



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 AerVOE bulk product.

PRODUCT NAME:

8060 Nfp Safety Solvent

SECTION I - MANUFACTURER IDENTIFICATION

MANUFACTURER'S NAME: AerVOE Industries Inc.
INFORMATION PHONE: 775-782-0100
DATE REVISED: April 25, 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	LD50 SPECIES & ROUTE	LC50 SPECIES & ROUTE
*Trichloroethylene (CAS 79-01-6)	> 99	100 ppm	50 ppm	4920 mg / kg (Rat-Oral) 10,000 mg / kg (Rabbit-Skin)	12,500 ppm / 4 hr (Rat-Inha)

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

NOTE: N / AP = Not Applicable N / AV = Not Available

SECTION III - PHYSICAL / CHEMICAL CHARACTERISTICS

Boiling Point: 189° F (87° C)
Vapor Density: Heavier than air
Evaporation Rate: Slower than Ether

Specific Gravity (H₂O=1): 1.5
Solubility in Water: approximately 0.1%
Appearance and Odor: Clear, colorless liquid with irritating odor at high concentrations.

SECTION IV - FIRE AND EXPLOSION HAZARD DATA

FLASH POINT: None
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: Closed containers may rupture due to pressure build up from extreme temperature.
FLAMMABILITY: Product does not meet flammable or combustible classification requirements.
SENSITIVITY TO IMPACT: Product will be leak if container is punctured
METHOD USED: TCC
FLAMMABLE LIMITS - LEL: 8.0% **UEL:** 10.5%
SENSITIVITY TO STATIC DISCHARGE: Primarily vapors

SECTION V - REACTIVITY DATA

STABILITY: Stable
CONDITIONS TO AVOID: Open flames, sparks, electrical arcs.
INCOMPATIBILITY (MATERIALS TO AVOID): Metal powders such as Aluminum, Magnesium, Potassium, Sodium, and Zinc. Strong bases in Aluminum or its alloys.
HAZARDOUS COMBUSTION OR BY-PRODUCTS: Carbon Monoxide. May include Hydrogen Chloride and trace amounts of Phosgene and Chlorine.
HAZARDOUS DECOMPOSITION OR BY-PRODUCTS: Hydrogen Chloride and very small amounts of Phosgene and Chlorine.
HAZARDOUS POLYMERIZATION: Will not occur

SECTION VI - HEALTH HAZARD DATA

INHALATION: Respiratory tract irritant. May cause dizziness, light-headedness and / or headaches.
SKIN CONTACT: Prolonged or repeated contact may cause irritation and dermatitis.
EYE CONTACT: Painful with slight to moderate irritation.
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: Trichloroethylene is not listed as a human carcinogen by OSHA. It is listed by ACGIH as TLV-A5, "Not suspected as a Human Carcinogen"; by NTP as R "Reasonably Anticipated To Be A Human Carcinogen"; by IARC as 2A "Probably Carcinogenic to Humans".
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: Remove all sources of ignition. Ventilate area. Prevent from entering a watercourse. Use an inert absorbent material and non-sparking type tools.
WASTE DISPOSAL METHOD: Dispose of in accordance with local, state and federal regulations. 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: Chemical resistant gloves such as Neoprene or Nitrile rubber.
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.