

MATERIAL SAFETY DATA SHEET

SECTION I. CHEMICAL PRODUCT AND COMPANY IDENTIFICATION

Product Name AV-8® RTU (U.S Patent 7,271,136)		Product Use: Ready-to-use aircraft cleaner	Formula Index: 02
Manufacturer and US Supplier's Name Spray Nine Corporation		Canadian Supplier's Name ITW Permatex Canada	
Address (Number, Street, City, State, and ZIP Code) 251 N. Comrie Avenue Johnstown, NY 12095		Address (Number, Street, City, State, and ZIP Code) 8450 Lawson Road, Unit 1 Milton, Ontario L9T 0J8	
Emergency Telephone Number 1-800-477-7299 ChemTel 1-800-255-3924 Telephone Number for Information 518-762-4591 or Fax # 518-762-2566		Emergency Telephone Number ChemTel 1-800-255-3924	
Signature of Preparer(optional) Claudia E. Britton		Date Prepared August 1, 2008	

HMIS Rating: HEALTH-1 FLAMMABILITY- 0 REACTIVITY- 0 PERSONAL PROTECTION- B
NFPA Rating: HEALTH- 1 FLAMMABILITY- 0 REACTIVITY- 0
WHMIS Rating: D2B-IRRITANT

SECTION II. HAZARDOUS INGREDIENT INFORMATION (Per 29 CFR 1910.1200)

Component	CAS Registry #	wt. %	Exposure Limits	
			ACGIH TLV	OSHA PEL
Ethoxylated C9-C11 alcohols	68439-46-3	1-5	Not Est.	Not Est.

SECTION III. HAZARDS IDENTIFICATION

EMERGENCY OVERVIEW

Clear, light yellow liquid with a mild clean odor. Eye contact may cause irritation. Prolonged or repeated skin contact may cause irritation. Vapor or mist d product may cause irritation. Ingestion may cause nausea, vomiting, diarrhea and irritation of the digestive tract.

POTENTIAL HEALTH EFFECTS:

EYE CONTACT: May cause irritation.

SKIN CONTACT: Prolonged or repeated use may cause irritation.

INHALATION: Vapor or mist may cause irritation.

INGESTION: May cause nausea, vomiting, diarrhea and irritation of the digestive tract.

MEDICAL CONDITION AGGRAVATED BY EXPOSURE: None known. Persons with pre-existing medical conditions or sensitivity may be more susceptible to the effects of exposure.

CHRONIC EFFECTS: None known.

SECTION IV. FIRST AID MEASURES

EYE CONTACT: Flush with water for 15 minutes. If contact lenses are worn, remove immediately as they may contribute to the severity of the irritation. Contact physician if irritation persists.

SKIN CONTACT: Flush with water for 15 minutes. Contact physician if irritation persists.

INHALATION: If breathing is difficult, remove to fresh air. If symptoms persist, contact physician immediately.

INGESTION: Do not induce vomiting. Drink plenty of water. Contact physician.

NOTE TO PHYSICIAN: Treat patient symptomatically.

SECTION V. FIRE FIGHTING MEASURES

FLAMMABLE PROPERTIES:

FLASH POINT: None

METHOD USED: Closed cup method

FLAMMABLE LIMITS

LFL: Not Established

UFL: Not Established

EXTINGUISHING MEDIA: Carbon dioxide, dry chemical or water spray.

FIRE & EXPLOSION HAZARDS: None known.

FIRE FIGHTING INSTRUCTIONS: Wear respiratory protection and protective clothing. Water may be used to cool fire exposed containers.

FIRE FIGHTING EQUIPMENT: None known.

SENSITIVITY TO MECHANICAL IMPACT: No sensitivity known.

SENSITIVITY TO STATIC DISCHARGE: No sensitivity known.

SECTION VI. ACCIDENTAL RELEASE MEASURES

Wear suitable protective clothing. Where possible, salvage for use or absorb with suitable material and collect for disposal. Thoroughly rinse area with water.

CAUTION: Spill area may be slippery. For large spills, dike area to prevent spreading and contact appropriate environmental agency.

SECTION VII. HANDLING AND STORAGE

Store in a cool, dry, well ventilated area. Keep out of reach of children. Avoid freezing or excessive heat.

SECTION VIII. PERSONAL PROTECTION / EXPOSURE CONTROLS

EYE PROTECTION: The use of safety glasses is recommended.

SKIN PROTECTION: The use of chemical resistant gloves is recommended for prolonged use.

RESPIRATORY PROTECTION: Not required under normal conditions of use.

ENGINEERING CONTROLS: None known.

EXPOSURE GUIDELINE (S): Use only in a well ventilated area.

SECTION IX. PHYSICAL AND CHEMICAL PROPERTIES

APPEARANCE:	Clear, slightly yellow	PHYSICAL STATE:	liquid
BOILING POINT:	~212°F/~100°C	SOLUBILITY IN WATER:	Dilutable
EVAPORATION RATE:	<1	SPECIFIC GRAVITY:	~1.000 g/ml
FREEZING POINT:	~32°F/~0°C	VAPOR DENSITY:	Not Applicable
MELTING POINT:	Not Applicable	VAPOR PRESSURE (68°F/20°C):	<0.52 PSI (26.9 mm Hg)
MOLECULAR WEIGHT:	Not Applicable	VAPOR PRESSURE (100°F/38°C):	<2.10 PSI (108.4 mm Hg)
ODOR:	Mild, clean	% NON-VOLATILE:	~2.9
pH):	~9.3	VOLATILE ORGANIC CONTENT(VOC):	~29 g/l (estm)

SECTION X. STABILITY AND REACTIVITY

CHEMICAL STABILITY: Stable

INCOMPATIBILITY: Strong oxidizing agents.

HAZARDOUS DECOMPOSITION PRODUCTS: Carbon monoxide, carbon dioxide and nitrogen oxides

HAZARDOUS POLYMERIZATION: Will not occur.

SECTION XI. TOXICOLOGICAL INFORMATION

EYE: Not Available

SKIN: Not Available

INHALATION: Not Available

INGESTION: Oral LD50 for AV-8 concentrate in female rats is >2,000 mg/kg of body weight.

SUBCHRONIC: Not Available

CHRONIC / CARCINOGENICITY: Not available. Contains no known carcinogens.

TERATOLOGY: Not Available

REPRODUCTION: Not Available

MUTAGENICITY: Not Available

SENSITIZATION: Not Available

SECTION XII. ECOLOGICAL INFORMATION

ECOTOXICOLOGICAL INFORMATION: Test results for product concentrate: 96 hour fathead minnow aquatic toxicity - 100% survival @ 1ppm; 98% survival @ 10ppm. 48 hour cladoceran aquatic toxicity - 100% survival @ 1ppm; 90% survival @ 10ppm.

DISTRIBUTION: Not Available

CHEMICAL FATE INFORMATION: Product concentrate was tested for biodegradability in accordance with 40 CFR 796.3100 shake flask method, monitored by analysis of Total Organic Carbon (T.O.C.), and was found to be 88.8% biodegradable in 28 days. Based on this data, it is reasonable to assume that this substance will undergo rapid and ultimate biodegradation in aerobic aquatic environments. This is known as "ready biodegradability".

SECTION XIII. DISPOSAL CONSIDERATIONS

Dispose of in accordance with federal, state and local regulations.

SECTION XIV. TRANSPORT INFORMATION (Not meant to be all inclusive)

D.O.T SHIPPING NAME: Not Regulated
CANADIAN TDG SHIPPING NAME: Not Regulated
TECHNICAL SHIPPING NAME: Not Applicable
D.O.T. HAZARD CLASS: Not Applicable
U.N./N.A. NUMBER: Not Applicable
PRODUCT RQ (LBS): Not Applicable
D.O.T. LABEL: Not Applicable
D.O.T. PLACARD: Not Applicable
FREIGHT CLASS BULK: Not Applicable
FREIGHT CLASS PACKAGE: Not Applicable
PRODUCT LABEL: Not Applicable

SECTION XV. REGULATORY INFORMATION (Not meant to be all inclusive - selected regulation represented)

TSCA STATUS: All ingredients in this product are either on the inventory or are exempt from being listed.

CERCLA REPORTABLE QUANTITY: None

SARA TITLE III:

SECTION 302 EXTREMELY HAZARDOUS SUBSTANCES: None
SECTION 311/312 HAZARDOUS CATEGORIES: Acute Hazard
SECTION 313 TOXIC CHEMICALS: None

RCRA STATUS: Not Applicable

CALIFORNIA PROPOSITION 65: This product is not subject to the reporting requirements under California Proposition 65.

SECTION XVI. OTHER INFORMATION

MSDS STATUS:

Disclaimer: The information contained herein is based on data we believe to be reliable as of the date of preparation of this Material Safety Data Sheet. The accuracy and completeness of such data are not warranted or guaranteed. We cannot anticipate all conditions under which this information and our products, or the products of other manufacturers in combination with our products may be used. We assume no liability or responsibility for loss or damage resulting from the improper or abnormal use or handling of our products, from incompatible product combinations, from the failure to follow instructions and warnings in the product's label and Material Safety Data Sheet, or from any failure to adhere to recommended practices.