

Lambsmead Limited

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HEALTH & SAFETY INFORMATION

PRODUCT : TRICHLOROACETIC ACID

HAZARD CLASS : UN-NO.: 1839 EC- NO.: 200-927-2 CAS NO.: 76-03-9

PHYSICAL DATA

DESCRIPTION: COLOURLESS CRYSTALS, PUNGENT ODOUR

MELTING POINT: 58 degree C. BOILING POINT: 198 degree C

SPECIFIC GRAVITY: 1.63 (G/ML.)

SOLUBILITY IN WATER: VERY SOLUBLE pH VALUE : <1 (50 G/L.H20)

VAPOUR PRESSURE: 1 mmHg. at 51 degree C

FIRE & EXPLOSION HAZARD: MAY EVOLVE TOXIC FUMES IN FIRE.

HEALTH HAZARDS: CAUSES SEVERE BURNS

TOXICITY DATA: AFTER SKIN CONTACT: BURNS. AFTER EYE CONTACT: BURNS. RISK OF BLINDNESS. AFTER INHALATION: IRRITATION OF THE MUCOUS MEMBRANES, COUGHING & DYSPNOEA. AFTER INGESTION: IRRITANT AND CAUSTIC EFFECTS. DAMAGE TO MOUTH, OESOPHAGUS, GASTROINTESTINAL TRACT.

CARCINOGENICITY: NO EVIDENCE. LD50 400 MG/KG. ORAL, RAT.

MUTAGENICITY/TERATOGENICITY: HARMFUL EFFECT DUE TO pH SHIFT.

EXPOSURE LIMITS NOT ASSIGNED:

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: DRENCH THOROUGHLY WITH WATER. REMOVE CONTAMINATED CLOTHING AND WASH BEFORE RE-USE. UNLESS CONTACT HAS BEEN SLIGHT OBTAIN MEDICAL ATTENTION.

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

REACTIVE HAZARDS:

STABILITY: HYGROSCOPIC

REACTION: AVOID FOLLOWING SUBSTANCES: METHANOL, ALKALI HYDROXIDES, STRONG OXIDIZING AGENTS, SULFOXIDES/COPPER.

with water

OTHER KNOWN HAZARDS:

AVOID CONTACT WITH: WATER ACIDS BASES OXIDISERS COMBUSTIBLES

SPILLAGE DISPOSAL:

PRECAUTIONS: WAR APPROPRIATE PROTECTIVE CLOTHING.

PROTECTIVE MEASURES as appropiate to quantity handled

RESPIRATOR: SELF-CONTAINED BREATHING APPARATUS

VENTILATION: FUME CUPBOARD

GLOVES: RUBBER OR PLASTIC

EYE PROTECTION: GOGGLES OR FACE-SHIELD

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

STORAGE & HANDLING: at room temperate (15-25 degree C). KEEP WELL CLOSED AND PROTECTED FROM DIRECT SUNLIGHT AND MOISTURE.

SPECIAL REQUIREMENTS: SPREAD SODA ASH LIBERALLY OVER THE SPILLAGE.