur through open wounds or broken skin.

Emergency first aid procedures: Flush eyes with plenty of cool water for at least 15 minutes. If irritation persists, obtain medical attention. Avoid contact with open wounds or broken skin. In case of skin contact, wash area with soap and water, apply a topical antiseptic agent. In case of ingestion, give affected person several glasses of water and induce vomiting. Obtain medical attention. Never give anything by mouth to an unconscious person.

SECTION 6 – CONTROL & PROTECTIVE MEASURES

Respiratory Protection:	Not required	Ventilation:	Local exhaust
Protective Gloves:	Rubber gloves	Other Protective Equipment:	Cover exposed skin
Eye Protection:	Chemical goggles	Hygienic Work Practices:	Wash hands thoroughly after use

SECTION 7 – PRECAUTIONS FOR SAFE HANDLING & USE / LEAK PROCEDURES

Steps to be taken if material is released or spilled: Ventilate area. Pick up on absorbent material or flush away with water.

Waste disposal method: Consult local environmental authorities.

Precautions to be taken in handling and storage: Store in a cool, dry place. Keep container tightly closed when not in use. To maintain biological properties, do not freeze and do not store above 100F

Other precautions: Keep out of reach of children.

HMIS HAZARD RATING INFORMATION	<u>FLAMMABILITY</u>	<u>HEALTH</u>	<u>REACTIVITY</u>
	0	1	0

0 = Minimal 1 = Slight 2 = Moderate 3 = Serious 4 = Severe

Personal Protection: B, X (Safety glasses and gloves, Ask supervisor for guidance)

SECTION 8 – REGULATORY INFORMATION

SARA / TITLE III – CERCLA List of Hazardous Substances and Reportable Quantities (40 CFR 304.4): This product does not contain an ingredient listed as a hazardous ingredient for Emergency Release Notification under section 304.

SARA / TITLE III – List of Extremely Hazardous Substances for Emergency Planning and Notification (40CFR 300 & 305): This product does not contain an ingredient listed as an extremely hazardous substance (EHS) for emergency planning under sections 301-303 and for Emergency Release Notification under section 304.

SARA / TITLE III – List of Toxic Chemicals Subject to Release Report (40CFR 372): This product does not contain an ingredient listed as a toxic chemical for Annual Release Reporting Requirements under section 313. (Community right to know).

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