

SECTION 6 - HEALTH HAZARD DATA and FIRST AID INFORMATION

	YES	NO	NE	NA	NTP	IARC	OSHA	OTHER
MUTAGENIC AFFECTS		X						
TERATOGENIC AFFECTS		X						
REPRODUCTIVE TOXIN		X						
CARCINOGENICITY		X						
SENSITIZER		X						

ROUTES OF ENTRY: Inhalation Skin Ingestion **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 a 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: 09 January 2006REVISED: 17 March 2008N.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 - 1

SPECIAL -