ISOSORB®
ISOLYSER LIQUID TREATMENT SOLIDIFIER

MATERIAL SAFETY DATA SHEET
Microtek Medical, Inc
602 Lehmberg Road
Columbus, MS 39702

MEDICAL EMERGENCIES: (662) 327-1863
CHEMTREC ASSISTANCE: (800) 424-9300

SECTION I - PRODUCT IDENTIFICATION

SYNONYM: None
CHEMICAL FAMILY: Cross-linked polyprotic resin
FORMULA: Sodium PolyAcrylate
CAS NUMBER: 9033-79-8
DOT SHIPPING NAME: Non-Hazardous
DOT HAZARD CLASS: None Assigned
HAZARDOUS MATERIALS IDENTIFICATION SYSTEM (HMIS) RATING:
Health = 1  Flammability = 0  Reactivity =1  Protective Equipment = NA

SECTION II - HEALTH SAFETY ALERT

CAUTION: Avoid contact with skin and eyes, prohibit inhalation of dust.

SECTION III - HEALTH HAZARD INFORMATION

EYE: Slightly irritating to eyes
SKIN: Practically non-irritating to skin
INHALATION: Slightly irritating
INGESTION: Swallowing this product may lead to mouth and stomach irritation accompanied by burning pain, nausea, vomiting and diarrhea

SECTION IV - EMERGENCY AND FIRST AID PROCEDURES

EYE CONTACT: Wash well-open eyes immediately, abundantly and thoroughly with water. Remove particles from under eyelids. Do not use chemical agents to neutralize. Seek medical aid.
SKIN CONTACT: Wipe or wash material from skin. Wash contaminated clothing. Seek medical aid.
INGESTION: Call Chemtrec at 1-800-424-9300 and seek medical aid.

SECTION V - FIRE AND EXPLOSION HAZARD INFORMATION

FLASH POINT & METHOD: Not Applicable  AUTO IGNITION TEMP: Not Applicable
FLAMMABLE LIMITS
EXTINGUISHING MEDIA: Water spray, Dry powder, Carbon dioxide, Foam

SECTION VI - SPILL, LEAK, AND DISPOSAL INFORMATION

SPILL OR LEAK PROCEDURES: Collect product by mechanical means. Do not let product enter into drains.
WASTE DISPOSAL: All waste disposal must be done in accordance with applicable regulations. Incineration is an acceptable means of disposal.
SECTION VII - OCCUPATIONAL EXPOSURE LIMIT/HAZARDOUS INGREDIENTS

EXPOSURE LIMIT: Respirable dusts: VME=0.05 mg/m³

HAZARDOUS INGREDIENTS | CAS NO. | PERCENT | EXPOSURE
Non-Hazardous

SECTION VIII - PERSONAL PROTECTION INFORMATION

EYE PROTECTION: Safety glasses
SKIN PROTECTION: Gloves
RESPIRATORY PROTECTION: Effective dust mask
VENTILATION: Ensure sufficient air exchange and/or exhaust in work areas.

SECTION IX - PERSONAL HANDLING INSTRUCTIONS

HANDLING: Solid, Dust forming explosive mixtures with air with presence of an ignition source.
Ensure appropriate exhaust and ventilation at machinery and at places where dust can be generated.

STORAGE: Keep container closed. Store protected from moisture. Keep away from heat or ignition sources.
Provide electrical earthing of equipment and electrical equipment usable in explosive atmospheres.

SECTION X - REACTIVITY DATA

CONDITION CONTRIBUTING TO INSTABILITY: Store protected from moisture. Keep away from heat or ignition sources.

INCOMPATIBILITY:

CONDITION CONTRIBUTING TO HAZARDOUS POLYMERIZATION:

SECTION XI - PHYSICAL DATA

BOILING POINT:
VAPOR PRESSURE:
SOLUBILITY: WATER (practically insoluble)
APPEARANCE/ODOR: White/none
DECOMPOSITION TEMP.: >200°C
SPECIFIC GRAVITY:
EVAPORATION RATE:
pH:
AUTOIGNITION TEMP.: 440°C
BULK DENSITY: (650-800) kg/m³

SECTION XII - COMMENTS

Persons with a history of disease or illness involving the skin, eyes, respiratory tract or circulatory system may be at greater risk of developing adverse health effects from exposure to this product.

No known ingredients which occur at greater than 0.1% are listed as carcinogens by the IARC Monographs on the Evaluation of the Carcinogenic Risk to Humans, the NTP Annual Report on Carcinogens, or OSHA 29 CFR 1910.1001-1047 Subpart Z Toxic and Hazardous Substances.

NOTICE: While the information and recommendations set forth herein are believed to be accurate as of the date hereof, ISOLYSER Company makes no warranty with respect thereto and disclaims all liability from reliance thereon.