

PRODUCT NAME: ABRO Oven Cleaner  
PRODUCT NUMBER/SIZE: OC-700

Rev Date: 9/14/2015

## SECTION 1 Identification of the Substance and of the Company/Undertaking

MANUFACTURER'S NAME: ABRO INDUSTRIES, INC.  
ADDRESS: 3580 Blackthorn Court  
South Bend, IN 46628  
USA  
PRODUCT DESCRIPTION: Oven Cleaner  
COMPANY PHONE: 574-232-8289  
EMERGENCY 24-HR TELEPHONE: Chemtrec: US/Canada 1-800-424-9300  
International +1-703-527-3887

## SECTION 2 Hazards Identification

### Classification:

Flammable aerosols Category 1  
Health hazards Skin corrosion/irritation Category 1A  
Serious eye damage/eye irritation Category 1

### Label Pictogram(s):



Signal Word: DANGER

Hazard Phrases: Extremely flammable aerosol. Pressurized container: may burst if heated  
May be fatal if swallowed and enters airways. Causes serious eye irritation.  
May cause drowsiness or dizziness. May cause respiratory irritation.

Precautionary Phrases: Keep away from heat/sparks/open flames/hot surfaces. No smoking. Do not spray on an open flame or other ignition source. Pressurized container: Do not pierce or burn, even after use. Wash thoroughly after handling. Wear protective gloves/protective clothing/eye protection/face protection.

Response: If swallowed: Rinse mouth. Do NOT induce vomiting. If on skin (or hair): Take off immediately all contaminated clothing. Rinse skin with water/shower. If inhaled: Remove person to fresh air and keep comfortable for breathing. If in eyes: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Immediately call a poison center/doctor. Specific treatment (see this label). Wash contaminated clothing before reuse.

**Storage /  
Disposal:**

Store locked up. Protect from sunlight. Do not expose to temperatures exceeding 50°C/122°F. Dispose of contents/container in accordance with local regulations.

**Other:**

Keep out of reach of children.

### SECTION 3 Composition/Information on Ingredients

<u>COMPONENTS</u>	<u>CAS Number</u>	<u>Percent by weight</u>	<u>OSHA PEL</u>	<u>ACGIH TLV</u>	<u>Other</u>
Ethylene Glycol Monobutyl Ether	111-76-2	0.81	50 ppm 240mg/m <sup>3</sup>	20 ppm	
Sodium Hydroxide	1310-73-2	10.00	2mg/m <sup>3</sup> Ceiling	2mg/m <sup>3</sup> Ceiling	2mg/m <sup>3</sup> CEV(Ontario)
Liquefied Petroleum Gas	68476-86-8	23.00			
Propane	74-98-6		Unknown	1000 ppm	
n-Butane	106-97-8		Unknown	800 ppm	

### SECTION 4 First Aid Measures

Inhalation	Remove victim to fresh air. Apply artificial respiration if necessary. Get medical attention.
Eye Contact	Immediately flush eyes with water for at least 15 minutes. Get medical attention immediately.
Skin Contact	Remove contaminated clothing and wash skin with soap and water. Get medical attention if irritation develops and persists or if burns appear on skin.
Ingestion	<b>DO NOT</b> induce vomiting. Get medical attention immediately. If victim is alert, rinse mouth with water and give milk or water to drink.

### SECTION 5 Fire Fighting Measures

Extinguisher Media      Foam, Dry Chemical, CO<sub>2</sub>  
Flammability per Flame Projection Test    NON-FLAMMABLE

**SPECIAL FIRE FIGHTING PROCEDURES:** Keep containers cool using water spray to avoid bursting containers. Wear full firefighting turn-out gear and respiratory protection.

**UNUSUAL HAZARDS:** Contents under pressure. Do not use near fire, sparks, or flame. Do not puncture or incinerate container. Exposure to temperatures above 120°F may cause container to burst.

### SECTION 6 Accidental Release Measures

**PROCEDURES FOR CLEANING UP LEAKS AND SPILLS:** Absorb spill with inert material then place in a chemical waste container. Dispose of spill material in accordance with local, state or federal regulations.

## SECTION 7

### Handling and Storage

**HANDLING: DANGER: CORROSIVE.** Causes burns to the eyes and skin. Respiratory irritant. Harmful or fatal if inhaled or swallowed. Contents under pressure. Do not get on skin, in eyes or on clothing. Avoid inhalation of vapors. Use in a well ventilated area only. **STORAGE:** Keep out of reach of children. Do not store near heat, sparks, or open flames. Do not expose to temperatures above 120°F as container may vent, rupture or burst. Do not puncture or incinerate container. Do not store in direct sunlight. Store in a cool, dry, well-ventilated area away from incompatible materials. Store in accordance with NFPA 30B for Level 1 Aerosols.

## SECTION 8

### Exposure Controls/Personal Protection

See Section 3 for applicable exposure limits.

**ENGINEERING CONTROLS:** Maintain adequate ventilation.

**PERSONAL PROTECTIVE EQUIPMENT:** Use respirator only as a last resort to control exposure.

Wear **CHEMICAL RESISTANT GLOVES** if repeated skin contact occurs or causes irritation.

Wear **SAFETY GLASSES** or **GOGGLES** to prevent eye contact.

## SECTION 9

### Physical and Chemical Properties

<b>Physical State</b>	Mixture packaged in pressurized aerosol spray can.
<b>Appearance and Odor (Concentrate)</b>	White, opaque slightly viscous liquid with a citrus odor
<b>Specific Gravity (Concentrate)</b>	1.04 – 1.06g/mL
<b>pH</b>	12.5 – 13.5
<b>Evaporation Rate (BuAc=1)</b>	<1.0
<b>Boiling Point</b>	>100°F
<b>%-VOC CONTENT</b>	5.80%
<b>CARB VOC Category/Standard (%)</b>	EXPORT
<b>OTC Model Rule Category/Standard (%)</b>	EXPORT
<b>US EPA Cons Prod Category/Standard (%)</b>	EXPORT

## SECTION 10

### Stability and Reactivity

**STABILITY:** Product is stable.

**CONDITIONS TO AVOID:** heat, sparks, open flames and temperatures above 120°F

**HAZARDOUS POLYMERIZATION:** Will not occur.

**INCOMPATIBILITIES:** Avoid contact with strong oxidizers, organic materials, Aluminum, Magnesium, Strong Mineral and organic acids, zinc.

**HAZARDOUS DECOMPOSITION PRODUCTS:** CO, CO<sub>2</sub>

## SECTION 11

### Toxicological Information

Acute oral toxicity: LD 50 Guinea pig: 1,200 mg/kg

Acute inhalation toxicity: LC 50 Guinea pig: >633 ppm, 1h

Acute dermal toxicity: LD 50 Guinea pig: >2,000mg/kg

## SECTION 12

### Ecological Information

NO DATA AVAILABLE

## SECTION 13

### Disposal Considerations

Before offering for recycling, empty the container by using the product according to the label. If recycling is not available, wrap the container and discard in the trash. Dispose of unused product in accordance with regulations.

## SECTION 14

### Transport Information

Multi-modal shipping descriptions are provided for informational purposes and do not consider container sizes. The presence of a shipping description for a particular mode of transport (ocean, air, etc.), does not indicate that the product is packaged suitably for that mode of transport. All packaging must be reviewed for suitability prior to shipment, and compliance with the applicable regulations is the sole responsibility of the person offering the product for transport.

<b>U.S. DOT</b>	UN/ID Number: UN1950 Proper shipping name: Aerosol, flammable Hazard class: 2.1 Packing Group: III Exceptions: May be shipped as a limited quantity or consumer commodity Environmental Hazards: Transport in Bulk: Special Precautions:
<b>IMO/IMDG</b>	UN/ID Number: UN1950 Proper shipping name: Aerosols Hazard class: 2.1 Packing Group: III Exceptions: May be shipped as a limited quantity Environmental Hazards: Transport in Bulk: Special Precautions: EmS F-D, S-U
<b>ICAO/IATA</b>	UN/ID Number: UN1950 Proper shipping name: Aerosols, flammable, containing substances in Class 8, Packing Group III Hazard Class: 2.1 Packing Group: III Exceptions: May be shipped as a limited quantity Environmental Hazards: Transport in Bulk: Special Precautions:
<b>Canada (TDG)</b>	UN/ID Number: UN1950 Proper shipping name: Aerosols Hazard class: 2.1 Packing Group: III

Exceptions: May be shipped as a limited quantity or consumer commodity  
Environmental Hazards:  
Transport in Bulk:  
Special Precautions:

**Europe  
(ADR/RID)** UN/ID Number: UN1950  
Proper shipping name: Aerosols  
Hazard class: 2.1  
Packing Group: III  
Exceptions: May be shipped as a limited quantity  
Environmental Hazards:  
Transport in Bulk:  
Special Precautions: Tunnel restriction code (E)

## SECTION 15 Regulatory Information

This product is considered to be hazardous under the OSHA Hazard Communication Standard (29 CFR 1910.1200).

Section 313 Information (40 CFR 372): This product does not contain chemicals listed in Section 313 at or above the de minimis concentrations. NONE

U. S. Toxic Substance Control Act (TSCA): All components of this product are listed on the U.S. Toxic Substance Control Act (TSCA) Chemical Substance Inventory.

Proposition 65 – California Safe Drinking Water and Toxic Enforcement Act of 1986  
This product is not known to contain any chemicals currently listed as carcinogens or reproductive toxins under California Proposition 65 at levels which would be subject to the proposition.

### **HMIS**

Health – 3  
Flammability – 1  
Physical – 0  
PPE –

### **NFPA**

Health – 3  
Flammability – 1  
Instability – 0  
Special Hazard -

## SECTION 16 Other Information

The supplier disclaims all expressed or implied warranties of merchantability or fitness for a specific use, with respect to the product or the information provided herein, except for conformation to contracted specifications. All information appearing herein is based upon data obtained from manufacturers and/or recognized technical sources. While the information is believed to be accurate, we make no representations as to its accuracy or sufficiency. Conditions of use are beyond our control, and therefore users are responsible for verifying the data under their own operating conditions to determine whether the product is suitable for their particular purposes and they assume all risks of their use, handling, and

disposal of the product. Users also assume all risks in regards to the publication or use of, or reliance upon, information contained herein.

This information relates only to the product designated herein, and does not relate to its use in combination with any other material or process.

**ABBREVIATIONS:**

NG="NOT GIVEN"

<="LESS THAN"

ND = Not Determined

BT="BETWEEN"

>="GREATER THAN"

NA = Not Applicable