

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

FANTASTIC II (SCENTED) (120151)

*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

DOT Hazard Class: ORM-D

Manufacturer's Name

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

NFPA/HMIS Ratings:

Health: 2/2

Flammability: 0/0

Reactivity: 0/0

Special Protection: 0/B

Date Prepared

08/02/00

Signature of Preparer (optional)

Section II - Hazardous Ingredients/Identity Information

Hazardous Components (Specific Chemical
Identity; Common Name(s))

CAS No.

OSHA PEL
(ppm)

ACGIH
TLV(ppm)

Carcinogen
Ref. Source*

SARA
III List

Trichloroethylene

79-01-6

50

50

b

Yes

Carbon Dioxide

124-38-9

5000

5000

d

No

WARNING: This product contains a chemical or chemicals known to the State of California to cause cancer.

Section III - Physical/Chemical Characteristics

Boiling Point

N/A

Specific Gravity (H₂O = 1)

Concentrate Only

1.45

Vapor Pressure (mm Hg)

N/A

Vapor Pressure: PSIG @ 70°F

(Aerosols):

85-100

Vapor Density (AIR = 1)

N/E

Evaporation Rate

(Butyl Acetate = 1)

2.1 (concentrate
only)

Solubility in Water

Insoluble

Water Reactive

No

Total VOC: 96.5%

Appearance and Odor

Clear, colorless spray with chlorinated solvent odor.

Section IV - Fire and Explosion Hazard Data

Flash Point (Method Used)

N/A

Flammable Limits

Non-flammable

LEL

N/E

UEL

N/E

Extinguishing Media

Foam, dry chemical, carbon dioxide.

Special Fire Fighting Procedures

Self-contained breathing apparatus.

Unusual Fire and Explosion Hazards

Do not expose aerosols to temperatures above 130°F or the container may rupture.

Section V - Reactivity Data

Stability

Unstable

Stable

Conditions to Avoid

N/A

X

Incompatibility (Materials to Avoid)

Reactive metals, aluminum, magnesium, strong oxidizing agents.

Hazardous Decomposition or Byproducts

CO₂, CO, HCl, small amounts of phosgene and chlorine.

Hazardous

May Occur

Conditions to Avoid

Open flame, welding arcs, heat.

Polymerization

Will Not Occur

X

Section VI - Health Hazard Data

Route(s) of Entry:	Inhalation?	Skin?	Ingestion?
	Yes	Yes	Yes

Health Hazards (Acute and Chronic)

Acute: **Inhalation:** Excessive inhalation of vapors can be harmful and may cause headache, dizziness, asphyxia, anesthetic effects and possible unconsciousness. **Eye Contact:** Irritation. **Skin Contact:** Irritation due to defatting of skin. **Ingestion:** Possible chemical pneumonitis if aspirated into lungs. Nausea.

Chronic: (Effects due to excessive exposure to the raw materials of this mixture.) May cause liver abnormalities, kidney, spleen, lung or brain damage, cardiac abnormalities. Trichloroethylene has been shown to increase the rate of spontaneously occurring malignant tumors in certain laboratory rats and mice.

Carcinogenicity:	NTP?	IARC Monographs?	OSHA Regulated?
	N/A	N/A	N/A

Signs and Symptoms of Exposure

See above.

Medical Conditions Generally Aggravated by Exposure

May aggravate existing eye, skin, or upper respiratory conditions.

Emergency and First Aid Procedure

Eye Contact: Flush with water for 15 minutes. If irritated, seek medical attention. **Skin Contact:** Wash with soap and water. If irritated, seek medical attention. **Inhalation:** Remove to fresh air. Resuscitate if necessary. Get medical attention. **Ingestion:** DO NOT INDUCE VOMITING. Drink two large glasses of water. Get immediate medical attention.

Section VII - Precautions for Safe Handling and Use

Steps to be Taken in Case Material is Released or Spilled

Absorb with suitable medium. Incinerate or landfill according to local, state or federal regulations. Allow to evaporate if small spill. DO NOT FLUSH TO SEWER.

Waste Disposal Method

Aerosol cans when vented to atmospheric pressure through normal use, pose no disposal hazard.

Precautions to be Taken in Handling and Storage

Do not puncture or incinerate containers. Do not store at temperatures above 130°F.

Other Precautions

KEEP OUT OF REACH OF CHILDREN. Avoid food contamination. Avoid inhalation of vapors.

Section VIII - Control Measures

Respiratory Protection (Specify Type)

If vapor concentration exceeds TLV, use respirator approved by U.S. Bureau of Mines for organic vapor.

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

Protective Gloves

Neoprene gloves recommended.

Eye Protection

Safety glasses recommended.

Other Protective Clothing or Equipment

None.

Work/Hygienic Practices

Wash with soap and water before handling food. Remove contaminated clothing.

We believe the statements, technical information and recommendations contained herein are reliable, but they are given without warranty or guarantee of any kind.

**Chemical Listed as Carcinogen or Potential Carcinogen. [a] NTP [b] IARC Monograph [c] OSHA [d] Not Listed [e] Animal Data Only