

AVH 2

MATERIAL SAFETY DATA SHEET

This MSDS is being provided to your company for the purpose of providing current health and safety information to your management and for your employees who work with this material. Please read the information on these sheets, and then provide this information to those people at your company whose responsibility it is to comply with FEDERAL and STATE RIGHT TO KNOW regulations. Also make this information available to any employee who requests it.

Section I - PRODUCTION IDENTIFICATION

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*****
*
* Producer's Name:  A&V, INCORPORATED
*
* Address:  N62 W22632 VILLAGE DRIVE
*          SUSSEX, WISCONSIN 53089
*
* Telephone Number for Information:  414-246-6922
*
* Trade Name and Synonyms:  AVH 2
*
* Chemical Name & Synonyms:  ALKYL DIMETHYL BENZYL AMMONIUM
*          CHLORIDE
*
* Chemical Family:  QUATERNARY AMMONIUM COMPOUND
*
* Hazard Classification:  NONE
*
*****
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Section II - HAZARDOUS COMPONENTS

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*
* Specific Chemical Identity:  ALKYL DIMETHYL BENZYL AMMONIUM
*          CHLORIDE - C14 60%, C12 25%, C16 15%
*
* O.S.H.A. PEL:  N/A
*
* A.C.G.I.H. TLV:  N/A
*
* Other Limits Recommended:  N/A
*
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Section III - PHYSICAL DATA - TYPICAL

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*
* Initial Boiling Point:  212 F
*
* Vapor Pressure:  24 MM HG
*
* Vapor Density:  HEAVIER THAN AIR
*
* Solubility in Water:  SOLUBLE
*
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Section III - PHYSICAL DATA - TYPICAL (continued)

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*****
* Melting Point: N/A
*
* Evaporation Rate: (BUTYLACETATE=1) FASTER THAN B.A.
*
* Appearance and Odor: CLEAR LIQUID
*
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Section IV - FIRE AND EXPLOSION DATA

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*****
* Flash Point: 110 F PENSKEY MARTIN CLOSED CUP
*
* Flammable Limits: N/A
*
* Extinguishing Media: WATER FOG, CARBON DIOXIDE, DRY CHEMICAL
*
* Special Fire Fighting Procedures: USE COLD WATER SPRAY TO COOL
* FIRE EXPOSED CONTAINERS. WEAR OSHA/NIOSH APPROVED SELF-
* CONTAINED BREATHING APPARATUS
*
* Unusual Fire and Explosion Hazards: NONE
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Section V - REACTIVITY DATA

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*****
* Stability: STABLE
*
* Conditions to avoid: MIXING WITH STRONG OXIDIZING AGENTS
*
* Hazardous Decomposition or Byproducts: NONE
*
* Hazardous Polymerization: WILL NOT OCCUR
*
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Section VI - HEALTH HAZARD DATA

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*****
* Effects of Overexposure:
*
* Health Hazards (Acute and Chronic): N/A
*
* Emergency and First Aid Procedures: EYES: FLUSH WITH CLEAN,
* COOL WATER FOR 15 MIN. SEE A PHYSICIAN IF IRRITATION OCCURS.
* SKIN: FLUSH WITH COOL WATER. SEE A PHYSICIAN IF IRRITATION
* OCCURS. REMOVE & WASH CONTAMINATED CLOTHING. INHALATION:
* REMOVE TO FRESH AIR.
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Section VII - SPILL AND DISPOSAL METHODS

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*
* Steps to be Taken in Case Material is Released or Spilled:
*   DIKE AND CONTAIN SPILL WITH INERT MATERIAL (DRY SAND,
*   FULLER'S EARTH, ETC.) AND TRANSFER LIQUID AND SOLID
*   SEPARATELY TO CONTAINERS FOR RECOVERY OR DISPOSAL. KEEP
*   SPILL OUT OF MUNICIPAL SEWERS AND OPEN BODIES OF WATER.
*
* Waste Disposal Method: INCINERATE LIQUID IN APPROVED EQUIPMENT.
*   LANDFILL CONTAMINATED DIKING MATERIAL ACCORDING TO LOCAL,
*   STATE AND FEDERAL REGULATIONS RECOGNIZING THAT SIGNIFICANT
*   QUANTITIES REACHING A STREAM OR TREATMENT PLANT VIA LEACHATE
*   CAN CAUSE FOAMING. LANDFILL MUST BE LARGE ENOUGH TO ABSORB
*   THE SURFACTANT.
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Section VIII - PROTECTIVE EQUIPMENT TO BE USED

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* Respiratory Protection:  NORMAL
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* Ventilation:  MECHANICAL
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* Protective Gloves:  IMPERVIOUS GLOVES
*
* Eye Protection:  SPLASH PROOF GOGGLES
*
* Other Protective Equipment:  IMPERVIOUS APRON, EYE WASH FACILITY
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