



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-Pacific aerosol product.

PRODUCT NAME: 420 DUST AIR

PRODUCT CODE: 56A1

HMS CODES: H F R P
1 0 1 X

SECTION I - MANUFACTURER IDENTIFICATION

MANUFACTURER'S NAME: AerVOE-Pacific Company, Inc.
INFORMATION PHONE: 775-782-0100
DATE REVISED: 12-21-00

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	OTHER	LD50 SPECIES & ROUTE	LC50 SPECIES & ROUTE
1,1,1,2-TETRAFLUOROETHANE (CAS 811 97 2)	100	N/A	N/A	1000 PPM	N/A	567,000 PPM / 4 hr ALC RAT (INHA)

PRODUCT CODE: 56A1

SECTION III - PHYSICAL / CHEMICAL CHARACTERISTICS

BOILING POINT: -27° F / -33° C
ODOR THRESHOLD: N/A
EVAPORATION RATE: Faster than n-Butyl Acetate

SPECIFIC GRAVITY (H2O=1): 1.2
VAPOR DENSITY: Heavier than air

COEFFICIENT OF WATER/OIL DIST: N/A
SOLUBILITY IN WATER: Slight <0.3% by weight at 25° C
APPEARANCE AND ODOR: Clear / Slight Ethereal
FREEZING POINT: N/A
pH: N/A

SECTION IV - FIRE AND EXPLOSION HAZARD DATA

FLASH POINT: N/A
EXTINGUISHING MEDIA: None known
SPECIAL FIRE FIGHTING PROCEDURES: Water spray may be ineffective, but water spray may be used 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 explode due to pressure build up from extreme heat or fire.
FLAMMABILITY: No
SENSITIVITY TO IMPACT: Do not puncture

SENSITIVITY TO STATIC DISCHARGE: Primarily vapors

SECTION V - REACTIVITY DATA

STABILITY: Stable
INCOMPATIBILITY (MATERIALS TO AVOID): Alkali or Alkaline Earth Metals - Powered AL, ZN, BE, etc.
HAZARDOUS DECOMPOSITION OR BY-PRODUCTS: Hydrochloric, Hydrofluoric Acids and possibly Carbonyl Fluoride
HAZARDOUS POLYMERIZATION: Will not occur

SECTION VI - HEALTH HAZARD DATA

INHALATION HEALTH RISKS AND SYMPTOMS OF EXPOSURE: High concentrations of vapors is harmful and may cause heart irregularities, unconsciousness or death. Vapors reduces Oxygen available for breathing and is heavier than air.
SKIN AND EYE CONTACT HEALTH RISKS AND SYMPTOMS OF EXPOSURE - SKIN: Direct liquid contact can cause frostbite.
EYES: Direct contact may cause frostbite.
SKIN ABSORPTION HEALTH RISKS AND SYMPTOMS OF EXPOSURE: Significant skin permeation after contact appears unlikely. There are no reports of human sensitization.
INGESTION HEALTH RISKS AND SYMPTOMS OF EXPOSURE: Ingestion is not considered a potential route of exposure.
HEALTH HAZARDS (ACUTE AND CHRONIC) -Human health effects of over exposure by inhalation to very high concentrations may cause temporary alterations of the heart's electrical activity with irregular pulse, palpitations, or inadequate circulation.
CARCINOGENICITY: None known
NTP? No
IARC MONOGRAPHS? No
OSHA REGULATED? No
TERATOGENICITY: N/A
MUTAGENICITY: N/A
TOXICOLOGICALLY SYNERGISTIC PRODUCT: N/A
MEDICAL CONDITION GENERALLY AGGRAVATED BY EXPOSURE: Individuals with pre-existing diseases of the central nervous or cardiovascular system may have increased susceptibility.
EMERGENCY AND FIRST AID PROCEDURES: **EYES** - Flush eyes with plenty of water for at least 15 minutes. May require treatment for frostbite. See physician. **SKIN** - Flush skin with plenty of water for at least 15 minutes. May require treatment for frostbite. See physician. **INHALATION** - Remove from contaminated area. Artificial respiration and Oxygen if breathing has stopped. See physician.

SECTION VII - PRECAUTIONS FOR SAFE HANDLING AND USE

STEPS TO BE TAKEN IN CASE MATERIAL IS RELEASED OR SPILLED: Remove all sources of ignition - Flames, sparks, static electricity & electrical. Clear area and ventilate to remove vapors, especially low places where heavy vapors may collect.
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 get in eyes. Do not breathe vapors. Avoid skin contact. Do not take internally. Smoking while using this product must be strictly prohibited.

SECTION VIII - CONTROL MEASURES

RESPIRATORY PROTECTION: No respirator protection is required when using this product. Self Contained Breathing Apparatus (SCBA) is required if a large release occurs.
VENTILATION: All application areas should be adequately ventilated in order to keep the items in SECTION II below their exposure limits.
PROTECTIVE GLOVES: Impervious gloves (natural rubber) are recommended to prevent skin contact.
EYE PROTECTION: Safety glasses with side shields are recommended to prevent eye contact.
OTHER PROTECTIVE CLOTHING OR EQUIPMENT: Impervious apron (natural rubber) is recommended to prevent skin contact. Eye wash fountain and safety shower.
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.

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

NOTE: N/A applies to not available or not applicable