



# Material Safety Data Sheet

The information presented in these forms is believed to be correct and sufficient to meet the requirements of OSHA Hazard Communication standard (29 CFR 1910.1200) concerning worker's right to know.

This MSDS covers the following Aerove aerosol product.

**PRODUCT NAME:** 860 Glass and Surface Cleaner

## SECTION I - MANUFACTURER IDENTIFICATION

**MANUFACTURER'S NAME:** Aerove Industries, Inc.  
**INFORMATION PHONE:** 775-782-0100  
**DATE REVISED:** March 10, 2008

**ADDRESS:** 1198 Mark Circle, Gardnerville, NV 89410  
**EMERGENCY PHONE:** 1-800-424-9300  
**REASON REVISED:** Updated

## SECTION II - HAZARDOUS INGREDIENTS / SARA III INFORMATION OCCUPATIONAL EXPOSURE LIMITS

HAZARDOUS COMPONENTS	WEIGHT PERCENT	OSHA PEL	ACGIH TLV	ACGIH STEL	LD50 SPECIES & ROUTE	LC50 SPECIES & ROUTE
Hydrocarbon Propellant (CAS 68476-86-8)	1 - 5	1000 ppm	1000 ppm		N / AV	N / AV
Ethanol (CAS 64 17 5)	1 - 5	1000 ppm	1000 ppm		N / AV	N / AV
*Ethylene Glycol Monobutyl Ether (CAS 111-76-2)	1 - 3	50 ppm (skin)	20 ppm (skin)		N / AV	N / AV
*Methanol (CAS 67-56-1)	1 - 3	200 ppm	200 ppm (skin)	250 ppm	6.2 to 12.9g / kg (Rat-Oral)	64,000 ppm / 4 hr (Rat-Inha)
Contains 85 - 95% Water						

\*Indicates toxic chemical(s) subject to the reporting requirements of section 313 of Title III and of 40 CFR 372.

**NOTE:** N / A = Not Applicable or Not Available

## SECTION III - PHYSICAL / CHEMICAL CHARACTERISTICS

**Boiling Point:** N / A  
**Vapor Density:** Heavier than air  
**Evaporation Rate:** Slower than n-Butyl Acetate  
**Specific Gravity (H<sub>2</sub>O=1):** 1.0  
**Solubility in Water:** Infinitely soluble  
**Appearance and Odor:** Clear liquid with bouquet odor  
**pH:** 10

## SECTION IV - FIRE AND EXPLOSION HAZARD DATA

**FLASH POINT:** N / A  
**EXTINGUISHING MEDIA:** Carbon dioxide, dry chemical, water spray.  
**SPECIAL FIRE FIGHTING PROCEDURES:** Use water spray to cool containers exposed to heat or fire to prevent pressure build up. Self-contained breathing apparatus should be used if product is involved in fire.  
**UNUSUAL FIRE AND EXPLOSION HAZARDS:** Treat as cylinders of compressed gas. Closed containers may rupture due to pressure build up from extreme temperature.  
**FLAMMABILITY:** This product when tested according to 16 CFR 1500.45 (Aerosol Flame Propagation Test) is not classified as extremely flammable or flammable.  
**SENSITIVITY TO IMPACT:** Aerosol cans are under pressure. Product will be expelled rapidly if container is punctured.  
**SENSITIVITY TO STATIC DISCHARGE:** Primarily vapors

## SECTION V - REACTIVITY DATA

**STABILITY:** Stable  
**INCOMPATIBILITY (MATERIALS TO AVOID):** Strong oxidizing agents.  
**HAZARDOUS DECOMPOSITION OR BY-PRODUCTS:** Carbon Monoxide, Carbon Dioxide.  
**HAZARDOUS POLYMERIZATION:** Will not occur

## SECTION VI - HEALTH HAZARD DATA

**INHALATION:** Possible irritation or nausea if there is inhalation of spray.  
**SKIN CONTACT:** Possible irritation from contact.  
**EYE CONTACT:** Possible irritation from contact.  
**SKIN ABSORPTION:** Not likely to be absorbed in toxic amounts under normal use.  
**INGESTION:** Not likely in normal use but swallowing large amounts may be harmful.  
**CARCINOGENICITY:** The ingredients are not listed as a human carcinogen by IARC, ACGIH, NTP, or OSHA.  
**TERATOGENICITY:** Not established  
**MUTAGENICITY:** Not established  
**MEDICAL CONDITION GENERALLY AGGRAVATED BY EXPOSURE:** Not established  
**EMERGENCY AND FIRST AID PROCEDURES:** INHALATION - Remove from exposure, seek medical attention if signs/symptoms persist.  
 SKIN - Wash affected area with soap and water, remove contaminated clothing, seek medical attention if irritation persists.  
 EYES - Flush immediately with water for 15 minutes, seek medical attention if irritation persists.  
 INGESTION - Do NOT induce vomiting, drink plenty of water, seek medical attention.

## SECTION VII - PRECAUTIONS FOR SAFE HANDLING AND USE

**STEPS TO BE TAKEN IN CASE MATERIAL IS RELEASED OR SPILLED:** Rinse area with water.  
**WASTE DISPOSAL METHOD:** Allow to evaporate. Do not incinerate closed containers.  
**PRECAUTIONS TO BE TAKEN IN HANDLING AND STORING:** Do not store above 120° F (49° C). Do not store or use near heat, sparks or flame.  
**OTHER PRECAUTIONS:** Do not smoke while using this product.

## SECTION VIII - CONTROL MEASURES

**RESPIRATORY PROTECTION:** In areas with poor ventilation, use a NIOSH approved Organic Vapor Cartridge Respirator. For concentrations above the TLV (as defined in Section II), use a positive air supplied respirator.  
**VENTILATION:** General ventilation to maintain exposure limits below TLV's as defined in Section II.  
**PROTECTIVE GLOVES:** In normal use, gloves are not needed. Chemical resistant gloves such as Neoprene or Nitrile rubber are recommended for prolonged use.  
**EYE PROTECTION:** Safety glasses or goggles.  
**OTHER PROTECTIVE CLOTHING OR EQUIPMENT:** Not established.  
**WORK / HYGIENIC PRACTICES:** Avoid prolonged or repeated contact. Do not breathe vapors. Wash contaminated clothing prior to reuse.

## SECTION IX - DISCLAIMER

THE INFORMATION CONTAINED HEREIN IS BELIEVED TO BE ACCURATE BUT IS NOT WARRANTED TO BE SO. NOTHING CONTAINED HEREIN CONSTITUTES A SPECIFICATION NOR IS IT INTENDED TO WARRANT SUITABILITY FOR THE INTENDED USE.