

Frank Miller & Sons, Inc.

13831 South Emerald Avenue
Riverdale, IL 60827

Emergency Phone (INFOTRAC):

(800) 535-5053

Information Phone:

Reference: FMS
(708) 201-7200

Date Issued:

11/01/99

Supersedes:

01/05/96

Product Code:

VoBan®

MATERIAL SAFETY DATA SHEET

VoBan® Vomitus Absorbent

1. INFORMATION ON INGREDIENTS

Chemical Name	CAS Number	% By Wt.
Proprietary Formula	Mixture	100.00
Total:		100.00%

2. HEALTH DATA

PRIMARY ROUTES OF ENTRY:

Dermal/Eye: Yes Oral: No Inhalation: Yes

SYMPTOMS OF OVEREXPOSURE:

Eye irritation. Skin irritation, or dermatitis.

ACUTE HEALTH EFFECTS:

Inhalation:

May cause irritation to the nose, throat, and respiratory passages.

Eyes:

Contact may cause mechanical irritation and possible injury.

Skin:

No adverse effects expected.

Ingestion:

No adverse effects expected for normal, incidental ingestion.

MEDICAL CONDITIONS POSSIBLY AGGRAVATED BY EXPOSURE:

Dermatitis. Existing respiratory conditions, including but not limited to, asthma and bronchitis.

CHRONIC HEALTH EFFECTS:

None known.

Agency Listed Carcinogens:

<u>NTP</u>	<u>IARC</u>	<u>OSHA</u>	<u>CA Prop 65</u>
No	No	No	Yes

3. FIRST AID MEASURES

EYE CONTACT:	Immediately flush eyes with a large amounts of water for at least 15 minutes, lifting the upper and lower lids occasionally. If irritation persists, or for imbedded foreign object, get medical attention immediately.
INHALATION:	Remove victim to fresh air. If breathing is difficult, have trained person administer oxygen. If respiration stops, have trained person administer artificial respiration. Get medical attention immediately.
INGESTION:	If large amounts are swallowed, get immediate medical attention.
SKIN CONTACT:	Wash exposed skin with soap and water. If any irritation develops, seek medical attention.
NOTE TO PHYSICIAN:	Treat symptomatically.

4. FIRE FIGHTING MEASURES

FLASH POINT:	Not applicable.
FLASH POINT METHOD USED:	Not applicable.
EXTINGUISHING MEDIA:	Normal agents for extinguishing wood fires – water spray, carbon dioxide dry chemical.
COMBUSTION PRODUCTS:	Carbon dioxide and carbon monoxide upon combustion.
SPECIAL FIRE FIGHTING PROCEDURES:	Material will support combustion. May be drenched with water to reduce fire hazard. Material may smolder after it is involved in a fire. Spread material out and be sure fire is extinguished.
UNUSUAL FIRE & EXPLOSION HAZARDS:	None

5. ACCIDENTAL RELEASE MEASURES

STEPS TO BE TAKEN IN CASE MATERIAL IS SPILLED OR RELEASED:

Sweep up material and return to container or discard. Dispose in accordance with all Federal, State and local laws.

6. HANDLING AND STORAGE

PRECAUTIONS TO BE TAKEN IN HANDLING AND STORAGE:

Store out of the reach of children. Keep container closed and properly labeled when not in use. Store in a cool, dry, well-ventilated place away from incompatible materials.

WORK HYGIENIC PRACTICE

Wash nondisposable gloves thoroughly with soap and water before removing. After using this product, thoroughly wash hands and exposed skin with soap and water. Do not eat, smoke or drink when using this product.

7. EXPOSURE CONTROL / PERSONAL PROTECTION

RESPIRATORY PROTECTION:	None necessary under normal conditions.
VENTILATION:	Provide local exhaust ventilation.
PROTECTIVE GLOVES:	Rubber gloves.
EYE PROTECTION:	Chemical safety glasses.
OTHER PROTECTIVE EQUIPMENT:	For brief contact, no precautions other than body-covering clothing should be needed. Wear long-sleeved shirt, long pants, socks and shoes.

8. PHYSICAL AND CHEMICAL PROPERTIES

APPEARANCE AND ODOR:	Granular solid. Wintergreen-mint odor
SOLUBILITY (wt.% at 77°F)	Negligible
BOILING POINT:	Not Applicable
SPECIFIC GRAVITY:	Approx. 2.35 lbs. per gal.
VAPOR DENSITY (Air =1):	Not Applicable
FREEZING POINT:	Not Applicable

9. STABILITY AND REACTIVITY

STABILITY:	Stable.
CONDITIONS TO AVOID:	Ignition sources.
INCOMPATIBILITY:	Strong oxidizers.
HAZARDOUS BY-PRODUCTS:	None known.
HAZARDOUS POLYMERIZATION:	Will not occur.

10. ECOLOGICAL INFORMATION

ENVIRONMENTAL FATE:	No information available.
ECOTOXICITY:	No information available.

11. DISPOSAL CONSIDERATIONS

PRODUCT DISPOSAL:	Dispose of material according to all applicable local, state and Federal regulations.
CONTAINER DISPOSAL:	"Empty" containers retain product residue (liquid and/or vapor) and can be dangerous. Do not reuse empty container. Empty drums should be completely drained, properly bunged and promptly returned to a drum reconditioner, or properly disposed of according to all local, state and Federal regulations.

12. TRANSPORTATION INFORMATION

D.O.T. REGULATED CONTAINER SIZE: None
PROPER SHIPPING NAME: Not D.O.T. Regulated

13. REGULATORY INFORMATION

This information must be included in all MSDS' that are copied and distributed for this material.

SARA TITLE III, Section 311: This product is not considered to be a health hazard.

SARA TITLE III, Section 312: This product contains the following substances subject to the reporting requirements of the Superfund Amendments and Reauthorization Act (SARA) of 1986 if threshold quantity criteria are met:

Component	CAS NO.	T.P.Q. (Lbs.)
None		

SARA TITLE III, Section 313: This product contains the following substances subject to the reporting requirements of the Superfund Amendments and Reauthorization Act (SARA) of 1986 if threshold quantity criteria are met:

Component	CAS NO.	De minimus
C.I. Solvent Yellow 14	000842-07-9	1.0%

SARA TITLE III, Section 304: CERCLA Hazardous Substances. This product contains the following substances subject to the reporting requirements under Section 304 of the Superfund Amendments and Reauthorization Act (SARA) of 1986:

Component	CAS NO.	RQ (Lbs.)
None		

For releases greater than the RQ, contact the National Response Center at (800) 424-8802.

Hazardous Materials Identification System

HMIS INFORMATION

HEALTH:	0	4 - Severe
FLAMMABILITY:	1	3 - Serious
REACTIVITY:	0	2 - Moderate
PROTECTIVE:	B	1 - Slight
		0 - Minimal
		B - Safety glasses, gloves.

National Fire Protection Association

NFPA INFORMATION

HEALTH:	0	4 - Extreme
FIRE:	1	3 - High
REACTIVITY:	0	2 - Moderate
SPECIFIC:	N	1 - Slight
		0 - Insignificant
		N - None

The information contained herein is based in the data available to us and is believed to be accurate. However, no warranty is expressed or implied regarding the accuracy of this data or the results to be obtained from the use thereof.