

# MATERIAL SAFETY DATA SHEET

## SECTION 1. PRODUCT AND COMPANY IDENTIFICATION

**Product name:** PX Aerosol Oven Cleaner  
**Company:** CUSTOM SOLUTION, INCORPORATED  
**Address:** 4120 NE Porte Drive, Lee's Summit, MO 64064  
**Emergency Phone:** (816) 847-6905  
**MSDS Date:** 24 October 2007

## SECTION 2. INFORMATION ON INGREDIENTS

Ingredient	Concentration	CAS No.	EC No.	Hazard Label
Water	86%	7732-18-5	231-791-2	/
Butane	6%	106-97-8	203-448-7	Extremely Flammable
Sodium hydroxide	5%	1310-73-2	215-185-5	Corrosive
Smectite-group minerals	1%	1299-37-0	235-374-6	/

## SECTION 3. HAZARDS IDENTIFICATION

**Hazards Identification:** Aerosols, non-flammable, containing substances in Class 8, Packing Group II, Class 2.2(8)

**Emergency Overview:** Corrosive. Severe eye irritation. Irritating to skin. May be harmful if swallowed.

**HMIS Ratings:** Health: 3 Flammability: 2 Physical Hazard: 0

**Hazard Scale:** 0 = Minimal 1 = Slight 2 = Moderate 3 = Serious 4 = Severe  
\* = Chronic hazard

**NFPA Ratings:** Health: 3 Flammability: 2 Reactivity: 0

**Hazard Scale:** 0 = Minimal 1 = Slight 2 = Moderate 3 = Serious 4 = Severe

## SECTION 4. FIRST-AID MEASURES

**Skin Exposure:** In case of contact, immediately wash skin with soap and copious amounts of water for at least 15 minutes. If irritation persists, call a physician

**Eye Exposure:** In case of contact with eyes, flush with copious amounts of water for at least 15 minutes. Assure adequate flushing by separating the eyelids with fingers. Call a physician

**Inhalation Exposure:** If inhaled, remove to fresh air. If not breathing give artificial respiration. If breathing is difficult, give oxygen

**Oral Exposure:** If swallowed, wash out mouth with water provided person is conscious. Do not induce vomiting. Call a physician

## SECTION 5. FIRE FIGHTING MEASURES

**Flammable Hazards:** Contains flammable component

**Explosion Hazards:**

Vapor may travel considerable distance to source of ignition and flash back. Container explosion may occur under fire conditions.

**Extinguishing Media:**

Suitable: Carbon dioxide. Dry chemical powder.

Use water spray or fog nozzle to keep cylinder cool. Move cylinder away from fire if there is no risk.

**Firefighting:**

Protective Equipment: Wear self-contained breathing apparatus and protective clothing to prevent contact with skin and

**PX Aerosol Oven Cleaner**  
**Item CS3000GC-Case12**  
**Quick Identifier**

eyes

**Specific Hazard(s):** Vapor may travel considerable distance to source of ignition and flash back. Emits toxic fumes under fire conditions.

**Specific Method(s) of Fire Fighting:** Do not extinguish burning gas if flow cannot be shut off immediately. Use water spray or fog nozzle to keep cylinder cool. Move cylinder away from fire if there is no risk.

## **SECTION 6. ACCIDENTIAL RELEASE MEASURES**

### **Procedure to be Followed in Case of Leak or Spill**

Evacuate area and keep personnel upwind. Shut off all sources of ignition. Shut off leak if there is no risk.

### **Procedure(s) of Personal Precaution(s)**

Wear self-contained breathing apparatus, rubber boots, and heavy rubber gloves.

### **Methods for Cleaning up**

Ventilate area and wash spill site after material pickup is complete

## **SECTION 7. HANDLING AND STORAGE**

**Handling:** Ensure adequate ventilation. User Exposure: Avoid breathe vapor. Avoid get in eyes, on skin, on clothing. Avoid prolonged or repeated exposure. Keep away from open flames, hot surfaces and sources of ignition. Do not puncture or incinerate. Use only according to label directions. Materials to Avoid: acids, active metals and oxidizing agents.

**Storage:** Suitable: Keep tightly closed. Keep away from heat, sparks, and open flame. Use with equipment rated for cylinder pressure, and of compatible materials of construction. Materials to Avoid: acids, active metals and oxidizing agents.

**Unsuitable:** Store away from heat and direct sunlight

**NFPA Storage:** LEVEL 1 AEROSOL

## **SECTION 8. EXPOSURE CONTROL/PPE**

**Engineering Controls:** Use ventilation equipment if available. Safety shower and eye bath

### **Personal Protective Equipment:**

**Respiratory:** Government approved respirator if needed.

**Eye:** Chemical safety goggles

**Clothing:** Wear appropriate protective clothing

**Hand:** Compatible chemical-resistant gloves.

**Other Protect:** No smoking, drinking and eating at working site. Wash thoroughly after handling. Wash contaminated clothing before reuse.

## **SECTION 9. PHYSICAL/CHEMICAL PROPERTIES**

**Appearance:** Multicolor metal compressed air tank (containing white foam)

**Odor:** Weak odor

**pH:** 10~11

**Solubility:** Miscible in water

## **SECTION 10. STABILITY AND REACTIVITY**

**Stability:** Stable under normal temperatures and pressures.

**Materials to Avoid:** acids, active metals and oxidizing agents.

**Hazardous Polymerization:** Will not occur.

**Hazardous Decomposition Products:** CO, CO<sub>2</sub>, Metal oxides

## **SECTION 11. TOXICOLOGICAL INFORMATION**

**Toxicity Data:** Not data available May be harmful if swallowed

**Irritating Data:** Severe eye irritation Irritating to skin

## **SECTION 12. ECOLOGICAL INFORMATION**

No data available

## **SECTION 13. DISPOSAL CONSIDERATIONS**

**Appropriate Method of Disposal of Substance:** Contact a licensed professional waste disposal service to dispose of this material  
Observe all federal, state, and local environmental regulations.

## **SECTION 14. TRANSPORTATION INFORMATION**

### **IATA**

Proper Shipping Name: Aerosols, non-flammable, containing substances in Class 8, Packing Group II

UN Number: 1950

Class: 2.2

Sub risk: 8

### **IMDG Code:**

Proper Shipping Name: Aerosols (maximum 1L)

Class: 2

UN Number: 1950

### **DOT**

UN 1950 Aerosols, corrosives, Packing Group II, Class 2.2(8)

*Exception:* (corrosives PG II not more than 1.0L or 1.0kg) Consumer Commodity ORM-D

## **SECTION 15. REGULATORY INFORMATION**

### **EU Additional Classification:**

R 34/41 Irritating to skin. Risk of serious damage to eyes.

S 2.2/2.5/2.6

**Safety Statements:** Keep out of reach of children. Avoid contact with skin and eyes. In case of contact with eyes, rinse immediately with plenty of water and seek medical advice.

## **SECTION 16. OTHER INFORMATION**

This information relates only to the specific material designated and may not be valid for such material used in combination with any other materials in any other process. The stated MSDS is reliable to the best of the company's knowledge and believed accurate as the date indicated. However, no representation, warranty or guarantee of any kind, expressed or implied, is made as to its accuracy, reliability or completeness and we assume no responsibility for any loss, damage or expense, direct or consequential, arising out of use. It is the user's responsibility to satisfy himself as the suitability and completeness of such information for his own particular use.

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The submission of this MSDS may be required by law, but this is no assertion that the substance is hazardous when used in accordance with proper safety practices and normal procedures. Data supplied is for use only in connection with occupation safety and health.