

Material Safety Data Sheet

May be used to comply with
OSHA's Hazard Communication Standard
29 CFR 1910.1200. Standard must be
consulted for specific requirements

U.S. Department of Labor

Occupation Safety and Health Administration
(Non-Mandatory Form)
Form Approved
OMB No. 1218-0072

IDENTITY

FRESH-N-UP - Citrus (230012)

*Note: Blank spaces are not permitted. If any item is not applicable, or no
information is available, the space must be marked to indicate that.*

Section I

Manufactured For: Beaver Research Company		Emergency Telephone Number 1-800-255-3924 (Chem-Tel)	
Address (Number, Street, City, State, and ZIP Code) 3700 E. Kilgore Road, Portage, MI 49002		Telephone Number For Information 269-382-0133	
HMIS/NFPA RATINGS:	Health:	1/1	Date Prepared 02/14/2001
	Flammability:	2/2	Signature of Preparer (optional)
	Reactivity:	0/0	
	Personal/Special Protection:	B/N/A	

Section II - Hazardous Ingredients/Identity Information

Hazardous Components (Specific Chemical Identity; Common Name(s))	CAS No.	OSHA PEL	TLV	% (optional)
--	---------	----------	-----	-----------------

Essential Oils

Mixture

Section III - Physical/Chemical Characteristics

Boiling Point	N/A	Specific Gravity (H ₂ O = 1)	.N/A
Vapor Pressure (mm Hg)	mmHg @20°C	% Volatile by Weight	<3%
Vapor Density (AIR = 1)	Undetermined	Evaporation Rate (Butyl Acetate = 1)	Undetermined
Solubility in Water Soluble	pH 5.0-5.5		
Appearance and Odor Yellow liquid with a fresh, citrus aroma.			

Section IV - Fire and Explosion Hazard Data

Flash Point (Method Used) 200°F Closed Cup	Flammable Limits Non-Flammable	LEL Undetermined	UEL Undetermined
Extinguishing Media Carbon dioxide, foam, dry chemical.			
Special Fire Fighting Procedures None			
Unusual Fire and Explosion Hazards None			

Section V - Reactivity Data

Stability	Unstable		Conditions to Avoid	None known.
	Stable	X		
Incompatibility (Materials to Avoid)				
Materials that are hazardous with water -- sodium, acyl halides, etc.				
Hazardous Decomposition or Byproducts				
None known.				
Hazardous Polymerization	May Occur		Conditions to Avoid	None known.
	Will Not Occur	X		

Section VI - Health Hazard Data

Route(s) of Entry:	Inhalation?	Skin?	Ingestion?
	No	Yes	Yes
Health Hazards (Acute and Chronic)			
Eye irritant prolonged exposure can cause dryness of the skin.			
Carcinogenicity:	NTP?	IARC Monographs?	OSHA Regulated?
	None established	None established	Undetermined
Signs and Symptoms of Exposure			
See above "Health Hazards".			
Medical Conditions Generally Aggravated by Exposure			
Allergies to aromatics.			
Emergency and First Aid Procedure			
If allergic reaction, remove to fresh air. If in eyes, flush with copious amounts of water and consult a physician. If on skin, wash with soap and water and consult a physician if a problem occurs. If ingested, induce vomiting and consult a physician, prompt gastric lavage.			

Section VII - Precautions for Safe Handling and Use

Steps to be Taken in Case Material is Released or Spilled	
Soak with inert absorbant and sweep, mop up iwth soap and water, ventilate.	
Waste Disposal Method	
Dispose in accordance with local regulations.	
Precautions to be Taken in Handling and Storage	
Ambient room temperature storage in original container recommended.	
Other Precautions	
Keep out of reach of children. Use only as directed.	

Section VIII - Control Measures

Section VII - Control Measures

Respiratory Protection (Specify Type)				
No anticipated requirement.				
Ventilation	Local Exhaust	N/A	Special	N/A
	Mechanical(General)	Normal	Other	N/A
Protective Gloves			Eye Protection	
Normally unnecessary.			Goggles suggested.	
Other Protective Clothing or Equipment				
None required.				
Work/Hygienic Practices				
N/A				

While we believe that the data contained herein are factual and the opinions expressed are those of qualified experts regarding the results of tests conducted, the data are not to be taken as warranty or representation for which we assume legal responsibility. The information is offered solely for your consideration, investigation and verification. Any use of these data and information must be determined by the user to be in accordance with federal, state and local laws.