



### DESCRIPTION

**Oxy-Slam** is a powerful citrus degreaser with the extra boost of hydrogen peroxide. This unique blend of cleaning agents makes **Oxy-Slam** one terrific degreaser, emulsifier and general sanitizer.

**Oxy-Slam** is 100% biodegradable while being designed for a number of industrial and food plant applications. This formulation easily removes oil and grease while leaving a fresh natural citrus scent.

### SPECIAL INFORMATION

Do not contaminate **Oxy-Slam** with organic materials or iron and store **Oxy-Slam** below 35°C (95°F).

**Oxy-Slam** is a Canadian Food Inspection Agency (CFIA) approved product for use in registered food processing plants as a general purpose cleaner (not for food surface sanitizing).

### DIRECTIONS

**Food processing areas:**

Dilute 1:32 parts water through foaming units or sprayers. Rinse well with water.

**Washing floors:**

Dilute 1:64 parts water.

**Industrial applications:**

Dilute 1:20 parts water for general degreasing and oil removal. Dilute 1:5 parts water for engine degreasing. Spray on. Let stand 5 minutes, then hose down with water.

**Garbage Areas, Trucks and Containers:**

Dilute 1:15 parts to clean and deodorize garbage trucks, chutes and metal garbage containers.

**Extreme Build-Up:**

Spray on undiluted. Let stand 3-5 minutes. Rinse with hot water or steam.

**Showers:**

Dilute 1:10. Let stand and rinse.

### PHYSICAL DATA

Appearance	Clear liquid
Color	Colorless
Foam	Medium
Odor	Citrus
pH	1.5 – 2.5
Hydrogen Peroxide (%)	5.0 minimum

# MATERIAL SAFETY DATA SHEET

## SECTION 1 – PRODUCT/MANUFACTURER'S IDENTITY

Product Name: **OXYSLAM**

WHMIS CODE: D2B, E  
 Proper Shipping Name: N/A  
 Hazard Class: N/A  
 UN Number: N/A

Product Use: *Heavy duty degreaser*

HMIS	
1	Health
0	Flammability
1	Reactivity
B	Personal

M-chem Technologies Inc.  
 1607 Derwent Way  
 Delta, BC V3M 6K8, Canada  
 Phone: (604) 526-5655

**EMERGENCY PHONE**  
 Canada: Canutec 613-996-6666  
 U.S.A.: Chemtrec 800-424-9300

A=Goggles, B=Goggles & Gloves  
 C=Goggles, Gloves and Apron

ABBREVIATION KEY: N/A=Not Applicable, N/E=Not Established, N/D=Not Determined, > =Greater Than

## SECTION 2 – HAZARDOUS INGREDIENTS INFORMATION

INGREDIENT	CAS NO.	RANGE %	PEL	TLV
<b>d'LIMONENE</b>	5989-27-5	4.0-8.0	N/A	N/E
LD50 (oral rat)	4400 mg/kg			
LD50 (dermal)	> 5000 mg/kg			
LC50	Not Available			
<b>HYDROGEN PEROXIDE</b>	7722-84-1	4.0-8.0	N/A	N/E
LD50 (oral rat)	1518 mg/kg			
LD50 (dermal)	N/A			
LC50	N/A			

## SECTION 3 – PHYSICAL DATA

**Color and Odor:** Clear, colorless / citrus scent.      **Boiling Point:** N/D      **Vapor Pressure (mm HG):** N/D      **pH:** 1.5-2.5  
**Physical State:** Liquid.      **Melting Point:** N/A      **Vapor Density:** N/D      **Specific Gravity:** 1.041 @ 20°C  
**Coef. Water/Oil Dist:** Greater than 1.0      **Evaporation Rate:** N/D      **Solubility in Water:** Soluble      **Odor Threshold:** No Data

## SECTION 4 – FIRE AND EXPLOSION HAZARD DATA

**Flash Point and Method:** None to 100°C (TCC)      **Sensitivity to Mechanical Impact:** None.      **Conditions of Flammability:** None.  
**Flammable Limits:** None known.      **Sensitivity to Static Discharge:** None.      **Auto ignition Temperature:** None known.  
**Extinguishing Media:** Not flammable. Use extinguishing medias suitable for surrounding areas.  
**Unusual Fire and Explosion Hazards:** None known.  
**Hazardous Combustion Products:** Oxides of carbon.  
**Special Fire Fighting:** Wear NIOSH/MSHA approved, self-contained breathing apparatus for fire fighting situation. Use water spray to cool all nearby fire exposed surfaces.

## SECTION 5 – REACTIVITY DATA

**Chemical Stability:** Stable under normal storage conditions.  
**Hazardous Polymerization:** Will not occur.  
**Incompatibility (material to avoid):** Strong reducing agents, organic compounds.  
**Hazardous Decomposition Products:** Oxides of carbon.

## SECTION 6 – TOXICOLOGICAL DATA

**Exposure Limits:** See Section 2 under Hazardous Ingredient.      **Routes of Entry:** Skin, eyes, inhalation.  
**Irritancy of Product:** Non hazardous by WHMIS criteria.      **Carcinogenicity:** None known.  
**Sensitization:** None known.      **Mutagenicity:** None known.  
**Name of Toxicological Synergistic Product:** None known.      **Reproductive Toxicity:** None known.  
**Teratogenicity:** None known.  
**Effects of Chronic Exposure:** Prolonged or repeated exposure may cause drying, defatting, and dermatitis.  
**Effects of Acute Exposure to Product:** Product exposure may cause irritation on eye contact or whiteness on skin contact. Ingestion may cause vomiting, headache and medical problems.

## SECTION 7 – PREVENTATIVE AND CONTROL MEASURES

**Respiratory Protection:** Use a NIOSH/MSHA approved dust/mist respirator if product is misted/sprayed in confined areas.  
**Ventilation:** Good general ventilation or local exhaust ventilation for spraying and misting in confined areas.  
**Protective Gloves:** Natural or butyl rubber, nitrile or neoprene gloves.  
**Eye Protection:** Chemical goggles, safety goggles or glasses.  
**Protective Clothing and Equipment:** Long sleeve clothing. Eyes wash recommended in the immediate work area.  
**Storage and Handling Procedures:** Use good Industrial hygiene. Avoid contact with skin, eyes and clothing. Store in a cool, dry place away from incompatibles. Keep container closed when not in use. Do not mix with other chemicals. Store at temperatures below 30°C and keep from freezing.  
**Disposal Procedures for Spills or Leaks:** Wear protective equipment. Dike and contain large spills. Pump spills into an approved waste container. For small spills, soak up with a suitable absorbent such as clay, soil or commercially available absorbents, and then dispose of into an approved waste container. Keep away from sewers and natural waters.  
**Waste Disposal Method:** Reuse if possible. Otherwise dispose recovered material in accordance with all local, Provincial or Federal regulations.  
**Special Shipping Information:** Store at temperature below 30°C. Keep from freezing.

## SECTION 8 – EMERGENCY FIRST AID PROCEDURES

**First Aid:**  
 If swallowed, give plenty of clean water to drink to dilute product. Do not induce vomiting. Call a Physician. In case of contact with eyes, flush with clean water for 15 minutes. Get medical attention. For contact with skin, wash with clean water and rinse well. If irritation occurs or persists, get medical attention.

## PREPARATION DATA

PREPARED BY: Technical Service / Regulatory Division      PHONE: 604-526-5655      LAST UPDATE: 09/21/09  
 THE INFORMATION PROVIDED IN THIS MATERIAL SAFETY DATA SHEET HAS BEEN OBTAINED FROM CURRENT SOURCES AND IS BELIEVED TO BE RELIABLE.