



# VM12-6, VM12-32 WATERBASE SPRAY GRAIN TEXTURE

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## SECTION I - PRODUCT IDENTIFICATION

Product Name: VM12-6, VM12-32 WATERBASE SPRAY GRAIN TEXTURE

Revision: 12/4/03

## SECTION II - HAZARDOUS INGREDIENTS & OTHER COMPONENTS

INGREDIENT CHEMICAL NAME	OSHA PEL	ACGIH TLV	OTHER LIMITS RECOMMENDED	CAS NUMBER
2-Butoxyethanol	25ppm	25ppm	N/A	111-76-2
Rubbing Alcohol	400ppm	400ppm	N/A	67-63-0
Diethylene Glycol N-Butyl Ether	NE	NE	N/A	112-34-5
Butyl Benzyl Phthalate	NE	5ppm	N/A	85-68-7

## SECTION III - PHYSICAL DATA / CONTENTS WITHOUT PROPELLENT

BOILING POINT: 180-698°F

SPECIFIC GRAVITY (H<sub>2</sub>O=1): 0.9947

VAPOR PRESSURE (mm Hg): N/A

MELTING POINT: N/A

VAPOR DENSITY (AIR = 1): Is heavier than air

EVAPORATION RATE (Butyl Acetate = 1): Is slower than Ether

SOLUBILITY IN WATER: Soluble

APPEARANCE AND ODOR: Clear liquid / Aqueous

## SECTION IV: FIRE AND EXPLOSION HAZARD DATA

FLASH POINT (METHOD USED): 53°F

FLAMMABLE LIMITS LEL: 0.3% UEL: 24.6%

EXTINGUISHING MEDIA: WATER FOG x STANDARD FOAM x

CO<sub>2</sub> x

DRY CHEMICAL x HALON

**UNUSUAL FIRE AND EXPLOSION HAZARDS:** Combustible Liquid. Can form explosive mixture at temperatures at or above the flashpoint.

**SPECIAL PRECAUTIONARY STATEMENTS:** Containers can build up pressure if exposed to heat (fire). Water runoff can cause environmental damage. Dike and collect water used to fight fires.

#### SECTION V: REACTIVITY DATA

**STABILITY:** x Stable Unstable

**Incompatibility :** No information.

**Hazardous Decomposition:** No information.

**HAZARDOUS POLYMERIZATION:** May Occur xWill not occur

**Conditions to Avoid:** No information.

#### SECTION VI: HEALTH HAZARD DATA

##### ROUTES OF ENTRY & HEALTH HAZARDS (ACUTE AND CHRONIC)

**INGESTION:** No information.

**EYES:** Liquid, aerosols and vapors of this product are irritating and can cause pain, tearing, reddening and swelling accompanied by a stinging sensation and/or a feeling like that of fine dust in the eyes. Severely irritating. If not removed promptly, will injure eye tissue, which may result in permanent damage.

**INHALATION:** Causes skin irritation. Allergic reactions are possible. Prolonged or repeated contact can result in defatting and drying of the skin which may result in skin irritation and dermatitis (rash). Harmful if inhaled, swallowed or absorbed through the skin.

**SKIN:** No information.

#### EMERGENCY AND FIRST AID PROCEDURES

- INGESTION:** Get medical attention immediately. If swallowed, induce vomiting immediately as directed by medical personnel. Never give anything by mouth to an unconscious person. Get medical attention immediately.
- EYES:** Immediately flush eyes with plenty of water. Get medical attention, if irritation persists.
- INHALATION:** Remove to fresh air. If not breathing, give artificial respiration. If breathing is difficult, give oxygen. Get immediate medical attention.
- SKIN:** Wash with soap and water. Get medical attention if irritation develops or persists.

### **SECTION VII: PRECAUTIONS FOR SAFE HANDLING AND USE**

- STEPS TO BE TAKEN IN CASE LARGE AMOUNTS ARE RELEASED:** Dispose in accordance with State, local and Federal regulations. Absorb spill with inert material (e.g. dry sand or earth), then place in a chemical waste container. Avoid runoff into storm sewers and ditches which lead to waterways.
- WASTE DISPOSAL METHOD:** No information.
- PRECAUTIONS TO BE TAKEN IN HANDLING AND STORAGE:** Wash thoroughly after handling. Keep away from heat, sparks and flame. Keep from freezing. Keep container closed when not in use.
- OTHER PRECAUTIONS:** N/A

### **SECTION VIII: CONTROL MEASURES**

- RESPIRATORY PROTECTION:** A NIOSH/MSHA approved air purifying respirator with an organic vapor cartridge or canister may be permissible under certain circumstances where airborne concentrations are expected to exceed exposure limits. Protection provided by air purifying respirators is limited. Use a positive pressure air supplied respirator if there is any potential for an uncontrolled release, exposure levels are not known, or any other circumstances where air purifying respirators may not provide adequate protection.
- VENTILATION:** No information.
- LOCAL EXHAUST:** N/A

**PROTECTIVE GLOVES:**

Where contact is likely, wear chemical resistant gloves, a chemical suit, rubber boots, and chemical safety goggles plus a face shield. Use chemical splash goggles and face shield (ANSI Z87.1 or approved equivalent).

**EYE PROTECTION:**

Wear safety glasses with side shields (or goggles) and a face shield.

**SECTION IX: SPECIAL PRECAUTIONS**

<b>HEALTH: 2</b>	<b><u>HAZARD RATING KEY</u></b>
<b>FLAMMABILITY: 1</b>	0 = MINIMAL
<b>REACTIVITY: 0</b>	1 = SLIGHT
<b>PERSONAL PROTECTION:</b>	2 = MODERATE
	3 = SERIOUS
	4 = SEVERE
	* = CHRONIC HEALTH EFFECTS

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