

**PIPE SAVER**  
**Material Safety Data Sheet**

**SECTION I - COMPANY IDENTIFICATION**

**PRODUCT:** PIPE SAVER

**CAT. NO.:** PS1, PS5, PS30, PS55

**MANUFACTURED BY:**  
Virginia KMP Corporation  
4100 Platinum Way  
Dallas, Texas 75237

**TELEPHONE NUMBERS:**  
Office: 1-(214) 330-7731  
Emergency Only: 1-(800) 424-9300

**SECTION II - HAZARDOUS INGREDIENTS**

**OSHA Hazardous Components (29 CFR 1910.1200)**

**EXPOSURE LIMITS: 8 HR. TWA**  
**OSHA PEL** **ACGIH TLV**

Propylene glycol (CAS# 57-55-6)

NE

NE

**SECTION III - HAZARDS IDENTIFICATIONS**

**EMERGENCY OVERVIEW:** CAUTION! Skin and eye irritant. Harmful if swallowed.

**POTENTIAL HEALTH EFFECTS:**

**INHALATION:** Vapors cause irritation.  
**EYE CONTACT:** Eye irritation develops immediately upon contact.  
**SKIN CONTACT:** Skin irritation develops slowly after contact. May aggravate pre-existing skin disorders.  
**INGESTION:** Slightly toxic. May lead to anesthesia, convulsing.

**CHRONIC Effects:**

**NOTE:**

**CARCINOGENICITY:** LISTED IN NTP? No IARC? No OSHA Regulated? No

**SECTION IV - FIRST AID MEASURES**

**INHALATION:** Remove victim to fresh air and, if needed, immediately begin artificial respiration. Give oxygen if breathing is labored. Get emergency medical help. Contact a physician immediately.  
**EYE CONTACT:** Flush eyes with water for 15 minutes. Get medical attention if symptoms develop and persist.  
**SKIN CONTACT:** Flush with water or soap and water for 15 minutes or until all traces have been removed. Seek medical attention if symptoms develop and persist.  
**INGESTION:** Do not induce vomiting. Rinse mouth out with water. Get immediate medical attention.

**SECTION V - FIRE FIGHTING MEASURES**

**FLASHPOINT (TEST METHOD):** None - Aqueous solution.  
**FLAMMABLE LIMITS:** **LOWER:** NA **UPPER:** NA  
**AUTOIGNITION TEMPERATURE:** NA

**GENERAL HAZARD:**

**FIRE FIGHTING INSTRUCTIONS:** Approach fire from upwind side. Avoid breathing smoke, fumes, mist, or vapors on the downwind side. Firefighters wear protective clothing and self contained breathing apparatus. If stored in drums: Containers may rupture from internal pressure if confined to fire area. Cool with water. Get non-emergency personnel out of the area.

**EXTINGUISHING MEDIA:** Use alcohol foam.

**HAZARDOUS COMBUSTION PRODUCTS:**

**SECTION VI - ACCIDENTAL RELEASE MEASURES**

**LAND SPILL:** Emergency response coordinator must have mandated training. Eliminate all ignition sources. **SMALL SPILLS:** Pick up with absorbent materials and place in non-leaking containers; seal tightly for proper disposal or reuse. **LARGE SPILLS:** Evacuate the hazard area of unprotected personnel. Wear appropriate respirator and protective clothing. Shut off source of leak if safe to do so. Dike and contain. Remove with vacuum trucks or pump to storage/salvage vessels.  
**WATER SPILL:** Notify proper authorities.

Clean up leaks/spills immediately to prevent soil or water contamination.

**SECTION VII - HANDLING AND STORAGE**

**HANDLING:** Avoid contact with skin, eyes, and clothing. After handling this product, wash hands before eating, drinking, or smoking. If contact occurs, remove contaminated clothing. If needed, take first aid action shown in section IV. Launder contaminated clothing before reuse.  
**STORAGE:** Store away from oxidizers.

## PIPE SAVER

### SECTION VIII - EXPOSURE CONTROLS/PERSONAL PROTECTION

**ENGINEERING CONTROLS:** Local exhaust ventilation is recommended.

**PERSONAL PROTECTION:** Respirator and gloves are not needed under normal conditions of use. Use chemical goggles or full face shield. Use boots, aprons, drench showers, eye wash as needed for protection against spills and/or splashes.

### SECTION IX - PHYSICAL AND CHEMICAL PROPERTIES

**VAPOR PRESSURE:** ND

**SPECIFIC GRAVITY (H<sub>2</sub>O=1):** 1.1

**SOLUBILITY IN WATER:** Complete

**pH:** 9 - 10

**BOILING POINT:** Above 212 F

**APPEARANCE & ODOR:** Blue liquid, bland odor

**VAPOR DENSITY (Air=1):** <1

**EVAPORATION RATE (BuAc=1):** >1

**VOC:** ND

**FREEZING POINT:**

### SECTION X - STABILITY AND REACTIVITY

**STABILITY:** Stable.

**CONDITIONS TO AVOID:** None known.

**MATERIALS TO AVOID:** Oxidizers, acids.

**HAZARDOUS DECOMPOSITION PRODUCTS:** From combustion: Acrid smoke, irritating fumes, CO, CO<sub>2</sub>.

**HAZARDOUS POLYMERIZATION:** Will not occur.

### SECTION XI - TOXICOLOGICAL INFORMATION

Propylene glycol	500 mg/7D	Mild	(skin - human)
	104 mg/3D-I	moderate	(skin - man)
	TDLo:	79 g/kg / 56W-I	(oral - chd) CNS, BRN
	LD50:	20 g/kg	(oral - rat)
	LD50:	22 g/kg	(oral - mouse)

### SECTION XII - ECOLOGICAL INFORMATION

Not established.

### SECTION XIII - DISPOSAL CONSIDERATIONS

Dispose as hazardous waste. Classification and documentation is required before disposal. Follow all local, state and federal regulations.

### SECTION XIV - TRANSPORTATION INFORMATION

**PROPER SHIPPING NAME:** Not regulated.

**HAZARD CLASS:** NA

**IDENTIFICATION NUMBER:** NA

**DOT Emergency Guide #:** NA

**Reportable Quantity (RQ):** NA

**International:** NA

### SECTION XV - REGULATORY INFORMATION

**TSCA (Toxic Substance Control Act):** Components of this product are listed on the TSCA Inventory.

**CERCLA (Comprehensive Environmental Response, Compensation and Liability Act):** Not listed.

**SARA TITLE III (Superfund Amendments and Reauthorization Act):** Not listed.

**CALIFORNIA PROPOSITION 65:** Not listed.

### SECTION XVI - OTHER INFORMATION

State Right-to-Know Programs: PA

NFPA Ratings

Health: 1

Flammability: 0

Reactivity: 0

HMIS Protective Equipment: X See your supervisor

Prepared by: Virginia KMP Corporation

revised: 11/16/2012

This information is furnished without warranty, expressed or implied, except that it is accurate to the best knowledge of Virginia KMP. The data on this sheet related only to specific material designated herein. Virginia KPM assumes no legal responsibility for use or reliance upon these data.