



AERVOE Material Safety Data Sheet

TO: MSDS USERS

Please find below the material safety data sheet as per your request.

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. In order for the information contained in the MSDS to be most helpful we recommend that these forms be made available to all those who handle or may otherwise be exposed to the product.

This MSDS covers the following Aervoe aerosol product.

PRODUCT NAME: Utility Mates Hornet & Wasp Spray 862

SECTION I - MANUFACTURER IDENTIFICATION

MANUFACTURER'S NAME: Aervoe Industries Inc.
INFORMATION PHONE: 775-783-3100
DATE REVISED: March 1, 2012

ADDRESS: 1100 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	%	OSHA PEL	ACGIH TLV	LD50 SPECIES & ROUTE	LC50 SPECIES & ROUTE	
Isopropanol (CAS 67-63-0)	8-10	400 ppm	400 ppm	500 ppm	4700 mg / kg (Rat-Oral)	16000 ppm / 4 hr (Rat-nha)
Petroleum Distillates (CAS 64742-47-8)	80 - 90	N / AV	N / AV		N / AV	N / AV
Carbon Dioxide (CAS 124-38-9)	1 - 3	5000 ppm	5000 ppm		N / AV	N / AV

SECTION III - PHYSICAL / CHEMICAL CHARACTERISTICS

BOILING POINT: N / E
ODOR THRESHOLD: N / AV
SOLUBILITY IN WATER: Insoluble
APPEARANCE AND ODOR: Forceful clear liquid spray with solvent odor

SPECIFIC GRAVITY (H2O=1): 0.8 (Concentrate)
VAPOR DENSITY: Heavier than air
EVAPORATION RATE: Slower than n-Butyl Acetate

SECTION IV - FIRE AND EXPLOSION HAZARD DATA

FLASH POINT: N / AV
EXTINGUISHING MEDIA: Foam, CO₂, Dry Chemical.
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 heat or fire.
FLAMMABILITY: This product when tested according to 16 CFR 1500.45 (Flame Propagation Test) is not classified as extremely flammable or flammable.
SENSITIVITY TO IMPACT: Do not puncture

METHOD USED: N / AV
FLAMMABLE LIMITS IN AIR BY VOLUME - LOWER: N/E
FLAMMABLE LIMITS IN AIR BY VOLUME - UPPER: N/E

SECTION V - REACTIVITY DATA

STABILITY: Stable
CONDITIONS TO AVOID: Open flames & temperatures > 130° F (54° C).
INCOMPATIBILITY (MATERIALS TO AVOID): Strong oxidizing agents, strong alkalis.
HAZARDOUS DECOMPOSITION OR BY-PRODUCTS: Carbon Monoxide and Carbon Dioxide
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: N / AV
INGESTION: Ingestion is unlikely, but in case of ingestion, do not induce vomiting because of aspiration pneumonia hazard. Seek medical attention.
CARCINOGENICITY: The ingredients are not listed as a human carcinogen by IARC, ACGIH, NTP, or OSHA.
TERATOGENICITY: N / AV
MUTAGENICITY: N / AV
MEDICAL CONDITION GENERALLY AGGRAVATED BY EXPOSURE: None known
EMERGENCY AND FIRST AID PROCEDURES: INHALATION - Remove from exposure and restore breathing, seek medical attention.
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 because of aspiration pneumonia hazard. 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. Wrap container in newspaper and place in trash.
PRECAUTIONS TO BE TAKEN IN HANDLING AND STORING: Do not store above 130° F (54° C). Do not store or use near heat, sparks or flame. Keep out of reach of children. Follow all directions exactly.
OTHER PRECAUTIONS: Read label precautions carefully. Do not get in eyes or on skin. Do not breathe vapors, take internally or smoke while using this product.

SECTION VIII - CONTROL MEASURES

RESPIRATORY PROTECTION: None required for normal use.
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: None in normal use.
WORK / HYGIENIC PRACTICES: Do not use in serving area while food is being served. Avoid prolonged or repeated contact. Do not breathe vapors. Wash hands after use. 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.

No toxic chemical(s) subject to the reporting requirements of section 313 of Title III and of 40 CFR 372 are present.

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