



# Material Safety Data Sheet

3090 Tool and Die Saver October 3, 2006

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 products.

PRODUCT NAME:



3090 Tool & Die Saver

## SECTION I - MANUFACTURER IDENTIFICATION

MANUFACTURER'S NAME: AerVOE Industries Inc.

ADDRESS: 1198 Mark Circle, Gardnerville, NV 89410

INFORMATION PHONE: 775-782-0100

EMERGENCY PHONE: 1-800-424-9300

DATE REVISED: October 3, 2006

## 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
Heptane (CAS 142-82-5)	30 - 60	400 ppm	400 ppm	500 ppm (STEL)	N/A	N/A
Aliphatic Hydrocarbons (CAS 8052-41-3)	10 - 30	500 ppm	100 ppm		N/A	N/A
Hydrocarbon Propellant (CAS 68476-86-8)	10 - 30	1000 ppm	1000 ppm		N/A	N/A
Dipropylene Glycol Methyl Ether (CAS 34590-94-8)	1 - 5	100 ppm (skin)	100 ppm (skin)	150 ppm (STEL)	N/A	N/A

\*\*\*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

3090MA

## SECTION III - PHYSICAL / CHEMICAL CHARACTERISTICS

BOILING POINT: N/A

VAPOR DENSITY: Heavier than air

EVAPORATION RATE: Faster than n-Butyl Acetate

SPECIFIC GRAVITY (H2O=1, @70°F): 0.7

SOLUBILITY IN WATER: Negligible

APPEARANCE AND ODOR: Light amber color with hydrocarbon odor.

## SECTION IV - FIRE AND EXPLOSION HAZARD DATA

FLASH POINT: < 0° F (-18° C)

METHOD USED: Estimated

FLAMMABLE LIMITS - LEL: 0.7% UEL: 14.0%

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.

## 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 Monoxide, Carbon Dioxide.

HAZARDOUS POLYMERIZATION: Will not occur

## SECTION VI - HEALTH HAZARD DATA

INHALATION: Respiratory tract irritant. May cause dizziness, light-headedness and / or headaches. Intentional misuse by deliberately concentrating and inhaling the contents may be harmful or fatal.

SKIN CONTACT: Prolonged or repeated contact may cause irritation.

EYE CONTACT: Painful with slight to moderate irritation.

INGESTION: May be harmful or fatal if swallowed.

EFFECTS OF CHRONIC OVEREXPOSURE: 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.

CARCINOGENICITY: None known

NTP: No

IARC MONOGRAPHS: No

OSHA REGULATED: No

TERATOGENICITY: Not established

MUTAGENICITY: Not established

MEDICAL CONDITION GENERALLY AGGRAVATED BY EXPOSURE: Not established

EMERGENCY AND FIRST AID PROCEDURES: INHALATION - 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, seek medical attention if irritation persists.

INGESTION - Do not induce vomiting. Contact physician or poison control center immediately.

## 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.

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: Avoid contact with eyes. Do not breathe vapors. Avoid skin contact. Do not take internally. Do not smoke while using this product.

## SECTION VIII - CONTROL MEASURES

RESPIRATORY PROTECTION: In areas with poor ventilation, use a NIOSH approved Organic Vapor Cartridge Respirator.

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

VENTILATION: All application areas should be adequately ventilated in order to keep the items in SECTION II below their exposure limits.

PROTECTIVE GLOVES: Chemical resistant gloves such as Neoprene or Nitrile rubber.

EYE PROTECTION: Safety glasses with side shields are recommended.

OTHER PROTECTIVE CLOTHING OR EQUIPMENT: N/A

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.