

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

PRODUCT NAME: ISOSORB500, ISOSORB1200, ISOSORB1500, ISOSORB2000, ISOSORB3000, ISOQ500, ISOQ1200, ISOQ1500, ISOQ2000, ISOQ3000, ISOSORB13000, ISOSORB22000, ISOSORB60000, LTS300P, LTS500P, LTS1000P

SYNONYM: None

CHEMICAL FAMILY: Cross-linked polyprotic resin

FORMULA: Sodium PolyAcrylate

CAS NUMBER: 9033-79-8

DOT SHIPPING NAME:

DOT HAZARD CLASS: Non-Hazardous

UN/NA NUMBER: 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.

INHALATION: Remove from exposure. Blow nose. Remove particles from respiratory system. 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

FIRE AND EXPLOSION HAZARDS: In the presence of an ignition source: Dust can form explosive mixture with Air (in an enclosed space). Temperature above 200 C. Thermal decomposition giving toxic products. Organic derivatives. Carbon oxides. In case of fire, wear a self-contained breathing apparatus.

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.

OTHER: .

SECTION X - REACTIVITY DATA

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

INCOMPATIBILITY:

HAZARDOUS REACTIONS/DECOMPOSITION PRODUCTS: Temperatures above 200C. Thermal decomposition giving toxic products: Organic vapors, carbon monoxide.

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.
