

# 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 - Spice (230013)**

*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: <b>Beaver Research Company</b>		Emergency Telephone Number <b>1-800-255-3924 (Chem-Tel)</b>
Address (Number, Street, City, State, and ZIP Code) <b>3700 E. Kilgore Road, Portage, MI 49002</b>		Telephone Number For Information <b>269-382-0133</b>
HMIS/NFPA RATINGS:	Health: 1/1	Date Prepared <b>02/14/2001</b>
	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)
3-Methoxy-3-methylbutanol	56539-66-3	--	Data unavail.	40-60
Water	7732-18-5	--	N/A	20-30
Fragrance	None	--	Data unavail.	15-30

## Section III - Physical/Chemical Characteristics

Boiling Point	226°F	Specific Gravity (H <sub>2</sub> O = 1)	.099
Vapor Pressure (mm Hg)	mmHg @20°C	% Volatile by Weight	<35%
Vapor Density (AIR = 1)	Undetermined	Evaporation Rate (Butyl Acetate = 1)	Undetermined
Solubility in Water <b>Soluble</b>	pH <b>5.0-5.5</b>		
Appearance and Odor <b>Orange liquid with a fresh, spicy aroma.</b>			

## Section IV - Fire and Explosion Hazard Data

Flash Point (Method Used) <b>152°F Closed Cup</b>	Flammable Limits <b>Combustible</b>	LEL Undetermined	UEL Undetermined
Extinguishing Media <b>Carbon dioxide, foam, dry chemical.</b>			
Special Fire Fighting Procedures <b>None</b>			
Unusual Fire and Explosion Hazards <b>None</b>			

## Section V - Reactivity Data

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

**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**

Respiratory Protection (Specify Type)

No anticipated requirement.

Ventilation	Local Exhaust	N/A	Special	N/A
	Mechanical(General)	Normal	Other	N/A

Protective Gloves

Normally unnecessary.

Eye Protection

Goggles suggested.

Other Protective Clothing or Equipment

None required.

Work/Hygienic Practices

N/A

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