Fatty acids, tall-oil, potassium salts (cas 61790-44-1) MSDS

HARLEY/DIVISION OF THE BULLEN COMPANIES

MSDS PREPARED BY AND PRODUCT MANUFACTURED BY THE BULLEN COMPANIES
1640 DELMAR DRIVE, FOLCROFT, PA. 19032 ?? EMERGENCY PHONE 215/724-8100

MATERIAL SAFETY DATA SHEET
(Prepared According to 29 CFR 1910.1200)

SECTION 1 - PRODUCT IDENTIFICATION
Trade Name ACTIVATED PINE TYPE II DISINFECTANT Product Type Pine Disinfectant

SECTION 2 - HAZARDOUS INGREDIENTS
CHEMICAL NAME/COMMON NAME CAS NO. PERCENT(optional) TLV(Source)
pine oil 8002-09-3 Not Established
Potassium Tallate 61790-44-1 Not Established

Other ingredients in this product are : Less than 1% by weight or less than 0.1% for carcinogens Not hazardous Declared to be Trade Secret

SECTION 3 - PHYSICAL DATA
Boiling point(?F.) Specific Gravity(H2O=1.0) (? 0.005) pH (? 0.5) 12.5
Near 212 0.995
Vapor Pressure(mm Hg) Vapor Density(Air=1)
Unknown Unknown
x
Solubility in water Complete Insoluble Emulsifiable (or Dispersible) Slight (or Partial)
Evaporation Rate(ve. H2O) x
Faster Slower About the Same
Appearance and Odor Amber Liquid, Pine Odor

SECTION 4 - FIRE AND EXPLOSION HAZARD DATA
Lower
Upper
??F. X None to Boiling
Flash Point( T.C.C. ) Flammable Limits Unknown Unknown
Extinguishing Media CO2, dry chemical, foam, water spray.
Special Firefighting Procedures Do not enter confined fire-spaces without protective clothing and self-contained air supply.
Unusual Fire and Explosion Hazards None known.

SECTION 5 - REACTIVITY DATA
Stable Strong oxidizers
Hazardous Decomposition Products Carbon monoxide and other unidentified organic gases may occur during incomplete combustion.

SECTION 6 - HEALTH HAZARDS
Primary Routes of Exposure Eye Skin Oral Inhalation Other
Eyes: Causes burns. Skin: Severe irritation. Swallowing: Irritation of mucous membranes,diarrhea,weakness,central nervous depression. Inhalation: Irritation of Signs
and Symptoms respiratory tract.
of Overexposure
(Acute)
Signs and Symptoms of Overexposure(Chronic) None known
Medical Conditions
Carcinogen/Suspect Carcinogen Ingredients X NONE
Aggravated by Overexposure None known NTP OSHA IARC

SECTION 7 - EMERGENCY AND FIRST AID PROCEDURES
Eyes Flush immediately with water for at least 15 minutes. Call a physician.
Skin Wash with soap and water. Remove contaminated clothing and wash before reuse. If irritation persists, Call a physician.
Ingestion Do NOT induce vomiting. Drink milk, egg whites, gelatin solution or if these are not available, drink large quantities of water. Call a physician.
Inhalation Remove exposed person to fresh air. Treat symptomatically.
SECTION 8 - SPECIAL PROTECTION INFORMATION
Respiratory Protection Not needed under normal conditions of use.

Ventilation Requirements
Local Exhaust Mechanical Other

Protective Gloves Rubber Eye Protection Safety glasses/goggles Other Protective Clothing
May be needed where likely exposure may occur

SECTION 9 - SPILL OR LEAK PROCEDURES
Steps to be Taken Eliminate all sources of ignition. Absorb with suitable absorbent. For large spills, collect for disposal.

if Released or Spilled
Waste Disposal Methods Dispose of in accordance with applicable Federal, State and Local ordinances.

SECTION 10 - STORAGE AND HANDLING INFORMATION
Precautions to be Taken Do not get in eyes, on skin or clothing. Wash thoroughly after handling. Use with adequate ventilation. Avoid breathing vapor. Keep container closed.

in Handling and Storage

The health hazards given on this Material Safety Data Sheet apply to this product in its concentrated form (as supplied) and may differ significantly at use dilution. The signs and symptoms of overexposure apply only to negligence in handling or misuse of the concentrated product and not to the routine exposure to the product if diluted, under conditions of ordinary use.

June 26, 2003

date PREPARED ____________________

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