

# Material Safety Data Sheet

## ATOMIC 235™ Heavy-Duty Degreaser and Engine Cleaner

**Product Number: 67730**

# CERTOL®

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Certol International, LLC urges each recipient of the MSDS to read it carefully to understand the hazards associated with the product. The reader should consider consulting reference works or individuals who are experts in ventilation, toxicology and fire prevention, as needed to understand the data in the MSDS.

To promote safe handling, each recipient of the MSDS should: (1) notify anyone using the material of the MSDS information regarding hazards or safety; (2) furnish the MSDS information to customers purchasing the product; and (3) request the customers furnish MSDS information to all users.

### Emergency and First Aid Procedures

**Swallowing:** Rinse mouth and throat thoroughly with water. Drink large amounts of water. DO NOT induce vomiting. Do not give anything by mouth to an unconscious or convulsing person. Seek medical attention immediately.

**Skin Contact:** Wash skin with flowing water or shower. If irritation persists, seek medical attention.

**Inhalation:** Remove the affected victim from exposure. Administer artificial respiration if breathing stopped. Seek medical attention immediately.

**Eye Contact:** Flush eyes with water for 15 minutes. If irritation persists, seek medical attention.

#### 1. Identification

**Product Name:** ATOMIC 235™ Heavy-Duty Degreaser and Engine Cleaner

**Chemical Name:** Blend

#### 2. Hazards

PRINCIPAL HAZARDOUS COMPONENTS	CAS #
Ethylene Glycol BE	111-76-2
Caustic Soda	1310-73-2

#### 3. Physical Data

**Appearance:** Purple liquid

**Odor:** Citrus

**Solubility in Water:** Complete

**Boiling Point:** Over 210°F (99°C)

**Freezing Point:** Below 32°F (0°C)

**Vapor Density (Air=1):** > 1

**Evaporation Rate (BuAc=1):** < 1

**Specific Gravity:** 1.008 @ 68°F (20°C)

**pH Concentrate:** 13.5

#### 4. Fire and Explosion Hazard

**Flash Point:** No data

**Flammable Limits in Air:** No data

**Special Fire Fighting Procedures:** Wear self-contained breathing apparatus and protective clothing.

**Unusual Fire and Explosion Hazards:** None known

**Extinguishing Media:** No specific requirement

#### 5. Health Hazard Data

COMPONENT	OSHA/ PEL	ACGIH/ TLV
Ethylene Glycol BE	50 ppm	20 ppm
Caustic Soda	2 mg/m <sup>3</sup>	2 mg/m <sup>3</sup>

#### Effect of Overexposure:

**Swallowing:** May cause burns, tissue ulceration, diarrhea, and vomiting

**Skin Contact:** May cause irritation and burns if not washed immediately

**Inhalation:** May cause irritation, coughing, nausea, and headache

**Eye Contact:** Short-term contact may cause irritation. Prolonged contact may cause irreversible damage to eye.

#### Carcinogenicity:

NTR: No

IARC: No

OSHA: No

## 6. Reactivity Data

**Stability:** Stable at normal conditions

**Conditions to Avoid:** None known at normal conditions

**Incompatibility (Materials to Avoid):** Strong acids and oxidizers

**Hazardous Combustion or Decomposition**

**Products:** None known at normal conditions

**Hazardous Polymerization:** Will not occur

## 7. Spill, Leak, and Waste Disposal Procedures

**Steps to be Taken in Case Material is Released or Spilled:** Shovel or sweep spills. Flush remainder with plenty of water. The wet, contaminated surface may be slippery.

**Waste Disposal Method:** Dispose according to all local, state, and federal regulations.

## 8. Handling and Storage

Store in a closed container in a cool, dry, well-ventilated place away from incompatible materials. Keep out of reach of children.

## 9. Special Protection Information

**Respiratory Protection:** Not normally required. A mask or respirator may be used if vapor concentration is high.

**Ventilation:** Local exhaust or normal facility ventilation

**Protective Gloves:** Water-resistant gloves

**Eye Protection:** Safety goggles and/or face shield.

**Protective Clothing:** Where contact may occur, wear protective clothing.

**Other Protective Clothing or Equipment:** An eyewash station should be nearby and ready for use.

## 10. Regulation Information

**Status on Substance List:** None known

**Federal EPA:** None

**State Right-To-Know:** SARA Sections 311/312  
Ethylene Glycol BE, SARA Title III Hazard Category  
Sodium Hydroxide

## 11. Transportation Data

**Proper Shipping Name:** Corrosive Liquid n.o.s.  
(contains Sodium Hydroxide)

**DOT:** UN1760, Class 8, P.G. III

## CHEMICAL WARNING LABELS

Required on containers, tubs, and bottles, which are filled from original containers with potentially hazardous substances

Hazard rating corresponding to the NFPA Rating System:

- 4 - Extreme
- 3 - High
- 2 - Moderate
- 1 - Slight
- 0 - Insignificant

### NFPA HAZARD RATING

**HEALTH: 2**  
**FLAMMABILITY: 1**  
**REACTIVITY: 0**

## Chemical Warning Label – Certol International, LLC

### ATOMIC 235™ Heavy-Duty Degreaser and Engine Cleaner

No wall reference is necessary

**Product Name:** ATOMIC 235™ Heavy-Duty Degreaser and Engine Cleaner

**Hazardous Chemicals:** Ethylene Glycol BE and Caustic Soda

**Personal Protection:** Gloves, safety goggles, and/or face shield

<u>ROUTE OF ENTRY</u>	<u>HEALTH HAZARD</u>	<u>FIRE HAZARD</u>
<input checked="" type="checkbox"/> Inhalation <input checked="" type="checkbox"/> Ingestion <input checked="" type="checkbox"/> Skin/eye absorption	<input checked="" type="checkbox"/> Irritant <input type="checkbox"/> Carcinogen <input type="checkbox"/> Toxic <input type="checkbox"/> Sensitizer <input type="checkbox"/> Normal Material	<input type="checkbox"/> Below 73°F (23°C) <input type="checkbox"/> Below 100°F (38°C) <input type="checkbox"/> Above 100°F (38°C) & not > 200°F (93°C) <input checked="" type="checkbox"/> Above 200°F (93°C) <input type="checkbox"/> Will Not Burn
<u>TARGET ORGAN EFFECTS</u>	<u>PHYSICAL HAZARD</u>	<u>REACTIVITY</u>
<input checked="" type="checkbox"/> Respiratory <input type="checkbox"/> Heart <input type="checkbox"/> Kidney <input checked="" type="checkbox"/> Eyes <input checked="" type="checkbox"/> Skin <input type="checkbox"/> Prostate <input type="checkbox"/> Blood <input type="checkbox"/> Liver <input type="checkbox"/> CNS <input type="checkbox"/> Other	<input type="checkbox"/> Oxidizer <input type="checkbox"/> Acid <input checked="" type="checkbox"/> Alkali <input checked="" type="checkbox"/> Corrosive <input type="checkbox"/> Use no water <input type="checkbox"/> Radioactive	<input type="checkbox"/> May detonate <input type="checkbox"/> Shock and heat may detonate <input type="checkbox"/> Violent chemical change <input type="checkbox"/> Unstable if heated <input checked="" type="checkbox"/> Stable

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