Seatons-ThereningProventies

Flash Point (Method Used): 12.8 °C (CC) (Ethanol)

NFPA Rating:

Health: 2

Fire: 3

Reactivity: 0

Extinguisher Media: Use dry chemical, CO2 or appropriate foam.

Flammable Limits in Air % by Volume: (Ethanol) LEL: 3.3% UEL: 19%

Autoignition Temperature: (Ethanol) 363 °C

Special Firefighting Procedures: Firefighters should wear full protective equipment and NIOSH approved self-contained breathing apparatus.

Unusual Fire and Explosion Hazards: Vapours may travel back to ignition source. Closed Containers exposed to heat may explode.

Extremely flammable.

Seanon 6-Spillor Deak Procedures

Steps to Take in Case Material Is Released or Spilled: Ventilate area of spill. Eliminate all sources of ignition. Remove all non-essential personnel from area. Clean-up personnel should wear proper protective equipment and clothing. Absorb material with suitable absorbent and containerize for disposal.

Section 7 - Special Precautions

Precautions to Take in Handling or Storing: Keep container tightly closed in a cool, well-ventilated place. Keep away from oxidizing materials and strong acids.

Section 8 - Protection Information

Respiratory Protection (Specify Type): None needed under normal conditions of use with adequate ventilation. A NIOSH/MSHA chemical cartridge respirator should be worn if PEL or TLV is exceeded. Ventilation: Local Exhaust: Yes Mechanical(General): Yes Special: No

Other: No

Protective Gloves: Natural rubber, Neoprene, PVC or equivalent. Eye Protection: Splash proof chemical safety goggles should be worn. Other Protective Clothing or Equipment: Lab coat, apron, eye wash, safety shower.

Section 9 - Physical Data

Molecular Weight: (Ethanol) 46.07 Boiling Point: (Ethanol) 78.5 °C Vapor Density(Air=1): (Ethanol) 1.59 Percent Volatile by Volume: 100% Solubility in Water: Soluble Melting Point: (Ethanol) -114.1 °C Vapor Pressure: (Ethanol) 59.3 mmHg at 25°C Specific Gravity (H2O=1): (Ethanol) 0.789 at 20 °C Evaporation Rate (BuAc=1): 3.3 Appearance and Odor: Clear, colorless liquid, Alcohol odor.

STATIONIO-REAMINTATION

Stability: Stable Conditions to Avoid: Heat and sources of ignition. Incompatibility (Materials to Avoid): Oxidizers, Hazardous Decomposition Products: COx, Hazardous Polymerization: Will not occur