

## SECTION I - PRODUCT IDENTIFICATION

Product Name: **5465 PREVAL SPRAYER POWER UNIT**

Revision: 03/03

## SECTION II - HAZARDOUS INGREDIENTS & OTHER COMPONENTS

INGREDIENT CHEMICAL NAME	OSHA PEL	ACGIH TLV	OTHER LIMITS RECOMMENDED	CAS NUMBER
Liquefied Petroleum Gas	N/A	1000ppm	N/A	N/A
Dimethyl Ether	N/A	1000ppm	N/A	N/A

## SECTION III – PHYSICAL DATA / CONTENTS WITHOUT PROPELLANT

<b>BOILING POINT:</b> -44 to +10.9 ° F		<b>SPECIFIC GRAVITY (H2O=1):</b>	0.6
<b>VAPOR PRESSURE (mm Hg):</b>	76 PSIG	<b>MELTING POINT:</b>	N/A
<b>VAPOR DENSITY (AIR = 1):</b>	1.8	<b>EVAPORATION RATE (Butyl Acetate = 1):</b>	>1
<b>SOLUBILITY IN WATER:</b>	3.5 %	<b>APPEARANCE AND ODOR:</b>	Clear colorless liquefied gas with slight ethereal odor

## SECTION IV: FIRE AND EXPLOSION HAZARD DATA

**FLASH POINT (METHOD USED):** -156 ° F  
**FLAMMABLE LIMITS** LEL: 1.8% UEL: 18%

**EXTINGUISHING MEDIA:** WATER FOG x STANDARD FOAM CO 2  
DRY CHEMICAL x HALON

### **UNUSUAL FIRE AND EXPLOSION HAZARDS:**

Vapors are heavier than air and may travel along the ground or may be moved by ventilation systems and ignited by pilot lights, other flames, sparks, heater, smoking, electric motors, static discharge, or other ignition sources at locations distant from material handling point.

**SPECIAL PRECAUTIONARY STATEMENTS:** Stop the release of material if possible. Cool the vapor space of the storage container with water spray. Avoid accumulation of unburned materials. Remove personnel in general area. Observe maximum isolation when extinguishing fire. Expansion of liquid and change of state from liquid to vapor will allow combustible mixture to encompass a large area.

## SECTION V: REACTIVITY DATA

**STABILITY:** x Stable Unstable  
**Incompatibility :** Oxygen, oxidizers, CO, acetic acid, etc.

**Hazardous Decomposition:** Violent decomposition can occur if heated in the presence of peroxides.  
**HAZARDOUS POLYMERIZATION:** May Occur x Will not occur  
**Conditions to Avoid:** High heat, spark, and open flames.

## **SECTION VI: HEALTH HAZARD DATA**

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

**INGESTION:** Liquid ingestion may cause frostbite. Aspiration HAZARD!  
**EYES:** Can cause severe irritation, redness, tearing, blurred vision, and possible freeze burns.  
**INHALATION:** Inhalation of vapor may produce anesthetic effects and feeling of euphoria. Prolonged overexposure can cause rapid breathing, headache, dizziness, narcosis, unconsciousness, and death from asphyxiation, depending on concentration and time of exposure.  
**SKIN:** Contact with evaporating liquid can cause frostbite.

### **EMERGENCY AND FIRST AID PROCEDURES**

**INGESTION:** Do not induce vomiting. Contact a physician immediately.  
**EYES:** For liquid contact, irrigate with running water for minimum of 15 minutes. Consult physician immediately if frostbite occurs.  
**INHALATION:** Remove to fresh air. If breathing has stopped, restore breathing at once. Administer oxygen and get medical help.  
**SKIN:** For liquid contact, warm areas gradually and get medical attention if there is evidence of tissue damage. Flush area with plenty of water. Treat as frostbite.

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

**STEPS TO BE TAKEN IN CASE LARGE AMOUNTS ARE RELEASED:** Contain the spill. Eliminate sources of ignition. Use water spray to reduce vapors. For small spills, take up with absorbent material. If confined space, use self-contained breathing apparatus. Consult local fire authorities.  
**WASTE DISPOSAL METHOD:** 1) Mechanical Recovery 2) Burn under controlled conditions 3) Deposit contaminated absorbent in designated landfill  
**PRECAUTIONS TO BE TAKEN IN HANDLING AND STORAGE:** Store in a clean, dry area. Do not heat above 120 ° F.  
**OTHER PRECAUTIONS:** Watch for leaks and spills. Keep containers sealed and store in cool, well-ventilated area. Bond and ground during liquid transfer. Provide means to control leaks and spills. Protect from sources of ignition. Prohibit smoking in areas of storage or use. Avoid concentrating peroxides by distributing.

## **SECTION VIII: CONTROL MEASURES**

**RESPIRATORY PROTECTION:** NIOSH approved self-contained breathing apparatus.  
**VENTILATION:** Provide as needed to keep concentration in air below TLV and LEL.  
**LOCAL EXHAUST:** Continuous ventilation recommended.  
**PROTECTIVE GLOVES:** Impervious, insulated gloves recommended.  
**EYE PROTECTION:** Faceshield or goggles recommended.

## **SECTION IX: SPECIAL PRECAUTIONS**

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

**Disclaimer :** The information contained herein is based on the data available to us and is believed to be accurate. However, no warranty is expressed or implied regarding the accuracy of this data

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