

SECTION 6 - HEALTH HAZARD DATA and FIRST AID INFORMATION - continued

HEALTH HAZARD (Acute and Chronic): Hazards associated with Levulinic acid include, inhalation may result in spasms, inflammation of edema of the larynx, chemical pneumonitis and pulmonary edema.

SIGNS AND SYMPTOMS OF OVEREXPOSURE: Irritation of mucous membranes, coughing, wheezing, laryngitis, shortness of breath, headache, nausea, vomiting.

CONDITIONS GENERALLY AGGRAVATED BY EXPOSURE: N.E.

EMERGENCY FIRST AID PROCEDURES:

INHALATION: Remove to fresh air. If breathing is difficult, seek medical attention

EYE CONTACT: Flush eyes with water for 15 minutes. If irritation develops seek medical attention.

SKIN CONTACT: Wash skin with soap and water

INGESTION: If excessive material is ingested, seek medical attention.

SECTION 7 - PRECAUTIONS FOR SAFE HANDLING AND USE

IN CASE OF RELEASE OR SPILL: Scrape up and discard into suitable container.

WASTE DISPOSAL METHOD: In accordance with local, state and federal regulations.

STORAGE, HANDLING, AND SPECIAL PRECAUTIONS: Store in cool, dry place.

SECTION 8 - CONTROL MEASURES

RESPIRATORY PROTECTION: Reduce exposure in accordance with good hygiene practice. If exposure limits are exceeded, use MSHA-NIOSH approved respirators for dusts, mists, fumes.

VENTILATION: Local Exhaust Mechanical Special Other

PROTECTIVE GLOVES: Disposable vinyl gloves

EYE PROTECTION: Safety glasses

OTHER PROTECTIVE CLOTHING OR EQUIPMENT: Eyewash station

WORK/HYGIENIC PRACTICE: Observe good hygienic work practices. Keep away from clothing, may stain.

SECTION 9 - PREPARATION INFORMATION

This data is supplied to comply with OSHA Hazard Communication Standard 29 CFR 1910,1200 and W.H.M.I.S. CPR.

DATE: 27 February 2007

N.A. = NOT APPLICABLE

N.E. = NOT ESTABLISHED

The information herein is given in good faith but no warranty expressed or implied is made.

FIRE – 1

TOXICITY – 2

NFPA

REACTIVITY –

SPECIAL –