

MATERIAL SAFETY DATA SHEET

Section 1 -- PRODUCT AND COMPANY IDENTIFICATION

PRODUCT NAME GP-1001	HMIS CODES Health 1 Flammability 0 Reactivity 0 PPI G
PRODUCT CODES 1001	
MSDS CODE 1001	EMERGENCY TELEPHONE NO. Chemtrec 24 Hours (800) 424-9300
CHEMICAL FAMILY Organic	TECHNICAL SERVICE TELEPHONE NO. (866) 491-0816
USE Preservative/Antimicrobial	DATE OF PREPARATION May 30, 2005
MANUFACTURER/SUPPLIER NAME Global Preservatives LLC 1401 Hodges St. Lake Charles, La 70601 USA	

Section 2 -- COMPOSITION/INFORMATION ON INGREDIENTS

CAS No.	INGREDIENT
137-40-6	Sodium Propionate
24634-61-5	Potassium Sorbate
5026-62-0	Sodium Methyl-4-hydroxybenzoate
90-80-2	Glucono Delta Lactone
57-55-6	Propylene Glycol

Section 3 -- HAZARDS IDENTIFICATION

SUMMARY OF ACUTE HAZARDS: None known.

ROUTE OF EXPOSURE, SIGNS AND SYMPTOMS

- **INHALATION**
None
- **EYE CONTACT**
May cause slight eye irritation.
- **SKIN CONTACT**
If sensitive, may cause rash
- **INGESTION**
May cause nausea and vomiting. Not expected to produce toxic effects unless large amounts are ingested.

SUMMARY OF CHRONIC HAZARDS: None known.

MEDICAL CONDITIONS AGGRAVATED BY EXPOSURE: None known.

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Section 4 -- FIRST AID MEASURES

If INHALED: N/A
If on SKIN: Wash with water.
If in EYES: Flush eyes with large amounts of water.
Get medical attention if irritation persists.
If SWALLOWED: If swallowed, call a physician immediately. Only induce vomiting at the instruction of a physician. Never give anything by mouth to an unconscious person.

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Section 5 -- FIRE FIGHTING MEASURES

FLASH POINT LEL UEL
None N/D N/D
EXTINGUISHING MEDIA
Non-flammable. Use agents appropriate for surrounding fires.
SPECIAL FIRE FIGHTING PROCEDURES: Wear self-contained full face piece breathing apparatus and other protective clothing.
UNUSUAL FIRE AND EXPLOSION HAZARDS: None

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Section 6 -- ACCIDENTAL RELEASE MEASURES

STEPS TO BE TAKEN IN CASE MATERIAL IS RELEASED OR SPILLED:
Use absorbent materials to prevent footing hazard and to contain.

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Section 7 -- HANDLING AND STORAGE

PRECAUTIONS TO BE TAKEN IN HANDLING AND STORING:
Keep container closed and upright when not in use.
OTHER PRECAUTIONS: Avoid prolonged or repeated contact with skin or clothing. Empty containers may contain residues; treat as if full and observe all products precautions. Do not reuse empty containers.

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Section 8 -- EXPOSURE CONTROLS/PERSONAL PROTECTION

RESPIRATORY PROTECTION (SPECIFY TYPE): None required.
VENTILATION - LOCAL EXHAUST: Acceptable
SPECIAL: N/A
MECHANICAL (GENERAL): Acceptable
OTHER: N/A
PROTECTIVE GLOVES: Wear rubber gloves.
EYE PROTECTION: Safety glasses (ANSI Z-87.1 or equivalent)
OTHER PROTECTIVE CLOTHING OR EQUIPMENT: N/A
WORK/HYGIENIC PRACTICES: Where use can result in skin contact, wash exposed areas thoroughly before eating, drinking, smoking, or leaving work area. Launder contaminated clothing before reuse.

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Section 9 -- PHYSICAL AND CHEMICAL PROPERTIES

BOILING POINT: 212 F (100 C) @ 760mm Hg
SPECIFIC GRAVITY (H2O = 1): 1.113 (9.29bs/gallon)
VAPOR PRESSURE (mm Hg): < 1 @ 68 F (20 C)
MELTING POINT: N/A
VAPOR DENSITY (AIR = 1): >1
EVAPORATION RATE (ETHYL ACETATE = 1): <1
APPEARANCE/ODOR: Golden in color / Slight Odor
SOLUBILITY IN WATER: Soluble
pH (DIRECT) 7.0-7.5

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Section 10 -- STABILITY AND REACTIVITY

STABILITY: Stable under normal conditions
SHELF LIFE: One year from receiving.
CONDITIONS TO AVOID: Storage Temperatures below 45° F and above 100° F
INCOMPATIBILITY (MATERIALS TO AVOID): None
HAZARDOUS DECOMPOSITION PRODUCTS: Fragmented hydrocarbons.
HAZARDOUS POLYMERIZATION: Will not occur.

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Section 11 -- TOXICOLOGY INFORMATION

CHRONIC HEALTH HAZARDS

No ingredient in this product is an IARC, NTP or OSHA listed carcinogen.

TOXICOLOGY DATA

N/A

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Section 12 -- Ecological Information

ECOLOGICAL DATA

Food Chain Concentration Potential	N/D
Waterfowl Toxicity	N/D
BOD	N/D
Aquatic Toxicity	N/D

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Section 13 -- DISPOSAL CONSIDERATIONS

Waste Classification: Non-regulated liquid waste.

Disposal Method: Dispose of in accordance with local, state and federal regulations.

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Section 14 -- TRANSPORTATION INFORMATION

DOT: Non-regulated
OCEAN (IMDG): Non-regulated
AIR (IATA): Non-regulated
WHMIS (CANADA): Non-regulated

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Section 15 -- REGULATORY INFORMATION

REGULATORY DATA

SARA 313	No
TSCA Inventory	Yes; Ingredients listed
CERCLA RQ	N/A
RCRA Code	N/A

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Section 16 -- OTHER INFORMATION

This document is prepared pursuant to the OSHA Hazard Communication Standard (29 CFR 1910.1200). The information herein is given in good faith, but no warranty, expressed or implied is made. Call Global Preservatives for further information: (866) 491-0816