Material Safety Data Sheet

Revision Date: 04-26-2012

I. PRODUCT AND COMPANY IDENTIFICATION

Product Name: **CHERRY (FLAM-A)**
Company: Southern Scentsations
27419 Telegraph Rd.
Flat Rock, MI 48134
734.782.2288
Intended use: Fragrance

II. HAZARDS IDENTIFICATION

Routes of Entry: Inhalation, Ingestion, Skin contact, Eye contact
Target Organs Potentially Affected by Exposure: Eyes, Nervous System, Respiratory Tract, Skin
Chemical Interactions That Change Toxicity: None Known
Medical Conditions Aggravated by Exposure: Eye disease, Respiratory disease including asthma and bronchitis, Skin disease including eczema and sensitization

Immediate (Acute) Health Effects by Route of Exposure:

Inhalation Irritation: Can cause respiratory irritation.
Skin Contact: Can cause moderate skin irritation, defatting, and dermatitis. Not likely to cause permanent damage. May cause sensitization.
Skin Absorption: Minimal hazard in normal industrial use. May cause gastrointestinal discomfort
Eye Contact: Can cause moderate irritation, tearing and reddening, but not likely to permanently injure eye tissue.
Ingestion Irritation: Irritating to mouth, throat, and stomach. Can cause abdominal discomfort, nausea, vomiting and diarrhea.
Ingestion Toxicity: Harmful if swallowed.

Long-Term (Chronic) Health Effects:

Carcinogenicity: None of the substances have been shown to cause cancer in long term animal studies. Not a carcinogen according to NTP, IARC, or OSHA.
Reproductive and Developmental Toxicity: No data available to indicate product or any components present at greater than 0.1% may cause birth defects.
Mutagenicity: No data available to indicate product or any components present at greater than 0.1% is mutagenic or genotoxic.
Inhalation: Upon prolonged and/or repeated exposure, can cause moderate respiratory irritation, dizziness, weakness, fatigue, nausea and headache.
Skin Contact: Upon prolonged or repeated contact, can cause moderate skin irritation, defatting, and dermatitis. Not likely to cause permanent damage.
Skin Absorption: Upon prolonged or repeated exposure, minimal hazard in normal industrial use. May cause gastrointestinal discomfort.

HMIS Rating: Health: 1 Flammability: 2 Reactivity: 1

III. COMPOSITION/INFORMATION ON INGREDIENTS

Chemical Name	%	CAS #	OSHA Exposure Limits
Benzaldehyde	30 - 60	100-52-7	No PEL established
Diethyl phthalate	15 - 40	84-66-2	No PEL established
2-Oxiranecarboxylic acid, 3-methyl-3-phenyl-, ethyl ester	1 - 5	77-83-8	No PEL established

n-Amyl acetate	1 - 5	628-63-7	100 ppm TWA; 525 mg/m3 TWA
Butanoic acid, ethyl ester	1 - 5	105-54-4	No PEL established
Butanoic acid, 3-methylbutyl ester	1 - 5	106-27-4	No PEL established
Acetic acid, phenylmethyl ester	0.5 - 1.5	140-11-4	No PEL established
(d)-Limonene	0.5 - 1.5	5989-27-5	No PEL established

IV. FIRST-AID MEASURES

Inhalation: Remove to fresh air. If breathing is difficult, have a trained individual administer oxygen. If not breathing, give artificial respiration and have a trained individual administer oxygen. Get medical attention immediately

Eyes: Flush eyes with plenty of water for at least 20 minutes retracting eyelids often. Tilt the head to prevent chemical from transferring to the uncontaminated eye. Get immediate medical attention.

Skin Contact: Wash with soap and water. Remove contaminated clothing and launder. Get medical attention if irritation develops or persists.

Ingestion: Do not induce vomiting and seek medical attention immediately. Drink two glasses of water or milk to dilute. Provide medical care provider with this MSDS.

Notes to Doctor: No additional first aid information available

V. FIRE FIGHTING MEASURES

Flammability Summary: Combustible

Extinguishing Media: Use alcohol resistant foam, carbon dioxide, or dry chemical extinguishing agents. Water may be ineffective but water spray can be used extinguish a fire if swept across the base of the flames. Water can absorb heat and keep exposed material from being damaged by fire.

Fire and/or Explosion Hazards: Vapors may be ignited by sparks, flames or other sources of ignition if material is above the flash point giving rise to a fire (Class B). Vapors are heavier than air and may travel to a source of ignition and flash back.

Fire Fighting Methods and Protection: Do not enter fire area without proper protection including self-contained breathing apparatus and full protective equipment. Fight fire from a safe distance and a protected location due to the potential of hazardous vapors and decomposition products.

Hazardous Combustion Products: Carbon dioxide, Carbon monoxide

Flash Point °F (Closed Cup): 140
Autoignition Temperature °F: Not Available
Upper Flammable/Explosive Limit, % in air: Not Available
Lower Flammable/Explosive Limit, % in air: Not Available

VI. ACCIDENTAL RELEASE MEASURES

Personal Precautions and Equipment: No health affects expected from the clean-up of this material if contact can be avoided. Follow personal protective equipment recommendations found in Section VIII of this MSDS

Methods for Clean-up: No special spill clean-up considerations. Collect and discard in regular trash.

VII. HANDLING AND STORAGE

Handling Technical Measures and Precautions: Mildly irritating material. Avoid unnecessary exposure. Use spark-proof tools and explosion-proof equipment As with all chemicals, good industrial hygiene practices should be

followed when handling this material. Use with adequate ventilation Wash thoroughly after handling Do not get in eyes, on skin and clothing Ground and bond containers when transferring material "Empty" containers retain product residue (liquid and/or vapor) and can be dangerous. Avoid contact with material, avoid breathing dusts or fumes, use only in a well ventilated area.

Storage Technical Measures and Conditions: Store in a cool dry place. Isolate from incompatible materials. Keep away from sources of ignition Store in a cool place in original container and protect from sunlight Do not store near combustible materials Store in a tightly closed container Keep away from heat, sparks, and flame Keep container closed when not in use

VIII. EXPOSURE CONTROLS/PERSONAL PROTECTION

Engineering Measures: No exposure limits exist for the constituents of this product. Use local exhaust ventilation or other engineering controls to minimize exposures and maintain operator comfort. Engineering controls must be designed to meet the OSHA chemical specific standard in 29 CFR 1910. Use process enclosures, local exhaust ventilation, or other engineering controls to control airborne levels below recommended exposure limits Facilities storing or using this material should be equipped with an eyewash and safety shower. Explosion proof exhaust ventilation should be used.

Respiratory Protection: Respiratory protection may be required to avoid overexposure when handling this product. General or local exhaust ventilation is the preferred means of protection. Use a respirator if general room ventilation is not available or sufficient to eliminate symptoms. Follow a respiratory protection program that meets 29 CFR 1910.134 and ANSI Z88.2 requirements whenever work place conditions warrant the use of a respirator. Respiratory protection may be required in addition to ventilation depending upon conditions of use.

Eye Protection: Wear chemically resistant safety glasses with side shields when handling this product. Do not wear contact lenses. Wear goggles and a Face shield

Skin Protection: Wear protective gloves. Inspect gloves for chemical break-through and replace at regular intervals. Clean protective equipment regularly. Wash hands and other exposed areas with mild soap and water before eating, drinking, and when leaving work Where contact is likely, wear chemical resistant gloves, a chemical suit, rubber boots, and chemical safety goggles plus a face shield

Gloves: No information available

Control Parameters:

Chemical Name	ACGIH TLV-TWA	ACGIH STEL	IDLH
Benzaldehyde	No TLV		ND
Diethyl phthalate	5 mg/m3 TWA		ND
2-Oxiranecarboxylic acid, 3-methyl-3-phenyl-, ethyl ester	No TLV		ND
n-Amyl acetate	100 ppm TWA; 532 mg/m3 TWA		ND
Butanoic acid, ethyl ester	No TLV		ND
Butanoic acid, 3-methylbutyl ester	No TLV		ND
Acetic acid, phenylmethyl ester	No TLV		ND
(d)-Limonene	No TLV		ND

IX. PHYSICAL AND CHEMICAL PROPERTIES

Physical State: Liquid

Color:	Clear
Odor:	Comparable to Standard
pH:	Not Available
Solubility in Water:	Soluble in water- No
Evaporation Rate:	Not Available
Vapor Density:	> 1
Flash Point °F (Closed Cup):	140
Boiling Point: °F	Not Available
Melting Point: °F	Not Available
Specific Gravity:	1.0542

X. STABILITY AND REACTIVITY

Stability:	Stable under normal conditions.
Conditions to Avoid:	None known.
Materials to Avoid/Chemical Incompatibility:	Strong oxidizing agents Acids Strong alkalies Nitrogen oxides
Hazardous Decomposition Products:	Carbon dioxide Carbon monoxide

XI. TOXICOLOGICAL INFORMATION

Component Toxicology Data:

Chemical Name	CAS Number	LD50/LC50
Phthalic acid, diethyl ester	84-66-2	Oral LD50 Rat : 8600 mg/kg; Oral LD50 Mouse : 6172 mg/kg
Cyclohexene, 1-methyl-4-(1-methylethenyl)-, (R)-	5989-27-5	Oral LD50 Rat : 4400 mg/kg; Oral LD50 Mouse : 5600 mg/kg; Dermal LD50 Rabbit :

XII. ECOLOGICAL INFORMATION

Overview: This material is not expected to be harmful to the ecology.

XIII. DISPOSAL CONSIDERATIONS

Waste Description for Spent Product:	Spent or discarded material is a hazardous waste.
Disposal Methods:	Dispose of by incineration following Federal, State, Local, or Provincial regulations.

XIV. TRANSPORTATION INFORMATION

US DOT Ground Shipping Description:	Not Restricted
IATA Shipping Description:	UN1266, PERFUMERY PRODUCT, 3, PGIII
IMDG Shipping Description:	UN1266, PERFUMERY PRODUCT, 3, PGIII

XV. REGULATORY INFORMATION

TSCA Status All components in this product are on the TSCA Inventory.

Chemical Name	CAS #	Regulation	% Range
No 313-listed chemicals in this product		SARA 313	

XVI. ADDITIONAL INFORMATION

Disclaimer: Important: While the descriptions, data and information contained herein are presented in good faith and believed to be accurate, it is provided for your guidance only. Because many factors may affect processing or application/use, we recommend that you perform an assessment to determine the suitability of the product for your particular purpose prior to use. Nothing herein should be interpreted as a recommendation to infringe existing patents or violate any laws or regulations. No warranties of any kind, either expressed or implied, including fitness for a particular purpose are made regarding the product described. We assume NO responsibility for any injuries resulting from misuse or misapplication of this product or that might be sustained because of inhalation, ingestion, absorption or other contact with this product. In no case shall the descriptions, information, or data provided be considered a part of our terms and conditions of sale. Further, the descriptions, data and

information furnished hereunder are given gratis. No obligation or liability for the description, data and information given are assumed. All such being given and accepted at your risk.