


Cutting Oil - 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.

PRODUCT NAME: 890 CUTTING OIL H₂O

PRODUCT CODE: 50A7

HMS CODES: H F R P
1 1 1 X

SECTION I - MANUFACTURER IDENTIFICATION
 MANUFACTURER'S NAME: AerVOE-Pacific Company, Inc.
 ADDRESS: 1198 Mark Circle, Gardinerville, NY 89410
 INFORMATION PHONE: 775-782-0100
 EMERGENCY PHONE: 1-800-424-9300
 DATE REVISED: 08-01-00
 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
PETROLEUM HYDROCARBON	9	5 MG/M ₃	5 MG/M ₃		N/A	164,000 PPM / 4 hr RAT (NH4)
(CAS 64742 52 5)						
DIMETHYL ETHER PROPELLANT	7	N/A	N/A	500 PPM	N/A	
(CAS 115 10 6)						

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

SECTION III - PHYSICAL / CHEMICAL CHARACTERISTICS
 PRODUCT CODE: 50A7
 BOILING POINT: > 330° F / 166° C (conc.)
 SPECIFIC GRAVITY (H₂O=1): 1.0
 ODOUR THRESHOLD: N/A
 VAPOR DENSITY: Heavier than air
 EVAPORATION RATE: Slower than n-Butyl Acetate
 APPEARANCE AND ODOUR: White Milky Liquid / Slight Ether Odor
 SOLUBILITY IN WATER: Negligible
 FREEZING POINT: N/A
 pH: 8.0

SECTION IV - FIRE AND EXPLOSION HAZARD DATA
 FLASH POINT: 370° F / 189° C (conc.)
 METHOD USED: Estimated
 EXTINGUISHING MEDIA: Foam, Alcohol Foam, CO₂, Dry Chemical, Water Fog
 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: Closed containers may explode due to pressure build up from extreme heat or fire. Aerosol spray is extremely flammable.
 FLAMMABILITY: Yes - Flammable aerosol under conditions of sparks, flame, or hot surfaces.
 SENSITIVITY TO IMPACT: Do not puncture

SECTION V - REACTIVITY DATA
 STABILITY: Stable
 INCOMPATIBILITY (MATERIALS TO AVOID): Strong oxidizing agents such as Nitric Acid & Hydrogen Peroxide. Strong alkalis such as Sodium & Potassium Hydroxide.
 HAZARDOUS DECOMPOSITION OR BY-PRODUCTS: Carbon Monoxide, Carbon Dioxide, and Hydrogen Chloride Gas.
 HAZARDOUS POLYMERIZATION: Will not occur

SECTION VI - HEALTH HAZARD DATA
 INHALATION HEALTH RISKS AND SYMPTOMS OF EXPOSURE: May cause dizziness or nausea.
 SKIN AND EYE CONTACT HEALTH RISKS AND SYMPTOMS OF EXPOSURE: SKIN - May cause irritation or burning sensation.
 EYES - Primary Irritation.
 SKIN ABSORPTION HEALTH RISKS AND SYMPTOMS OF EXPOSURE: May cause irritation or burning sensation.
 INGESTION HEALTH RISKS AND SYMPTOMS OF EXPOSURE: N/A
 HEALTH HAZARDS (ACUTE AND CHRONIC): INHALATION - Anesthetic. Irritation of the respiratory tract, or nervous system depression (characterized by headache, dizziness, nausea or possible unconsciousness). SKIN OR EYE CONTACT - Primary Irritation. Prolonged or repeated contact to skin may cause dermatitis - exercise due care.
 CARCINOGENICITY: None known
 MUTAGENICITY: N/A
 TERATOGENICITY: N/A
 MEDICAL CONDITION GENERALLY AGGRAVATED BY EXPOSURE: None known
 EMERGENCY AND FIRST AID PROCEDURES: VAPORS - Remove from exposure and restore breathing, seek medical attention.
 SPLASH - (SKIN) Wash affected area, remove contaminated clothing, see physician if any irritation persists.
 SPLASH - (EYES) Flush immediately with water for 15 minutes and take to a 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. Flares, sparks, static electricity & electrical. Ventilate area, avoid run off into sewer by diking, and seek 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 STORAGE: 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: Outdoors - Recommend an approved mechanical particulate filter to remove any airborne overspray. In restricted areas with poor ventilation, use a NIOSH approved Organic Cartridge Respirator. For concentrations above the exposure limit, use a positive air supplied respirator.
VENTILATION: All application areas should be adequately ventilated in order to keep the users 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.

Cutting Oil - Bulk



Material Safety Data Sheet

TO: MSDS USERS

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

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PRODUCT NAME: 890 CUTTING OIL, H₂O

PRODUCT CODE: 5087

HMS CODES: H F R P
1 1 1 X

MANUFACTURER'S NAME: AerVox-Pacific Company, Inc.
INFORMATION PHONE: 775-782-0100
DATE REVISED: 08-01-00

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

SECTION I - MANUFACTURER IDENTIFICATION

**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
PETROLEUM HYDROCARBON (CAS 64742 52 5)	70	5 MG / M ₃	5 MG / M ₃		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

PRODUCT CODE: 5087
SECTION III - PHYSICAL / CHEMICAL CHARACTERISTICS
BOILING POINT: 550° F / 288° C
SPECIFIC GRAVITY (H20=1): 1.0
COEFFICIENT OF WATER/OIL DIST: N/A
ODOR THRESHOLD: N/A
VAPOR DENSITY: Heavier than air
EVAPORATION RATE: Slower than n-Butyl Acetate
APPEARANCE AND ODOR: White Milky Liquid / Slight Ether Odor
FREEZING POINT: N/A pH: N/A

SECTION IV - FIRE AND EXPLOSION HAZARD DATA
FLASH POINT: 340° F / 171° C
METHOD USED: Estimated
EXTINGUISHING MEDIA: Foam, Alcohol Foam, CO₂, Dry Chemical, Water Fog
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 rupture 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): Strong oxidizing agents
HAZARDOUS DECOMPOSITION OR BY-PRODUCTS: Carbon Monoxide and Carbon Dioxide
HAZARDOUS POLYMERIZATION: Will not occur

SECTION VI - HEALTH HAZARD DATA
INHALATION HEALTH RISKS AND SYMPTOMS OF EXPOSURE: May cause dizziness or nausea.
SKIN AND EYE CONTACT HEALTH RISKS AND SYMPTOMS OF EXPOSURE: SKIN - May cause irritation or burning sensation.
EYES - Primary irritation.
SKIN ABSORPTION HEALTH RISKS AND SYMPTOMS OF EXPOSURE: May cause irritation or burning sensation.
INGESTION HEALTH RISKS AND SYMPTOMS OF EXPOSURE: N/A
HEALTH HAZARDS (ACUTE AND CHRONIC): INHALATION - Anesthetic. Irritation of the respiratory tract, or nervous system depression (characterized by headache, dizziness, nausea or possible unconsciousness). SKIN OR EYE CONTACT - Primary irritation. Prolonged or repeated contact to skin may cause dermatitis - exercise due care.
CARCINOGENICITY: None known
MUTAGENICITY: N/A
TERATOGENICITY: N/A
IARC MONOGRAPHS? No
TOXICOLOGICAL SYNERGISTIC PRODUCT: N/A
MEDICAL CONDITION GENERALLY AGGRAVATED BY EXPOSURE: None known
EMERGENCY AND FIRST AID PROCEDURES - VAPORS - Remove from exposure and restore breathing, seek medical attention.
SPASH - (SKIN) Wash affected area, remove contaminated clothing, see physician if any irritation persists.
SPASH - (EYES) Flush immediately with water for 15 minutes and take to a 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. 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.
OTHER PRECAUTIONS: TO BE TAKEN IN HANDLING AND STORAGE: 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: Outdoors - Recommend an approved mechanical particulate filter to remove any airborne overspray. In restricted areas with poor ventilation, use a NIOSH approved Organic Cartridge Respirator. For concentrations above the exposure limit, 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: 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.

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