

Charge

Material Safety Data Sheet (rev.11/12/09)

SECTION I PRODUCT IDENTIFICATION

NFPA Hazard Ratings

HEALTH HAZARD None FIRE HAZARD None REACTIVITY None
 Based on the National Fire Protection Association rating system
 (0 = Minimal; 1 = Slight; 2 = Moderate; 3 = High; 4 = Severe)

SARA/ TITLE III HAZARD CATEGORIES (See Section X)

Immediate (ACUTE) Health: No Reactive Hazard: No
 Delayed (Chronic) Health: None Fire Hazard: None Sudden Release of Pressure: No

Company Name: STOLLER USA, INC.
 Address: 4001 W. Sam Houston Parkway N. Suite 100
 Houston, TX 77043 USA
 Emergency Phone Number: CHEM- TEL, INC. 1-800-255-3924
 Phone Number for Information: 1(800) 539-5283 or 1 (713) 461-1493
 Chemical Family: Organic acids
 Chemical Name & Synonyms: Humic Acid
 Formula: Proprietary
 Trade name & Synonyms: **CHARGE - Concentrated Humic Acid**

SECTION II COMPOSITION/ INFORMATION ON INGREDIENTS

| INGREDIENTS: | CAS# | Approx. % | TLV |
|--------------|------|-----------|-----|
|--------------|------|-----------|-----|

SECTION III HAZARD IDENTIFICATION

A. EXPOSURE LIMITS:
 1. OSHA Permissible Exposure Limit (PEL): Not established
 2. Threshold Limit Value (TLV): None

B. CARCINOGEN OR POTENTIAL CARCINOGEN:

C. EFFECTS OF OVEREXPOSURE:
 1. **ACUTE:**
EYES: Irritation
SKIN: May stain skin
INHALATION: Irritation
INGESTION: Irritation

SECTION IV FIRST-AID MEASURES

A. EMERGENCY FIRST AID PROCEDURES:
EYES: Flush eyes with water for at least 15 minutes.
SKIN: Wash thoroughly with soap and water. Rinse thoroughly.
INHALATION: Remove from exposure area. If irritation exists from mists, or in the event of massive inhalation. Seek medical attention.
INGESTION: Seek medical attention.

SECTION V**FIRE AND EXPLOSION DATA**

| | | | |
|--|------|------------------|------------------|
| FLASH POINT: | N/ A | | |
| FLAMMABLE LIMITS: | | LEL: N/ A | UEL: N/ A |
| EXTINGUISHER MEDIA: | N/ A | | |
| SPECIAL FIRE FIGHTING PROCEDURES: | N/ A | | |

SECTION VI**ACCIDENTAL RELEASE MEASURES**

STEPS TO BE TAKEN IN CASE MATERIAL IS RELEASED:

SECTION VII**HANDLING AND STORAGE**

Since emptied packages retain product residue follow label warnings even after package is emptied.

SECTION VIII**SPECIAL PROTECTION / CONTROL MEASURES**

RESPIRATORY PROTECTION: As required by conditions. Use an OSHA or NIOSH approved respirator if required.

VENTILATION: General ventilation is usually adequate. Local exhaust should be used if needed for safe, comfortable working conditions.

SECTION IX**PHYSICAL AND CHEMICAL CHARACTERISTICS**

| | | | |
|-----------------------------|--|---------------------------------|---------------|
| BOILING POINT: | 212°F | VAPOR PRESSURE (mm/ Hg): | 17.5 (@ 68°F) |
| MELTING POINT: | N/ A | VAPOR DENSITY (air = 1): | 0.62 |
| SPECIFIC GRAVITY: | 1.04 at 20°C | REACTIVITY IN WATER: | |
| SOLUBILITY IN WATER: | Freely dispersible in water | EVAPORATION RATE: | Same as water |
| APPEARANCE AND ODOR: | Chocolate- brown fluid with mild earthy odor | | |

SECTION X**PHYSICAL HAZARDS (REACTIVITY DATA)**

| | | |
|---|------------------------|-----------|
| STABILITY: | Stable: Yes | Unstable: |
| INCOMPATIBILITY, MATERIALS TO AVOID: | None | |
| HAZARDOUS DECOMPOSITION PRODUCTS: | None | |
| HAZARDOUS POLYMERIZATION: | None | |
| MAY OCCUR: X | WILL NOT OCCUR: | |

SECTION XI**TOXICOLOGICAL INFORMATION**

- A. **TOXICITY DATA:**
- B. **CARCINOGENICITY:**
- C. **MUTAGENICITY:**
- D. **REPRODUCTIVE TOXICITY:**

SECTION XII**ENVIRONMENTAL EFFECTS DATA**

STEPS TO BE TAKEN IN CASE MATERIAL IS RELEASED OR SPILLED: Stop material flow at source. Spilled material if not contaminated may be recovered for use. Wet residue may be flushed away with water.

WASTE DISPOSAL METHOD: Wet material may be safely flushed or drained, dry material may be safely placed in solid waste container in compliance with all Federal, state and local laws concerning health and environment.

SECTION XIV**TRANSPORTATION DATA**

DOT HAZARD CLASS: Not regulated by DOT as a hazardous material

SECTION XVI**OTHER INFORMATION**

To aid our customers in complying with regulatory requirements, SARA Title III hazard categories for this product are indicated in Section 1. If the word "YES" appears next to any category, this product may be reportable by you under the requirements of 40 CFR Part 370. Please consult those regulations for details.

Stoller Chemical believes the information contained in this material safety data sheet is accurate based on the information supplied by reputable suppliers of our raw materials. The information contained herein is furnished without warranty of any kind. Users should consider these data only as a supplement to other information from all sources to assure proper use and disposal of these materials and the safety and health of employees and customers.