

MATERIAL SAFETY DATA SHEET

SECTION 1 IDENTIFICATION	
Product Number	050-1412
Product Name	Anise Extract
Trade /Chemical Synonyms	
Formula	Not Applicable
RTECS	
C.A.S. #	See below
Health:	2
Flammability:	2
Reactivity:	0
Hazard Rating: Least Slight Moderate High Extreme 0 1 2 3 4 NA = Not Applicable NE = Not Established	

SECTION 7 HANDLING AND STORAGE
Dissolve or mix material with a combustible solvent and burn in a chemical incinerator.

SECTION 8 EXPOSURE CONTROLS/PERSONAL PROTECTION	
Respiratory Protection:	NIOSH/MSHA-approved respirator
Ventilation:	Local Exhaust <input type="checkbox"/> Mechanical <input checked="" type="checkbox"/>
Protective Gloves:	Wear appropriate gloves to prevent skin exposure
Eye Protection:	Chemical safety goggles
Other Protective Equipment:	Wear appropriate clothing to prevent skin exposure

SECTION 2 MIXTURE COMPONENTS					
Sara 313	Component	CAS Number	%	Dim.	Exposure Limits:
<input type="checkbox"/>	Anise Extract		Balance	V/V	
<input type="checkbox"/>	Ethyl Alcohol (Ethanol, Absolute)	CAS# 64-17-5	75 - 85	V/V	OSHA TWA 1000 ppm (1900 mg/m ³)

SECTION 9 PHYSICAL AND CHEMICAL PROPERTIES	
Melting Point:	information not available
Boiling Point:	information not available
Vapor Pressure:	information not available
Vapor Density:	information not available
Solubility in Water:	Soluble
Appearance /Odors:	pale yellow liquid with distinct odor, taste
Flash Point:	79 F
Specific Gravity:	0.85
Percent Volatile by Volume:	~80%
Evaporation Rate:	not available
Evaporation Standard:	
Auto Ignition Temp:	not available
Lower Flamm. Limit in Air:	not available
Upper Flamm. Limit in Air:	not available

SECTION 3 HAZARD IDENTIFICATION (SEE ALSO SECTION 11)
Keep away from heat and ignition sources. Harmful if swallowed. Avoid breathing vapors. Use with adequate ventilation. Avoid contact with eyes, skin, and clothes. Wash thoroughly after handling. Keep container closed.

SECTION 4 FIRST AID MEASURES
FIRST AID: SKIN: Wash exposed area with soap and water. If irritation persists, seek medical attention.
EYES: Wash eyes with plenty of water for at least 15 minutes, lifting lids occasionally. Seek Medical Aid. INHALATION: Remove to fresh air. If not breathing, give artificial respiration. If breathing is difficult, give oxygen
INGESTION: If swallowed, induce vomiting immediately after giving two glasses of water. Never give anything by mouth to an unconscious person.

SECTION 5 FIRE FIGHTING MEASURES
Fire Extinguisher Type: Carbon Dioxide, dry chemical powder or appropriate foam
Fire / Explosion Hazards: None Known.
Fire Fighting Procedure: Wear self-contained breathing apparatus and protective clothing to prevent contact with skin and clothing.

SECTION 6 ACCIDENTAL RELEASE MEASURES
Absorb spill with inert material, then place in a chemical waste container. Dispose of in a manner consistent with federal, local law.

SECTION 10 STABILITY AND REACTIVITY INFORMATION	
Stability:	Stable
Conditions to Avoid:	See Incompatibilities
Materials to Avoid:	Acid chlorides, acid anhydrides, oxidizing agents, chlorofromates, and reducing agents
Hazardous Decomposition Products:	CO, CO2
Hazardous polymerization:	Will Not Occur
Conditions to Avoid:	None known

SECTION 11 ADDITIONAL INFORMATION	
Effects of overexposure. Acute and chronic:	Generally not hazardous in normal handling and use.
DOT Classification:	Flammable Liquid, NOS, (Ethyl Alcohol), UN1993, 3, PGII

DOT Regulations may change from time to time. Please consult the most recent D.O.T. regulations.

Rev. No: 1 Date Entered: 9/1/2005 Approved: WPF Safety Dir.: WPF