Humco Holding Group, Inc.
7400 Alumax Drive
Texarkana, TX 75501
800-662-3435

Item #0395-0115
Arnica Tincture **Date Prepared:** 08/13/07

SECTION 1 PRODUCT IDENTIFICATION & EMERGENCY INFORMATION

Product Name: Arnica Tincture Flowers
Trade Name: Arnica Tincture Flowers
CAS #: 8057-64-6

Emergency Telephone Numbers:

Humco Holding Group, Inc. 800-662-3435
Chemtrec 800-424-9300

SECTION 2 PHYSICAL DATA

Product Description: Brownish clear volatile liquid with characteristic odor. Alcohol 63-69%

Solubility in Water: Partly Soluble. **Specific Gravity:** 0.89 – 0.94

Refractive Index: NA **Physical State:** Liquid

SECTION 3 FIRE, EXPLOSION & REACTIVITY DATA

Flash Point: Less than 100°F (67° closed cup)

Extinguishing Media: Water/fog, CO_2, dry chemical and foam.

Special Firefighting Procedures: Wear self-contained breathing apparatus with a full facepiece operated in the positive pressure or demand mode when fighting fires.

Unusual Fire and Explosion Hazards: Never use welding or cutting torch on or near drum (even empty) because product can ignite explosively.

HAZARD RATING SYSTEMS: This information is for people trained in: National Fire Protection Association (NFPA 704) Identification of the Fire Hazards of Materials

	NFPA 704	KEY	4 = Severe
Health	1		3 = Serious
Flammability	3		2 = Moderate
Reactivity	0		1 = Slight

SECTION 4 HEALTH HAZARD INFORMATION

Health Hazard Information: Irritant to mucous membranes. Inhalation of alcohol vapors may cause headache, drowsiness & inability to concentrate. Skin contact may cause severe dermatitis. Ingestion has produced severe symptoms of gastro-enteritis and nervous disturbances.

Emergency and First Aid Procedures:

Eyes: Flush with large amounts of water, get medical attention.

Skin: Thoroughly wash exposed area with soap & water. Launder contaminated clothing before re-use.

Inhalation: If affected, remove individual to fresh air. If breathing is difficult, administer oxygen.

Ingestion: Drink two glasses of water and induce vomiting. Get medical attention immediately.

SECTION 5 REACTIVITY DATA

Stability: Stable **Incompatibility:** Avoid contact with strong oxidizing agents.

Hazardous Combustion or Decomposition Products: May form toxic materials as CO_2 & CO, etc.

Hazard Polymerization: Cannot occur.

SECTION 6 SPILL, LEAK AND DISPOSAL PROCEDURES

Precautions if Material is spilled or released: Small Spills: Absorb liquid on paper or other absorbent material and transfer to hood. **Large Spills:** Eliminate al ignition sources, dike area of spill, pump liquid to salvage tank. Take up remaining liquid with absorbent material.

Waste Disposal Methods: Destroy large amounts by liquid incineration. Contaminated absorbent may be deposited in a landfill in accordance with local, state and federal regulations.

SECTION 7 SPECIAL PROTECTION INFORMATION

Ventilation Requirements: Special ventilation facilities are not normally required for the handling of flavor or fragrance compounds provided that adequate air circulation is maintained within the working area.

Personal Protection Equipment: Measures should be taken to prevent contact with eyes and skin.

Special Precautions for Handling & Storage: Containers of this material may be hazardous when emptied. Emptied containers retain product residues.

SECTION 8 DEPARTMENT OF TRANSPORTATION INFORMATION

DOT Hazard Class: Flammable

Placard Required: Flammable Liquid 3

DOT Shipping Name: Flammable Liquid

Freight Classification: 70

Other Information: Tinctures, Medicinal UN 1293