



# Lambsmead Limited

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## HEALTH & SAFETY INFORMATION

PRODUCT : PHENOL LIQUEFIED

HAZARD CLASS : 6.1

UN NO.: 2821

CAS NO.: 108-95-2

### PHYSICAL DATA

DESCRIPTION: COLOURLESS LIQUID, DISTINCTIVE ODOUR.

MELTING POINT: N/A degree C. BOILING POINT: N/A degree C

SPECIFIC GRAVITY: 1.06

SOLUBILITY IN WATER: SOLUBLE

VAPOUR PRESSURE: 1 mmHg. at 40 degree C

VAPOUR DENSITY: 3.24 (air=1)

FIRE & EXPLOSION HAZARD: COMBUSTIBLE

FLASH POINT: 80 degree C

EXPLOSIVE LIMITS (%): LOWER N/A UPPER

AUTO-IGNITION TEMPERATURE: N/A degree C

FIREFIGHTING MEASURES: FOAM, DRY POWDER, CARBON DIOXIDE OR VAPORISING LIQUIDS

HEALTH HAZARDS: TOXIC BY INGESTION, INHALATION AND SKIN CONTACT. CAUSES BURNS. INHALATION OF VAPOUR OVER A PROLONGED PERIOD MAY CAUSE DIGESTIVE DISTURBANCES, NERVOUS DISORDERS, SKIN ERUPTIONS AND DAMAGE TO KIDNEYS AND LIVER. DERMATITIS MAY RESULT FROM PROLONGED CONTACT WITH WEAK SOLUTIONS.

TOXICITY DATA: LD50 317 mg/kg. ORAL, RAT.

CARCINOGENICITY: HAS BEEN FOUND TO CAUSE CANCER IN LABORATORY ANIMALS.

MUTAGENICITY/TERATOGENICITY: MAY CAUSE ADVERSE MUTAGENIC OR TERATOGENIC EFFECTS.

EXPOSURE LIMITS NOT ASSIGNED: OES, mg/m<sup>3</sup> 18 SKIN (LONG-TERM, 8 HOUR TWA).

### FIRST AID:

EYES: IRRIGATE THOROUGHLY WITH WATER FOR AT LEAST 10 MINUTES. OBTAIN MEDICAL ATTENTION.

LUNGS: REMOVE FROM EXPOSURE, REST AND KEEP WARM. IN SEVERE CASES, OR IF EXPOSURE HAS BEEN GREAT, OBTAIN MEDICAL ATTENTION.

SKIN: REMOVE CONTAMINATED CLOTHING AVOIDING CONTAMINATION OF UNAFFECTED AREAS AND SWAB CONTAMINATED SKIN WITH GLYCEROL, POLYETHYLENE GLYCOL 300, OR A MIXTURE OF LIQUID POLYETHYLENE GLYCOL 70 PARTS AND METHYLATED SPIRITS 30 PARTS FOR AT LEAST 10 MINUTES. FLUSH WITH WATER FOR AT LEAST 10 MINUTES IF SOLVENTS ARE OR IMMEDIATELY AVAILABLE. OBTAIN MEDICAL ATTENTION.

MOUTH: WASH OUT MOUTH THOROUGHLY WITH WATER AND GIVE WATER TO DRINK. OBTAIN MEDICAL ATTENTION.

### REACTIVE HAZARDS:

STABILITY: STABLE

REACTION: NONE with water

OTHER KNOWN HAZARDS: CAN REACT VIGOROUSLY WITH OXIDISING MATERIALS. MIXTURES WITH NITROBENZENE AND ALUMINIUM CHLORIDE ANHYDROUS CAN REACT VIOLENTLY AT 120 degrees C.

AVOID CONTACT WITH: WATER (NO) ACIDS (NO) BASES (NO) OXIDISERS (YES)  
COMBUSTIBLES (NO)

### SPILLAGE DISPOSAL:

PRECAUTIONS: EAR APPROPRIATE PROTECTIVE CLOTHING.

**ABSORB ON AN INERT ABSORBENT, TRANSFER TO CONTAINER AND ARRANGE REMOVAL BY DISPOSAL COMPANY.** WASH SITE OF SPILLAGE THOROUGHLY WITH WATER AND DETERGENT.

FOR LARGE SPILLAGES LIQUIDS SHOULD BE CONTAINED WITH SAND OR EARTH AND BOTH LIQUIDS AND SOLIDS TRANSFERRED TO SALVAGE CONTAINERS. ANY RESIDUES SHOULD BE TREATED AS FOR SMALL SPILLAGES.

IF MATERIAL HAS ENTERED SURFACE DRAINS IT MAY BE NECESSARY TO INFORM LOCAL AUTHORITIES, INCLUDING FIRE SERVICES IF FLAMMABLE,

PROTECTIVE MEASURES as appropriate to quantity handled

RESPIRATOR: SELF-CONTAINED BREATHING APPARATUS

VENTILATION: FUME-CUPBOARD, FLAMEPROOF

GLOVES: NITRILE

EYE PROTECTION: GOGGLES OR FACE SHIELD

OTHER MEASURES: PLASTIC APRON, SLEEVES, BOOTS - IF HANDLING LARGE QUANTITIES.

### STORAGE & HANDLING:

SPECIAL REQUIREMENTS: PROTECT FROM LIGHT.