

MATERIAL SAFETY DATA SHEET

SECTION I: PRODUCT IDENTIFICATION
 MANUFACTURER: MEYER LABORATORY INC.
 ADDRESS: 2401 WEST JEFFERSON
 BLUE SPRINGS MO. 64015
 (816) 228-4433
 TRADE NAME: **XL-55-SC**
 Excel Industrial Emulsifier

HEALTH 2 1 - SLIGHT
FLAMMABILITY 0 2 - MODERATE
REACTIVITY 0 3 - HIGH
PERSONAL PROTECTION B 4 - EXTREME

EMERGENCY PHONE # (800) 424-9300

SECTION II: HAZARDOUS INGREDIENTS

CHEMICAL NAME /COMMON NAME	CAS NO.	TLV (SOURCE)
Potassium Hydroxide	1310-58-3	2mg/M3 (Ceiling)
Sodium Metasilicate	6834-92-0	Not Established
Ethylene Glycol Monobutyl Ether	111-76-2	25ppm(skin; TWA)
Tetrasodium EDTA	64-02-8	Not Established

SARA HAZARD: TITLE III, SECTION 313: Contains the Glycol Ether indicated at 5-10%

SECTION III: PHYSICAL DATA

BOILING POINT (°F)	212°F	SPECIFIC GRAVITY (H ₂ O=1.0)	1.042 ± 0.005	pH (Conc./1%)	13.6/11.6
VAPOR PRESSURE:	Not Determined	VAPOR DENSITY	Not Determined		
SOLUBILITY IN WATER:	Complete				
APPEARANCE AND ODOR:	Clear dark red liquid with no distinct odor.				

SECTION IV: FIRE AND EXPLOSION HAZARD DATA

FLASH POINT (T.C.C.) None to boiling FLAMMABLE LIMITS N/A
 EXTINGUISHING MEDIA This product is not combustible. Water spray, dry chemical, CO₂ or foam may be used where this product is stored.
 SPECIAL FIREFIGHTING PROCEDURES: Do not enter confined fire-spaces without protective clothing and self-contained air supply.
 UNUSUAL FIRE & EXPLOSION HAZARDS: None

SECTION V: REACTIVITY DATA

STABILITY Stable INCOMPATIBILITY Strong acids, Strong Oxidizers
 HAZARDOUS DECOMPOSITION PRODUCTS: Burning can produce Carbon Monoxide, Carbon Dioxide

SECTION VI: HEALTH HAZARD DATA

PRIMARY ROUTE OF EXPOSURE Eyes, Skin, Ingestion, Inhalation
 SIGNS & SYMPTOMS OF OVEREXPOSURE (ACUTE): Will cause burns to skin and eyes with prolonged contact. Corneal damage likely if contact with eyes is prolonged. Generated mists may be severely irritating and cause damage to respiratory tract if inhaled. If swallowed may cause irritation and possible burns to mucous membranes as well as nausea, vomiting and abdominal pain.
 SIGNS & SYMPTOMS OF OVEREXPOSURE (CHRONIC): Multiple areas of superficial destruction of the skin or primary dermatitis.
 MEDICAL CONDITIONS AGGRAVATED BY OVEREXPOSURE: An existing dermatitis.
 CARCINOGEN OR SUSPECTED CARCINOGEN INGREDIENTS: None

SECTION VII: EMERGENCY AND FIRST AID PROCEDURES

EYES: Flush with water for at least 15 minutes and call physician immediately.
 SKIN: Wash affected areas with large amounts of soap and water. If irritation persists call a physician.
 INGESTION: DO NOT induce vomiting. Dilute by drinking water. Call physician immediately.
 INHALATION: Remove to fresh air. Start artificial respiration if necessary. Oxygen may be administered. Call physician.

SECTION VIII: PERSONAL PROTECTION INFORMATION

RESPIRATORY PROTECTION: Not required under normal use conditions. Avoid misting conditions unless protected.
 VENTILATION REQUIREMENTS: N/A EYE PROTECTION: Chemical Goggles PROTECTIVE GLOVES: Rubber/PVC
 OTHER PROTECTIVE CLOTHING: Face shield, apron and boots depending on severity and extent of exposure possible (i.e. splashing, misting)

SECTION IX: SPILL OR LEAK PROCEDURES

STEPS TO BE TAKEN: Do not touch or walk through spilled material. Stop leak if you can do so without risk. Take up spills with inert absorbent material and place in containers for disposal.
 WASTE DISPOSAL METHODS: Dispose of in accordance with appropriate Federal, State and Local regulations.

SECTION X: STORAGE AND HANDLING INFORMATION

PRECAUTIONS TO BE TAKEN IN HANDLING AND STORAGE: Keep container closed when not in use. Wash thoroughly after handling.
 DATE PREPARED 05/18/2004