



SECTION 1 - Product Information

Product Identifier: 8260 Heavy Duty Citrus Cleaner & Degreaser**Product Use:** Cleaner**Manufacturer's Name:** AerVOE Industries Inc.**Address:** 1100Mark Circle, Gardnerville, NV 89410**Emergency Phone:** 1-800-424-9300**Preparation Date:** February 17, 2011

SECTION 2 - Hazardous Ingredients

Hazardous Ingredients	Weight %	CAS Number	LD ₅₀ of Ingredient (species & route)	LC ₅₀ of Ingredient (species)
Aliphatic Hydrocarbon	70 - 90	8052-41-3	N / AV	N / AV
D-Limonene	20 - 30	5989-27-5	N / AV	N / AV

SECTION 3 - Physical Data

Physical State: Liquid **Specific Gravity:** 0.8 **Evaporation Rate:** Slower than n-Butyl Acetate
Boiling Point: 340 to 400°F (171 to 204°C) **Freezing Point:** N / AV **pH:** N / AP
Vapor Density (air = 1): Heavier than air **Vapor Pressure (psig):** N / AV
Odor and Appearance: Pale yellow liquid with citrus odor **Odor Threshold (ppm):** N / AV
Coefficient of Water/Oil Distribution: N / AV

SECTION 4 - Fire and Explosion Data

Flammability: Flammable liquid under conditions of sparks, flame, or excessive heat.
Means of Extinction: *Extinguishing Media* - Carbon dioxide, dry chemical, water spray. *Firefighting Procedures* - Closed containers may rupture due to pressure build up from extreme temperature. Use water spray to cool containers to prevent pressure build up. Self-contained breathing apparatus should be used if product is involved in fire.
Flashpoint: 127° F (53° C) **Method Used:** PMCC **Flammable Limits - LFL:** 0.7% **UFL:** 6.1%
Autoignition Temperature: N / AV **Hazardous Combustion Products:** Carbon Monoxide, Carbon Dioxide.
Explosion Data - Sensitivity to Mechanical Impact: No **Explosion Data - Sensitivity to Static Discharge:** No

SECTION 5 - Reactivity Data

Chemical Stability: Stable **Incompatibility with Other Substances:** Strong oxidizing agents. Strong acids or bases
Reactivity & Conditions: None **Hazardous Decomposition Products:** Carbon Monoxide, Carbon Dioxide

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

Primary Routes of Entry: Skin Contact, Eye Contact, Inhalation**Effects of Acute Exposure to Product:***Skin Contact* - Irritation.*Eye Contact* - Irritation.*Inhalation* - Irritation. May cause dizziness, light-headedness and / or headaches. Intentional misuse by deliberately concentrating and inhaling the contents may be harmful or fatal.**Effects of Chronic Exposure to Product:** Dermatitis. Reports have associated repeated and prolonged overexposure to solvents with permanent brain and nervous system damage. Repeated overexposure can also damage kidneys, lungs, liver, heart and blood.**Exposure Limits (TLV):**

Aliphatic Hydrocarbon 100 ppm TWA - ACGIH 2005

D-Limonene N / AV - ACGIH 2001

Irritancy: Skin, eyes, and respiratory tract.**Sensitization:** N / AV**Carcinogenicity:** The ingredients are not listed as a human carcinogen by IARC, ACGIH, NTP, or OSHA.**Reproductive Toxicity:** N / AV **Teratogenicity:** N / AV **Mutagenicity:** N / AV **Synergistic Products:** N / AV

SECTION 7 - Preventive Measures

Personal Protective Equipment (PPE): Gloves - Yes Respirator - Yes Eye - Yes Footwear - No Clothing - No Other - No
Skin Protection - Chemical resistant gloves such as Neoprene or Nitrile rubber.*Respiratory Protection* - In areas with poor ventilation, use a NIOSH approved Organic Vapor Cartridge Respirator.

For concentrations above the TLV (as defined in Section 6), use a positive air supplied respirator.

Eye Protection - Safety glasses or goggles.**Engineering Controls:** General ventilation to maintain exposure limits below TLV's as defined in Section 6.**Leak and Spill Procedure:** Remove all sources of ignition. Ventilate area. Prevent from entering a watercourse. Use an inert absorbent material and non-sparking type tools.**Waste Disposal:** Dispose of in accordance with local, state/provincial or territorial, and federal regulations. Do not incinerate closed containers.**Handling Procedures and Equipment:** Do not use near heat, sparks, or open flame. Use PPE as defined in Section 7.**Storage Requirements:** Do not store near heat, sparks, flame or above 120° F (49° C).**Special Shipping Information:** Consumer Commodity ORM-D.

SECTION 8 - First Aid Measures

Inhalation: Remove from exposure, seek medical attention if signs/symptoms persist.**Ingestion:** Do NOT induce vomiting, drink plenty of water, seek medical attention.**Skin Contact:** Wash affected area with soap and water, remove contaminated clothing, seek medical attention if irritation persists.**Eye Contact:** Flush immediately with water for 15 minutes, seek medical attention if irritation persists.

SECTION 9 - Preparation Information

Prepared by: Technical Department**Telephone Number:** 775-783-3100**Preparation Date:** 2-17-2011

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