

MATERIAL SAFETY DATA SHEET

SECTION 1 IDENTIFICATION	
Product Number	050-0389
Product Name	Vanilla Extract
Trade /Chemical Synonyms	
Formula	Not Applicable
RTECS	None
C.A.S. #	See below
Health:	1
Flammability:	0
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
This material is not considered hazardous. Handle using safe laboratory practices.

SECTION 8 EXPOSURE CONTROLS/PERSONAL PROTECTION
Respiratory Protection: None required Ventilation: Local Exhaust <input checked="" type="checkbox"/> Mechanical <input type="checkbox"/> Protective Gloves: Wear appropriate gloves to prevent skin exposure Eye Protection: Splash Goggles Other Protective Equipment: None required

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

SECTION 9 PHYSICAL AND CHEMICAL PROPERTIES			
Melting Point:	Information not available	Percent Volatile by Volume:	6.5%
Boiling Point:	Information not available	Evaporation Rate:	Information not available
Vapor Pressure:	Information not available	Evaporation Standard:	
Vapor Density:	Information not available	Auto Ignition Temp:	Not applicable
Solubility in Water:	Soluble	Lower Flamm. Limit in Air:	Not applicable
Appearance /Odors:	Dark brown liquid with vanilla odor	Upper Flamm. Limit in Air:	Not applicable
Flash Point:	170 F		
Specific Gravity:	1		

SECTION 3 HAZARD IDENTIFICATION (SEE ALSO SECTION 11)
Generally not hazardous in normal handling, however good laboratory practices should always be used. Avoid long term exposure to skin or by inhalation.

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: Give several glasses of milk or water. Vomiting may occur spontaneously, but DO NOT INDUCE! Never give anything by mouth to an unconscious person.

SECTION 5 FIRE FIGHTING MEASURES
Fire Extinguisher Type: Any means suitable for extinguishing surrounding fire
Fire / Explosion Hazards: None
Fire Fighting Procedure: Use any means suitable for extinguishing surrounding fire. Use water spray cool fire exposed containers.

SECTION 10 STABILITY AND REACTIVITY INFORMATION
Stability: Stable
Conditions to Avoid: None known
Materials to Avoid: Concentrated Acids and Bases, Water reactive materials.
Hazardous Decomposition Products: None known
Hazardous polymerization: Will Not Occur
Conditions to Avoid: None known

SECTION 6 ACCIDENTAL RELEASE MEASURES
Absorb spill with inert material. Flush excess down drain.

SECTION 11 ADDITIONAL INFORMATION
Overexposure symptoms. Acute: Essentially non-hazardous. Possible irritation of eyes/stomach. Chronic: None known. Conditions aggravated/Target organs: none known.
DOT Classification: Not Regulated
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