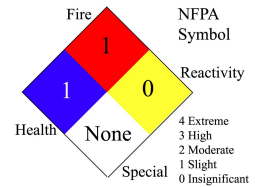




# River City Soap Co Orange Oil

5742 E. Shelby Dr.  
 Memphis, TN 38141  
 Phone: 901-487-6927

June 8, 2005



## For spill, leak, or Medical Emergency call Infotrac 800-535-5053

### Section I - Hazard Ingredients/Identity Information

Hazardous Components (Specific Chemical Identity; Common Name(s))	OSHA PEL	ACGIH TLV	Other Limits Recommended	%(optional)
None Chemical Name: d'Limonene, Citrus Oil				

### Section II - Physical/Chemical Characteristics

Boiling Point	260 ° F	Specific Gravity (H <sub>2</sub> O = 1)	0.870
Vapor Pressure (mm Hg.)	Unknown	Melting Point	N/A
Vapor Density (AIR = 1)	> 1	Evaporation Rate (Butyl Acetate = 1)	< 1 As water
Solubility in Water: Insoluble	Appearance and Odor: Mobile liquid with very distinctive citrus odor		

### Section III - Fire and Explosion Hazard Data

Flash Point (Method Used) >115 ° F TAG, cc	Flammable Limits	LEL Not est.	UEL Not established
Extinguishing Media Foam or dry chemical			
Special Fire Fighting Procedures Use water spray to cool drums exposed to fire. If flames are present, use appropriate extinguishing material. Do not use water. Treat as an oil fire. Firefighters should use self-contained breathing apparatus to avoid exposure to smoke and vapors.			
Unusual Fire and Explosion Hazards: Closed containers will build pressure under exposure to high heat and may explode if not properly cooled.			

### Section IV - Reactivity Data

Stability	Unstable		Conditions to Avoid
	Stable	X	
Incompatibility (Materials to Avoid) Strong oxidizing agents			
Hazardous Decomposition or Byproducts Oxides of Carbon when burned			
Hazardous Polymerization	May Occur		Conditions to Avoid
	Will Not Occur	X	

**OranGel (cont'd)****Section V - Health Hazard Data**

Route(s) of Entry:	Inhalation?	Skin?	Ingestion?
<p>Health Hazards (<i>Acute and Chronic</i>)</p> <p><u>Inhalation</u> hazard is negligible. Vapors or finely misted materials may irritate the mucous membranes and cause irritation, dizziness and nausea. Remove to fresh air.</p> <p><u>Eye contact</u> may cause irritation. Irrigate eye with water for at least 15 to 20 minutes. Seek medical attention if symptoms persist.</p> <p>Prolonged or repeated <u>contact with the skin</u> may cause skin dryness and irritation.</p> <p><u>Ingestion</u> may result in significant gastric upset.</p>			
Carcinogenicity:	NTP No	IARC Monographs No	OSHA Regulated No
<p>Signs and Symptoms of Exposure</p> <p>Contact with eyes may cause irritation.</p>			
<p>Medical Conditions Generally Aggravated by Exposure: Existing dermatitis</p>			
<p>Emergency and First Aid Procedures</p> <p>Eyes: Irrigate eyes with water for at least 15 to 20 minutes. Seek medical attention if irritation persists or worsens.</p> <p>Skin: Wash exposed areas of the body with soap and water. Vaseline or other over-the-counter skin creams can prove very helpful in alleviating topical irritation. Seek medical attention if irritation persists or if swelling occurs.</p> <p>Inhalation: Remove from area of exposure; seek medical attention if symptoms persist.</p> <p>Ingestion: Seek medical attention immediately. Do not induce vomiting.</p> <p>(Never give anything by mouth to an unconscious person.)</p>			

**Section VI - Precautions for Safe Handling and Use**

<p>Steps to Be Taken in Case Material is Released or Spilled</p> <p>Remove all sources of ignition.</p> <p>Spill Cleanup Procedures: Stop leak if possible. Pick up small spills with absorbent materials such as paper towels, "Oil Dry", sand or dirt. Recover large spills for salvage or disposal. Wash hard surfaces with water to remove remaining product.</p> <p>Waste Disposal: Waste may be disposed of by a licensed waste disposal company. Contaminated absorbent materials may be disposed of in an approved land fill. Follow local, state and federal disposal regulations.</p> <p>Environmental Hazards: Keep out of waterways</p>
<p>Precautions to Be taken in Handling and Storing</p> <p>Store in closed containers between 50° F – 100° F.</p> <p>Keep away from oxidizing agents, excessive heat and ignition sources.</p> <p>Store and use in well ventilated areas.</p> <p>Drum is not a pressure vessel; never use pressure to empty.</p>

**Section VII - Control Measures**

<p>Respiratory Protection (<i>Specify Type</i>)</p> <p>Not generally necessary</p>		
Ventilation	Local Exhaust Suitable for almost all applications	Special
	Mechanical ( <i>General</i> )	Other
Protective Gloves Rubber or neoprene should be used	Eye Protection Glasses or goggles are recommended	
<p>Other Protective Clothing or Equipment</p> <p>Use of an apron and other protective equipment is recommended if the product is being used in such a way that exposure to personnel is likely</p>		
<p>Work/Hygienic Practices</p> <p>Normal Industrial Hygiene Practices. Keep out of the reach of children.</p>		