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Certified Company



THE POWER OF THREE³

PHARMCO-AAPER

AND COMMERCIAL ALCOHOLS

Product Information (203) 740-3471 / Emergency Assistance CHEMTREC 1-800-424-9300 or 202-483-7616

MATERIAL SAFETY DATA SHEETS

Part Number/Trade Name: PHENOL LIQUIFIED
This MSDS is valid for all grades and catalog numbers

General Information

Manufacturer: PHARMCO-AAPER
58 Vale Road
Brookfield, CT 06804
Phone (203) 740-3471
Fax (203) 740-3481

1101 Isaac Shelby Drive
Shelbyville, KY 40065
Phone (502) 633-0650
Fax (502) 633-0685

Ingredients/Identity Information

Ingredient: PHENOL, CARBOLIC ACID
SOLUTION; HYDROXYBENZENE
Ingredient Sequence Number: 01
Percent: 100
NIOSH (RTECS) Number: SJ3325000

CAS Number: 108-95-2
OSHA PEL: 19 MG/CUM
ACGIH TLV: 19 MG/CUM (SKIN)
Other Recommended Limit: 5 MG/CUM

Physical/Chemical Characteristics

Appearance And Odor: COLORLESS TO PINK
LIQUID, SHARP MEDICINAL ODOR.
Boiling Point: 182C
Vapor Density (Air=1): 3.2

Specific Gravity: 1.05
Solubility In Water: MISCIBLE
Percent Volatiles By Volume: 100%

Fire and Explosion Hazard Data

Flash Point: 175F
Flash Point Method: CC
Lower Explosive Limit: 1.8%
Upper Explosive Limit: 8.6%
Extinguishing Media: CO2, DRY CHEMICAL, FOAM, WATER SPRAY
Special Fire Fighting Proc: WEAR SELF-CONTAINED BREATHING APPARATUS &
PROTECTIVE CLOTHING.
Unusual Fire And Expl Hazrds: DANGEROUS FIRE & EXPLOSION HAZARD.

Reactivity Data

Stability: YES

Cond To Avoid (Stability): HEAT >100F (MATERIAL DISCOLORS) & OTHER SOURCES OF IGNITION

Materials To Avoid: ACIDS, OXIDIZERS, CALCIUM HYPOCHLORITE, ALKALIES, & ACETALDEHYDE

Hazardous Decomp Products: CO, CO2

Hazardous Poly Occur: NO

Health Hazard Data

Route Of Entry - Inhalation: YES

Route Of Entry - Skin: YES

Route Of Entry - Ingestion: YES

Health Haz Acute And Chronic: INHALATION: TOXIC, BURNS, HEADACHE, DIZZINESS, MUSCLE WEAKNESS. EYES/SKIN/INGESTION: TOXIC & BURNS.

Carcinogenicity - NTP: NO

Carcinogenicity - IARC: NO

Carcinogenicity - OSHA: NO

Explanation Carcinogenicity: NONE

Signs/Symptoms Of Overexp: INHALATION: CONVULSIONS, DEATH, DAMAGE TO CENTRAL NERVOUS SYSTEM, KIDNEYS, LIVER, PANCREAS, HEART, SPLEEN, & LUNGS.

Med Cond Aggravated By Exp: LIVER, KIDNEY, CENTRAL NERVOUS SYSTEM, RESPIRATORY, PANCREATIC & CIRCULATORY CONDITIONS

Emergency/First Aid Proc: SKIN: IMMEDIATELY FLUSH THOROUGHLY W/LARGE AMOUNTS OF WATER. EYES: IMMEDIATELY FLUSH THOROUGHLY W/WATER FOR AT LEAST

15 MINS. INHALATION: REMOVE TO FRESH AIR. GIVE ARTIFICIAL RESPIRATION IF BREATHING HAS STOPPED. INGESTION: DON'T INDUCE VOMITING. OBTAIN MEDICAL ATTENTION IN ALL CASES.

Precautions for Safe Handling and Use

Steps If Matl Released/Spill: SPILL RESPONSE: USE CAUTION| DIKE SPILL, TAKE UP W/ABSORBENT & CONTAINERIZE FOR PROPER DISPOSAL.

Waste Disposal Method: TO BE PERFORMED IN COMPLIANCE W/ALL CURRENT LOCAL, STATE, & FEDERAL REGULATIONS. NA2821.

Precautions-Handling/Storing: KEEP CONTAINER TIGHTLY CLOSED & PROTECT AGAINST PHYSICAL DAMAGE. STORE IN COOL/DRY AREA AWAY FROM IGNITION SOURCES & OXIDIZERS.

Other Precautions: DON'T BREATHE VAPOR. DON'T GET IN EYES, ON SKIN, OR ON CLOTHING. RETAINED RESIDUE MAY MAKE EMPTY CONTAINERS HAZARDOUS; USE CAUTION. DON'T TAKE INTERNALLY. ALUMINUM/MAGNESIUM/LEAD/ZINC ARE QUICKLY ATTACKED BY HOT PHENOL.

Control Measures

Respiratory Protection: NIOSH APPROVED RESPIRATOR SHOULD BE WORN IN THE ABSENCE OF ADEQUATE VENTILATION.

Ventilation: MATERIAL MUST BE HANDLED OR TRANSFERRED IN AN APPROVED FUME HOOD OR W/EQUIVALENT VENTILATION.

Protective Gloves: NEOPRENE OR EQUIVALENT

Eye Protection: SAFETY GLASSES W/SIDE SHIELDS

Other Protective Equipment: IMPERVIOUS PROTECTIVE CLOTHING, EYE WASH, & SAFETY EQUIPMENT

Work Hygienic Practices: REMOVE/LAUNDER CONTAMINATED CLOTHING BEFORE REUSE. WASH THOROUGHLY AFTER HANDLING.

Transportation Data

DOT: Phenol, solid, 6.1, UN1671, PG II

Disposal Data

Refer to applicable regional, state and federal codes.

Label Data

Common Name: 0403693 PHENOL, LIQUIFIED

Chronic Hazard: YES

Signal Word: DANGER!

Acute Health Hazard-Severe: X

Contact Hazard-Severe: X

Fire Hazard-Moderate: X

Reactivity Hazard-None: X

Special Hazard Precautions: INHALATION: TOXIC, BURNS, HEADACHE, DIZZINESS, MUSCLE WEAKNESS. EYES/SKIN/INGESTION: TOXIC & BURNS. TARGET ORGANS: CENTRAL NERVOUS SYSTEM, KIDNEYS, LIVER, PANCREAS, HEART, SPLEEN & LUNGS. LLY INFECTIOUS HUMAN SERUM OR BLOOD SPECIMEN.

Protect Eye: Y

Protect Skin: Y

Protect Respiratory: Y

Regulatory Data

Comprehensive Environmental Response, Compensation, and Liability Act of 1980 (CERCLA) requires notification of the National Response Center of release of quantities of Hazardous Substances equal or greater than the reportable quantities (RQs) in 40 CFR 302.4. Components present in this product at a level which could require reporting under the statute are:

Chemical Name	CAS Number	RQ
Phenol	108-95-2	1,000lb

The information contained herein is based on data considered to be accurate. However, no warranty is expressed regarding the accuracy of these data or the results to be obtained from the use thereof. It is the user's obligation to determine the conditions of safe use of the product.