

Material Safety Data Sheet

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Ref. No. **FreeFlow Biological Plus**
Revised Date: 10-15-09
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SECTION I - IDENTITY

Name: **FreeFlow Biological Plus**
Formula: Proprietary
Chemical Family: Microbial Inoculant (Spored Bacterial Cultures)
HMIS Code: Health 1, Fire 0, Reactivity 0
HMIS Key: 4=Extreme, 3=High, 2=Moderate, 1=Slight, 0= Insignificant

SECTION II- HAZARDOUS INGREDIENICE

This product does not contain any hazardous ingredients as defined by CERCLA, and California's Prop.65

SECTION III - PHYSICAL CHARACTERISTICS

| | | | |
|-----------------------|------------------------------------|-----------------------|---------------|
| Boiling Point | : 265°F | Specific Gravity | : 1.03+/- .01 |
| Melting Point | : 32°F | Vapor Pressure / Hg | : NA |
| Surface Tension | : 29 Dynes/cm at 25°C | Vapor Density Air = 1 | : NA |
| Reactivity with Water | : No | | |
| Evaporation Rate | : >1 as compared to water | | |
| Appearance | : Cloudy, Milky Liquid unless Dyed | Solubility in Water | : Complete |
| Odor | : Nil | pH | : 8.8+/- .5 |
| Pounds per Gallon | : 8.37 | | |

SECTION IV - FIRE AND EXPLOSION DATA

| | | | |
|------------------------------------|---------|----------------------------|------|
| Special Fire Fighting Procedures | : NA | Percent Volatile by Volume | : NA |
| Unusual Fire and Explosion Hazards | : None | Flammable Limit | : NA |
| Solvent for clean-up | : Water | Auto Ignite Temperature | : NA |
| Flash Point | : NA | Fire Extinguisher Media | : NA |

SECTION V - SPECIAL PRECATIONS AND SPILL / LEAK PROCEDURES

Precautions to be taken in Handling and Storage: Use good normal hygiene.

Precautions to be taken in case of Spill or Leak -

- **Small spills:** in an undiluted form, contain. Soak up with absorbent materials.
- **Large spills:** in an undiluted form, dike and contain. Remove with vacuum truck or pump to storage / salvage vessel. Soak up residue with absorbent materials.

Waste Disposal Procedures: Dispose in an approved disposal area or in a manner that complies with all local, state, and federal regulations.

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SECTION VI – HEALTH HAZARDS

Threshold Limit Values: NA

Signs and Symptoms of Over Exposure-

Acute: Moderate eye irritation, Skin: Causes redness, edema, drying of skin.

Chronic: Pre-existing skin and eye disorders may be aggravated by contact with this product.

Medical Conditions Generally Aggravated by exposure: Unknown

Carcinogenic: No

Emergency First Aid Procedures-

- Eyes: Flush with water for 15 minutes. Get medical attention.
- Skin: Remove contaminated clothing. Wash exposed areas with soap and water. Wash clothing before reuse. Get medical attention if irritation develops.
- Ingestion: Get Medical Attention.
- Inhalation: Inhaling mist from this product could cause irritation to lungs & mucus membranes.

SECTION VII- SPECIAL PROTECTION INFORMATION

Respiratory Protection: Not necessary

Local Exhaust Required: No

Ventilation Required: Normal. If used in a manner that creates mist, mechanical ventilation may be necessary

Protective Clothing: Gloves, safety glasses, wash clothing before reuse.

SECTION VIII – PHYSICAL HAZARDS

Stability: Stable

Polymerization: No

Incompatible Substances: None known

Hazardous Decomposition Products: NA

SECTION IX – TRANSPORT & STORAGE

DOT Class: Not regulated / none hazardous / Class 55

Freeze Temperature 32°

Storage: 35°F -120°F

Freeze Harm: Yes

Shelf Life: 1-2 years

SECTION X

The information on this Material Safety Data Sheet reflects the latest information and data that we have on hazards, properties, and handling of this product under recommended conditions of use. Any use of this product or method of application, which is not described on the product label or in this MSDS is the sole responsibility of the user. This Material Safety Data Sheet was prepared to comply with OSHA Hazardous Communications Regulations