

Material Safety Data Sheet

I. PRODUCT IDENTIFICATION

TRADE NAME: SUNBurst Liqui-Iron **TELEPHONE NO.:** (800) 876-2767
MANUFACTURER'S NAME: Westbridge Ag. Products
ADDRESS: 1260 Avenida Chelsea
Vista, CA 92081
COMPOSITION: Urea, Magnesium sulfate, Boric acid, Cobalt oxide, Manganese sulfate, Sodium molybdate, Zinc sulfate, Iron sulfate, Citric acid

II. HAZARDOUS INGREDIENTS

MATERIAL	%	EXPOSURE LIMITS IN AIR			HAZARD
		ACGIH TLV	OSHA PEL	NIOSH REL	
Ferrous Sulfate (as Fe)	4.1	1 mg/m ³ TWA	1 mg/m ³ TWA	1 mg/m ³ TWA	n/a
Manganese Sulfate (as Mn*)	1.0	n/a	n/a	1 mg/m ³ TWA	Health
Zinc Sulfate (as Zn*)	>1.0	n/a	n/a	n/a	Health

*Toxic chemicals subject to the reporting requirements of Section 313 of Title III of the Superfund Amendments and Reauthorization Act of 1986 and 40 CFR Part 372.

III. PHYSICAL DATA

BOILING POINT, 760 MM HG: 100°C **MELTING POINT:** n/a
SPECIFIC GRAVITY (H₂O=1): 1.30 **VAPOR PRESSURE:** Not known
VAPOR DENSITY (AIR=1): Not known **SOLUBILITY IN H₂O:** Approx. 95% By Wt.
pH: 1.7 ± 0.2 **EVAPORATION RATE (BUTYLACETATE=1):** n/a
% VOLATILES BY VOL: Not known **APPEARANCE AND ODOR:** Brown, viscous liquid with a sweet odor

IV. FIRE AND EXPLOSION DATA

FLASH POINT: n/a **AUTOIGNITION TEMPERATURE:** n/a
TEST METHOD: n/a **FLAMMABLE LIMITS IN AIR, % BY VOL**
EXTINGUISHING MEDIA: n/a **LOWER:** n/a **UPPER:** n/a
SPECIAL FIRE
FIGHTING PROCEDURES: n/a **UNUSUAL FIRE AND EXPLOSION HAZARD:** n/a

V. HEALTH HAZARD INFORMATION

SYMPTOMS OF OVEREXPOSURE

INHALATION: None expected. **SKIN CONTACT:** May cause irritation.
SKIN ABSORPTION: None expected. **EYE CONTACT:** Will cause irritation or damage.
INGESTION: May experience cramping, constipation, diarrhea or other gastrointestinal symptoms.

EFFECTS OF OVEREXPOSURE

ACUTE OVEREXPOSURE: Expected toxicity hazard is slight to none.
CHRONIC OVEREXPOSURE: Expected toxicity hazard is none.

EMERGENCY AND FIRST AID PROCEDURES

EYES: Flush with water. **SKIN:** Wash with water.
Contact a physician.

V. HEALTH HAZARD INFORMATION cont.

INHALATION: No treatment necessary.**INGESTION:** Dilute with water and milk of magnesia.
Contact a physician.**SUSPECTED CANCER AGENT**

NO: This product's ingredients are found in the lists checked below.
 YES: Federal OSHA NTP IARC Cal/OSHA

MEDICAL CONDITIONS AGGRAVATED BY EXPOSURE: None known.**NOTES TO PHYSICIAN:** Contains citric acid (2.5%); pH 1.7. Rinsing eyes with a 0.05 M neutral sodium edetate may help prevent or reverse damage caused by zinc salts. Ingestion of more than 0.5 ml of product per kg of body weight may result in iron toxicity.

VI. REACTIVITY DATA

STABILITY: stable unstable**INCOMPATIBILITY (materials to avoid):** n/a**HAZARDOUS DECOMPOSITION/COMBUSTION PRODUCTS:** n/a**HAZARDOUS POLYMERIZATION:** n/a

VII. SPILL, LEAK AND DISPOSAL PROCEDURES

STEPS TO BE TAKEN IF MATERIAL IS RELEASED OR SPILLED: Wash with water.**NEUTRALIZING CHEMICALS:** n/a**WASTE DISPOSAL METHOD:** Follow all applicable Federal, State and local regulations.

VIII. SPECIAL PROTECTION INFORMATION

VENTILATION REQUIREMENTS: None**SPECIFIC PERSONAL PROTECTIVE EQUIPMENT****EYES:** Wear safety glasses or goggles**GLOVES:** Not required.**RESPIRATORY:** Not required.**OTHER EQUIPMENT:** Not required.

IX. SPECIAL PRECAUTIONS

PRECAUTIONARY STATEMENTS: Do not ingest. Do not get in eyes or on skin.**OTHER HANDLING AND STORAGE REQUIREMENTS:** Keep lid tightly closed. Store in a dry area, above freezing and below 105°F, and out of direct sunlight. Keep out of reach of children.**PREPARED BY:** Bethany Hulcy, Regulatory Affairs, Westbridge Research Group**REV. DATE:** 13 November 2001

All information, recommendations and suggestions appearing herein concerning our products are based upon tests and data believed to be reliable. However, it is the user's responsibility to determine the safety, toxicity and suitability for his own use of the product described herein. Since the actual use by others is beyond our control, we make no guarantee, expressed or implied, as to the effects of such use, the results to be obtained, or the safety and toxicity of the product; nor do we assume any liability arising out of use, by others, of the product referred to herein. The information herein is not to be construed as absolutely complete since additional information may be necessary or desirable when particular or exceptional conditions or circumstances exist or because of applicable laws or government regulations.