



Material Safety Data Sheet



PRODUCT: Crown Off-Line Contact Cleaner

8276MA

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:

HMIS CODES: H F R P
1 3 0 X



8276 Off-Line Contact Cleaner

SECTION I - MANUFACTURER IDENTIFICATION

MANUFACTURER'S NAME: AerVOE Industries Inc.
INFORMATION PHONE: 775-782-0100
DATE REVISED: 05-19-2008

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

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
*HEXANE (CAS 110 54 3)	80 - 90	500 PPM	50 PPM		28,710 mg / kg RAT (ORAL)	N/A
ISOPROPANOL (CAS 67 63 0)	1 - 10	400 PPM	400 PPM	500 PPM (STEL)	5.8 g / kg RAT (ORAL)	N/A
CARBON DIOXIDE (CAS 124 38 9)	1 - 10	5000 PPM	5000 PPM		N/A	N/A

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

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

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SECTION III - PHYSICAL / CHEMICAL CHARACTERISTICS

BOILING POINT: N/A
VAPOR DENSITY: Heavier than air
EVAPORATION RATE: Slower than Ether

SPECIFIC GRAVITY (H2O=1, @70°F): 0.66
SOLUBILITY IN WATER: Negligible
APPEARANCE AND ODOR: Clear and colorless with hydrocarbon odor

SECTION IV - FIRE AND EXPLOSION HAZARD DATA

FLASH POINT: < 0° F (-18° C)
EXTINGUISHING MEDIA: Carbon dioxide, foam, dry chemical.
SPECIAL FIRE FIGHTING PROCEDURES: 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: Treat as cylinders of compressed gas. Closed containers may rupture due to pressure build up from extreme heat or fire.

METHOD USED: Estimated
FLAMMABLE LIMITS - LEL: 0.6% UEL: 12.0%

SECTION V - REACTIVITY DATA

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

CONDITIONS TO AVOID: Open flames, sparks, electrical arcs.

SECTION VI - HEALTH HAZARD DATA

INHALATION: May cause dizziness, light-headedness and nausea at high concentrations.
SKIN CONTACT: Prolonged or repeated contact may cause defatting and / or dermatitis.
EYE CONTACT: Painful with slight to moderate irritation.
SKIN ABSORPTION: Not likely to be absorbed in toxic amounts.
INGESTION: Not likely
CARCINOGENICITY: None known
TERATOGENICITY: Not established
MEDICAL CONDITION GENERALLY AGGRAVATED BY EXPOSURE: May cause myocardial irritability. Avoid Epinephrine or similar drugs if at all possible.
EMERGENCY AND FIRST AID PROCEDURES: VAPORS - Remove from exposure. Seek medical attention if signs/symptoms persist.
SPLASH - (SKIN) Wash affected area with soap and water, remove contaminated clothing, seek medical attention if irritation persists.
SPLASH - (EYES) Flush immediately with water for 15 minutes and seek medical attention if irritation persists.
INGESTION - Do NOT induce vomiting. Drink plenty of water and seek medical attention.

NTP? No IARC MONOGRAPHS? No OSHA REGULATED? No

MUTAGENICITY: Not established

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. Ventilate area, avoid run off into sewer by diking, and soak up with inert absorbent using 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 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: Respiratory protection program should be in accordance with 29 CFR 1910.134.
VENTILATION: All application areas should be adequately ventilated in order to keep the items in SECTION II below their exposure limits.
PROTECTIVE GLOVES: Polyethylene or Neoprene gloves are recommended.
EYE PROTECTION: Safety glasses with side shields are recommended.
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.