

Material Safety Data Sheet

*** IDENTIFICATION ***

LANGUAGE: English
PRODUCT NAME(S): AVBlend
DATE OF MSDS: August 25, 1998

*** SUPPLIER INFORMATION ***

MANUFACTURER/DISTRIBUTOR: Oil-Chem Research Corp.
ADDRESS: 6800 W. 73rd Street
Bedford Park, IL, U.S.A. 60638-6024
EMERGENCY TELEPHONE NO.(S): 800-424-9300 CHEMTREC Assist (U.S. & Canada)
ESSENTIAL INFORMATION: For additional information please contact
Mr. Edward Rachanski Jr, Technical Director at
Telephone: 708-728-0028 Fax 708-728-9308
during business hours

*** MATERIAL SAFETY DATA ***

-----EMERGENCY ASSISTANCE-----
FOR EMERGENCY ASSISTANCE INVOLVING CHEMICALS CALL CHEMTREC (800)424-9300

-----PRODUCT IDENTIFICATION-----

PRODUCT NAME: AVBlend
FORMULA: UNDEFINED
DATE ISSUED: 09/98

HAZARD RATING (MANUFACTURER)

HEALTH: 0 HAZARD RATING SCALE:
FIRE: 1 0=MINIMAL 3=SERIOUS
REACTIVITY: 0 1=SLIGHT 4=SEVERE
SPECIAL: NONE 2=MODERATE

-----HAZARDOUS INGREDIENTS-----

EXPOSURE LIMITS, PPM
OSHA ACGIH OTHER

COMPONENT	CAS NO.	%	PEL(Oil Mist)	TLV (oil Mist)	HAZARD
MINERAL OIL	8042-47-5	>99	5 mg/kg	10 mg/kg	

Date: 10-11	# Of Pages	QUICK FAXTM officeMax	
To: XXXXXXXXXX TDM	From: XXXXXXXXXX		
Co./Dept.	Co./Dept.		
Fax: 909 372 0555	Fax:		
Phone:	Phone: (0000000000)		
Note:	E-Mail:		

(TM) TRADEMARK OF Oil-Chem Research Corp.

-----PHYSICAL PROPERTIES-----

BOILING POINT, DEG F: 540-610 VAPOR PRESSURE, MM HG/20 DEG C: < 1
MELTING POINT, DEG F: N/D VAPOR DENSITY (AIR=1): N/D
FLASH POINT: 270 F/132 C
SPECIFIC GRAVITY (WATER=1): 0.82-0.88 WATER SOLUBILITY, %: INSOLUBLE
APPEARANCE AND ODOR: CLEAR BLUE
EVAPORATION RATE (ETHYL ETHER=1): < 1
TRANSPARENT LIQUID, SLIGHT CHARACTERISTIC ODOR

-----FIRST AID MEASURES-----

IF INHALED: REMOVE TO FRESH AIR. GIVE ARTIFICIAL RESPIRATION IF NOT BREATHING. GET IMMEDIATE MEDICAL ATTENTION.

IN CASE OF EYE CONTACT: IMMEDIATELY FLUSH EYES WITH LOTS OF RUNNING WATER FOR 15 MINUTES, LIFTING THE UPPER AND LOWER EYELIDS OCCASIONALLY. GET IMMEDIATE MEDICAL ATTENTION.

IN CASE OF SKIN CONTACT: IMMEDIATELY WASH SKIN WITH LOTS OF SOAP AND WATER. REMOVE CONTAMINATED CLOTHING AND SHOES; WASH BEFORE REUSE. GET MEDICAL ATTENTION IF IRRITATION PERSISTS AFTER WASHING.

IF SWALLOWED: DO NOT INDUCE VOMITING. IF CONSCIOUS, GIVE LOTS OF WATER OR MILK. GET IMMEDIATE MEDICAL ATTENTION. DO NOT GIVE ANYTHING BY MOUTH TO AN UNCONSCIOUS OR CONVULSING PERSON.

-----HEALTH HAZARD INFORMATION-----

PRIMARY ROUTES OF EXPOSURE: SKIN OR EYE CONTACT, INHALATION.
SIGNS AND SYMPTOMS OF EXPOSURE
INHALATION: INHALATION OF VAPOR CAN CAUSE ASPIRATION PNEUMONIA.
HIGHLY PURIFIED GRADE IS OF LOW TOXICITY.
EYE CONTACT: NONE CURRENTLY KNOWN.
SKIN CONTACT: NONE CURRENTLY KNOWN.
SWALLOWED: NONE CURRENTLY KNOWN.
CHRONIC EFFECTS OF EXPOSURE: NO SPECIFIC INFORMATION AVAILABLE.
MEDICAL CONDITIONS GENERALLY AGGRAVATED BY EXPOSURE: NONE REPORTED.

-----TOXICITY DATA-----

ORAL: MOUSE LD50 = 22 G/KG
DERMAL: RABBIT 100MG/24H MILD IRRITATION EFFECTS
INHALATION: MAN TCLo: 5mg/m³
CARCINOGENICITY: THIS MATERIAL IS NOT CONSIDERED TO BE A QUESTIONABLE CARCINOGEN. OTHER DATA: NONE

-----PERSONAL PROTECTION-----

VENTILATION: GENERAL ROOM VENTILATION.

RESPIRATORY PROTECTION: IF USE CONDITIONS GENERATE VAPORS OR MISTS, WEAR A NIOSH-APPROVED RESPIRATOR APPROPRIATE FOR THOSE EMISSION LEVELS. APPROPRIATE RESPIRATORS MAY BE A FULL FACEPIECE OR A HALF MASK AIR-PURIFYING CARTRIDGE RESPIRATOR EQUIPPED FOR ORGANIC VAPORS/MISTS, A SELF-CONTAINED BREATHING APPARATUS IN THE PRESSURE DEMAND MODE, OR A SUPPLIED-AIR RESPIRATOR.

EYE PROTECTION: CHEMICAL GOGGLES AND FULL FACESHIELD UNLESS A FULL FACEPIECE RESPIRATOR IS ALSO WORN. IT IS GENERALLY RECOGNIZED THAT CONTACT LENSES SHOULD NOT BE WORN WHEN WORKING WITH CHEMICALS BECAUSE CONTACT LENSES MAY CONTRIBUTE TO THE SEVERITY OF AN EYE INJURY.

PROTECTIVE CLOTHING: LONG-SLEEVED SHIRT, TROUSERS, SAFETY SHOES, RUBBER GLOVES, AND RUBBER APRON.

OTHER PROTECTIVE MEASURES: AN EYEWASH AND SAFETY SHOWER SHOULD BE NEARBY AND READY FOR USE.

-----FIRE AND EXPLOSION INFORMATION-----

FLASH POINT, DEG F: 270 FLAMMABLE LIMITS IN AIR, %
METHOD USED: COC LOWER: N/D UPPER: N/D
EXTINGUISHING MEDIA: USE DRY CHEMICAL, CO₂, OR ALCOHOL FOAM. DO NOT USE WATER TO FIGHT FIRE.

SPECIAL FIRE FIGHTING PROCEDURES: FIRE FIGHTERS SHOULD WEAR SELF-CONTAINED BREATHING APPARATUS AND FULL PROTECTIVE CLOTHING. USE WATER SPRAY TO COOL NEARBY CONTAINERS AND STRUCTURES EXPOSED TO FIRE.

UNUSUAL FIRE AND EXPLOSION HAZARDS: NONE.

-----HAZARDOUS REACTIVITY-----

STABILITY: STABLE POLYMERIZATION: WILL NOT OCCUR
CONDITIONS TO AVOID: NONE
MATERIALS TO AVOID: OXIDIZERS
HAZARDOUS DECOMPOSITION PRODUCTS: MAY LIBERATE CARBON MONOXIDE OR CARBON DIOXIDE.

-----SPILL, LEAK, AND DISPOSAL PROCEDURES-----

ACTION TO TAKE FOR SPILLS OR LEAKS: WEAR PROTECTIVE EQUIPMENT INCLUDING RUBBER BOOTS, RUBBER GLOVES, RUBBER APRON, AND A SELF-CONTAINED BREATHING APPARATUS IN THE PRESSURE DEMAND MODE OR A SUPPLIED-AIR RESPIRATOR. IF THE SPILL OR LEAK IS SMALL, A FULL FACEPIECE AIR-PURIFYING CARTRIDGE RESPIRATOR EQUIPPED FOR ORGANIC VAPORS MAY BE SATISFACTORY. IN ANY EVENT, ALWAYS WEAR EYE PROTECTION. FOR SMALL SPILLS OR DRIPS, MOP OR WIPE UP AND DISPOSE OF IN DOT-APPROVED WASTE CONTAINERS. FOR LARGE SPILLS, CONTAIN BY DIKING WITH SOIL OR OTHER NON-COMBUSTIBLE SORBENT MATERIAL AND THEN PUMP INTO DOT-APPROVED WASTE CONTAINERS; OR ABSORB WITH NON-COMBUSTIBLE SORBENT MATERIAL, PLACE RESIDUE IN DOT-APPROVED WASTE CONTAINERS. KEEP OUT OF SEWERS, STORM DRAINS, SURFACE WATERS, AND SOILS.

COMPLY WITH ALL APPLICABLE GOVERNMENTAL REGULATIONS ON SPILL REPORTING, AND HANDLING AND DISPOSAL OF WASTE.
DISPOSAL METHODS: DISPOSE OF CONTAMINATED PRODUCT AND MATERIALS USED IN CLEANING UP SPILLS OR LEAKS IN A MANNER APPROVED FOR THIS MATERIAL. CONSULT APPROPRIATE FEDERAL, STATE AND LOCAL REGULATORY AGENCIES TO ASCERTAIN PROPER DISPOSAL PROCEDURES.
NOTE: EMPTY CONTAINERS CAN HAVE RESIDUES, GASES AND MISTS AND ARE SUBJECT TO PROPER WASTE DISPOSAL, AS ABOVE.

-----SPECIAL PRECAUTIONS-----

STORAGE AND HANDLING PRECAUTIONS: STORE IN A DRY, WELL-VENTILATED PLACE AWAY FROM INCOMPATIBLE MATERIALS. KEEP CONTAINER TIGHTLY CLOSED WHEN NOT IN USE. DO NOT USE PRESSURE TO EMPTY CONTAINER. WASH THOROUGHLY AFTER HANDLING. DO NOT GET IN EYES, ON SKIN, OR ON CLOTHING. KEEP AWAY FROM HEAT, SPARKS, OPEN FLAME OR OXIDIZERS.

REPAIR AND MAINTENANCE PRECAUTIONS: NONE.

OTHER PRECAUTIONS: CONTAINERS, EVEN THOSE THAT HAVE BEEN EMPTIED, WILL RETAIN PRODUCT RESIDUE AND VAPORS. ALWAYS OBEY HAZARD WARNINGS AND HANDLE EMPTY CONTAINERS AS IF THEY WERE FULL.

-----FOR ADDITIONAL INFORMATION-----

DOT Regulations : This product is not a Hazardous Material under any of the DOT HM181 classes . No special hazardous labels or placards are required.

CONTACT MSDS COORDINATOR Dr. Arnel D. Potter, 847-234-1282