

# MATERIAL SAFETY DATA SHEET



## 1. CHEMICAL PRODUCT AND COMPANY IDENTIFICATION

**Product Name:** Oxy-Pro™ Formula I  
**Product Code:** OP001

**Manufacturer:**  
PGT, Inc.  
911 KCK Way  
Cedar Hill, Texas 75104  
(972) 293-6558

**Emergency Telephone Numbers:**  
(469) 337-8405  
(469-337-8405)

PO Box 540562  
Merritt Island, FL 32954-0562  
866-449-0324

**Chemical Name:** Oxy-Pro™  
**CAS Nos:** Proprietary  
**Chemical Formula:** Proprietary  
**Hazard:** None  
**Date of MSDS Preparation/Revision:** September 2007

EPA Facility Number: 82780-TX-001  
NSF Certification No. 138060

## 2. COMPOSITION/INFORMATION ON INGREDIENTS

% Active Component: <15%  
**Hydrogen Dioxide** CAS# 7722-84-1

% Inert Ingredients: > 85%

Proprietary – Non Halogenated Ingredients are used in this product. All ingredients are listed on the inventory listing for TSCA for countries that maintain TSCA Inventories.

None of the ingredients in this product are subject to the reporting requirements of SARA Title III.

The Toxicity Rating for this product in a Category IV and may be considered “exempt” or “GRAS”  
Product does NOT contain: aldehydes, amines, phenols, hydrocarbons or halogenated compounds.

## 3. HAZARDS IDENTIFICATION

### HMIS:

**Health:** 1  
**Flammability:** 0  
**Reactivity:** 0  
**Protective Equipment:** See protective equipment in Section 8

### Potential Health Effects:

**Eye Contact:** Possible eye redness, tearing and blurred vision.  
**Skin Contact:** Possible skin redness and irritation with continuous contact to concentrate product. May cause stinging sensation upon contact with concentrate product.  
**Skin Absorption:** Not known to absorb; may penetrate top skin layer and cause irritation with repeated and prolonged use.  
**Ingestion:** May cause gastrointestinal irritation if large quantities are ingested;  
Do not induce vomiting.

---

#### 4. FIRST AID

Eye Contact First Aid: Flush with water immediately. Call physician if irritation persists.  
Skin Contact First Aid: Wash exposed area with soap and water after removing clothing.  
Ingestion First Aid: Dilute by drinking water or milk. Do not induce vomiting.  
Inhalation First Aid: No effects are anticipated. If breathing stops, remove to fresh air.  
The EPA establishes the rating for First Aid Statements for this Category is IV (none required)

---

#### 5. FIRE FIGHTING MEASURES

Flammable Properties: This product is non-flammable, however liberates oxygen which supports combustion.  
Flash Point: Not applicable, will not flash.  
Method: Not applicable.  
Flammability Limits: Lower Explosion Limits: Not flammable.  
Upper Explosion Limits: Not flammable.  
Auto-ignition Temperature: Not applicable.  
Hazardous Combustion Products: None reported.  
Fire/Explosion Hazards: Product liberates oxygen which supports combustion. Keep away from flames.  
Static Discharge: None reported.  
Mechanical Impact: None reported.  
Extinguishing Media: Flood with water as appropriate to surrounding fire conditions.  
Fire Fighting Instructions: As in any fire, wear self-contained breathing apparatus pressure-demand and full protective gear. Evacuate area and fight fire from a safe distance.

---

#### 6. ACCIDENTAL RELEASE MEASURES

Spill Response Notice:  
Only persons properly qualified to respond to an emergency involving hazardous substances may respond to a spill according to federal regulations (OSHA 29 CFR 1910.120(a)(v) and per your company's emergency response plan and guidelines/procedures. See Section 13, Special Instructions for disposal assistance.

Containment Technique: Stop spilled material from being released to the environment.  
Clean-up Technique: Scoop up spilled material into a contained area and dilute with water. Flush reacted material to the drain with a large amount of excess water.  
Evacuation Procedure: Evacuate as necessary to perform spill clean-up. If conditions warrant, increase the size of the evacuation.

Special Instructions (for accidental release): Not applicable.  
DOT Emergency Response Guide Number: Not applicable.

---

#### 7. HANDLING/STORAGE

Handling: Maintain general industrial hygiene practices when using this product.  
Do not pour unused portions back into original container.  
Storage: Store in a cool, dry, well-ventilated area using venting container lids at room temperature. DO NOT ALLOW TO FREEZE. Shelf life: use this product prior to the expiration of 12 months from date of manufacture.  
Flammability Class: Keep away from chlorine and other halogenated compounds. Never mix with chlorine out of water. NA – however, product contains oxygen which supports combustion. Keep away from flames and extreme heat.

---

---

## 8. EXPOSURE CONTROLS/PROTECTIVE EQUIPMENT

Engineering Controls:	Maintain general industrial hygiene practices when using this product.
Personal Protective Equipment	
Eye Protection:	Wear splash goggles when pouring or handling.
Skin Protection:	Wear waterproof gloves and shoes when handling.
Inhalation Protection:	Not applicable.
Precautionary Measures:	Not applicable.
TLV:	Not established
PEL:	Not established

---

## 9. PHYSICAL/CHEMICAL PROPERTIES

Appearance:	Clear
Physical State:	Liquid
Molecular Weight:	92.0496
Odor:	Very slightly acrid
pH:	± 2.0
Vapor Pressure:	Same as water
Vapor Density (air=1):	Not applicable
Boiling Point:	214° F
Freezing Point:	Minus 5 degrees C
Melting Point:	Not determined
Specific Gravity (water=1):	1.04
Evaporation Rate (water =1):	>1
Volatile Organic Compounds:	Not applicable
Biodegradability:	14 days = 80%
ASTM Method D-2667-82/ASTM D-2667-89:	45.95% @.002%=7 days
ASTM Method D-2667-82/ASTM D-2667-89:	97.52% @ .002%=14 days
Solubility:	
Water:	Soluble
Acid:	Soluble
Other:	Not determined
Metal Corrosivity	
Steel:	0.7 Inch Per Year @ 18% (ASTM G31-72)
Aluminum:	0.0 Inch Per Year @ 18% (ASTM G31-72)

---

## 10. STABILITY/REACTIVITY

Chemical Stability:	Stable when stored under proper conditions.
Conditions to Avoid:	Extreme temperatures, fire or open flame, chlorine.
Incompatible Products:	Pure concentrations of chlorine or other halogenated compounds.
Hazardous Decomposition:	No hazardous decomposition products are known.
Hazardous Polymerization:	Will not occur.

---

## 11. TOXICOLOGICAL INFORMATION

Product Toxicological Data:	
LC50 (fathead)	NOEC= ≥500mg/L LOEC=≤1,000 mg/L MAWC= 707 mg/L
Dermal Toxicity:	Non irritating
Skin & Eye Irritation:	Mild irritant
Mutation Data:	None reported
Reproductive Effects:	None reported

---

**12. ECOLOGICAL INFORMATION**

Product ecological data: No data available for this product.  
Ingredient ecological data: All ingredients decompose to water, O<sub>2</sub>, CO<sub>2</sub>.  
Biodegradation: >80% in 14 days

---

**13. DISPOSAL CONSIDERATIONS**

EPA Waste Permit Number: Not necessary.  
Special Instructions (Disposal): Comply with all federal, state or local regulations and laws when disposing of any chemical.  
Empty Containers: Rinse and dispose as normal trash-always follow local rules and regulations.  
NOTICE: These disposal guidelines are based on federal regulations and may be superseded by more stringent state or local requirements. Please consult your local environmental regulators for more information.

---

**14. TRANSPORT INFORMATION**

D.O.T.  
Proper shipping name: Non-hazardous liquid, NOI  
Hazard Class: Not applicable  
Subsidiary Risk: Not applicable  
ID Number: Not applicable  
Packing Group: Not applicable

---

**15. REGULATORY INFORMATION**

U.S. Federal Regulations  
O.S.H.A.: This product does not meet the criteria for a hazardous substance as defined in the Hazard Communication Standard. (29 CFR 1910.1200)

EPA  
S.A.R.A. Title III, Section 311/312 Categorization (40 CFR 370): This product is not hazardous under 29 CFR 1910.1200 and therefore is not covered by Title III under SARA.  
S.A.R.A. Title III, Section 313 (40 CFR 372): This product does NOT contain any chemical subject to the reporting requirements of Section 313 of SARA, Title III.  
Clean Water Act (40 CFR 116.4) Not applicable.

State Regulations  
Identification of Prop. 65 Ingredient(s): None

National Inventories  
TSCA CAS Numbers: Proprietary

---

**16. OTHER INFORMATION**

**USER RESPONSIBILITY:** Each user should read and understand this information and incorporate it in individual site safety programs in accordance with applicable hazard communication standards and regulations. Hydrogen peroxide is approved by the US EPA for various uses and disinfection applications. **THIS IS A PATENTED PRODUCT WHICH IS PROTECTED BY INTERNATIONAL AND NATIONAL PATENT LAWS. US Patent No. 7,179,389.**

**THE INFORMATION CONTAINED HEREIN IS BASED ON DATA CONSIDERED TO BE ACCURATE. HOWEVER, NO WARRANTY IS EXPRESSED OR IMPLIED REGARDING THE ACCURACY OF THESE DATA OR THE RESULTS TO BE OBTAINED FROM THE USE THEREOF.**