

Crown Sprā Tool (Replacement Power Pak 8211) - Aerosol



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:



Sprā Tool (Replacement Power Pak 8211)

SECTION I - MANUFACTURER IDENTIFICATION

MANUFACTURER'S NAME: AerVOE Industries Inc.
INFORMATION PHONE: 775-782-0100
DATE REVISED: 12-19-02

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

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
Hydrocarbon Propellant (CAS 68476-86-8)	60 - 100	1000 ppm	1000 ppm		N / AV	N / AV

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

8211MA

SECTION III - PHYSICAL / CHEMICAL CHARACTERISTICS

BOILING POINT: -16° F (-27° C)
VAPOR DENSITY: Heavier than air
EVAPORATION RATE: N / AV

SPECIFIC GRAVITY (H2O=1): 0.5
SOLUBILITY IN WATER: Slight
APPEARANCE AND ODOR: Clear odorless gas

SECTION IV - FIRE AND EXPLOSION HAZARD DATA

FLASH POINT: < 0° F (-18° C) **METHOD USED:** Estimated **FLAMMABLE LIMITS - LEL:** 1.8% **UEL:** 9.5%
EXTINGUISHING MEDIA: Carbon dioxide, dry chemical, mist, or water spray
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.

SECTION V - REACTIVITY DATA

STABILITY: Stable
CONDITIONS TO AVOID: Open flames, sparks, electrical arcs.
INCOMPATIBILITY (MATERIALS TO AVOID): Strong oxidizing agents.
HAZARDOUS DECOMPOSITION OR BY-PRODUCTS: Carbon Dioxide, Carbon Monoxide.
HAZARDOUS POLYMERIZATION: Will not occur

SECTION VI - HEALTH HAZARD DATA

INHALATION: Variable simple asphyxiant / anesthetic. Acute exposure may cause nausea, vomiting, coughing and pulmonary irritation. Chronic exposure may cause dizziness, weakness, peripheral numbness and nervousness.
SKIN / EYE CONTACT: Contact with liquid can freeze tissue, similar to thermal burn. May cause frostbite.
SKIN ABSORPTION: None
INGESTION: Not likely.
CARCINOGENICITY: The ingredients are not listed as a human carcinogen by IARC, ACGIH, NTP, or OSHA.
TERATOGENICITY: Not established **MUTAGENICITY:** Not established
MEDICAL CONDITION GENERALLY AGGRAVATED BY EXPOSURE: Respiratory related chronic illnesses (i.e. asthma, etc.)
EMERGENCY AND FIRST AID PROCEDURES: INHALATION - Remove from exposure. Seek medical attention if signs/symptoms persist.
SKIN / EYES - Contact with liquid can freeze tissue, similar to thermal burn. May cause frostbite, 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. If applicable, stop leak. Disperse vapors with water spray.
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: Product is highly flammable and forms explosive mixtures with air, oxygen and all oxidizing agents. Avoid high temperatures that may elevate component pressure above container rating.
OTHER PRECAUTIONS: Use and store this product with adequate ventilation, use non-sparking tools.

SECTION VIII - CONTROL MEASURES

RESPIRATORY PROTECTION: None
VENTILATION: General ventilation to maintain exposure limits below TLV's as defined in Section II.
PROTECTIVE GLOVES: Chemical resistant gloves such as Nitrile rubber.
EYE PROTECTION: Safety glasses with side shields are recommended.
OTHER PROTECTIVE CLOTHING OR EQUIPMENT: To prevent repeated or prolonged skin contact, wear impervious clothing.
WORK / HYGIENIC PRACTICES: Availability of eyewash and safety shower station recommended.

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.