

MATERIAL SAFETY DATA SHEET

(prepared according to criteria of 29 CFR 1910.1200)

PREPARATION DATE: JULY 7, 2004

GENERAL INFORMATION

<i>Product Name:</i>	Micro-X[®] Dialyzer Reprocessing Concentrate
<i>Trade Name:</i>	Micro-X[®]
<i>Manufacturer Information:</i>	Reprocessing Products Corp. Tucson, AZ • 520-888-5551 • 520-888-5550 (fax) Minneapolis, MN • 763-546-6602 • 763-546-6063 (fax)

HAZARDOUS MATERIALS IDENTIFICATION

<i>Hazardous Components:</i>	SARA 313 Toxic Chemicals, if present, are preceded by #
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<i>Chemical Name</i>	<i>CAS Number</i>	<i>%</i>	<i>PEL</i>	<i>Other (mg/m³)</i>
Acetic Acid	64-19-7	6.7	25	•
Hydrogen Peroxide	7722-84-1	27.0	1.4	1.4
# Peroxyacetic Acid	79-21-0	4.5	none	•

* (PEL for acetic acid = 36 mg/m³; ACGIH STEL = 37 mg/m³)

UNK = Unknown

PEL = OSHA 8 hour average

STEL = 15 minute average

C = Ceiling limit: do not exceed

NFPA Hazard Ratings

<i>Health:</i>	(Blue) 2	<i>Flammability:</i>	(Red) 0
<i>Reactivity:</i>	(Yellow) 1	<i>Special Hazards:</i>	Corrosive

PHYSICAL CHARACTERISTICS

<i>Appearance:</i>	Colorless — sharp, pungent odor
<i>Solubility in Water:</i>	Complete
<i>pH:</i>	2.5 (1%)
<i>Initial Boiling Point:</i>	200° F
<i>Specific Gravity:</i>	1.12

FIRE & EXPLOSION HAZARD

<i>Special Fire Hazards:</i>	Product decomposes and will release oxygen, thereby adding to the hazards of a fire. Product should be kept cool and in a vented container to avoid any explosion hazards.
<i>Fire-Fighting Methods:</i>	Water spray, foam, CO₂, or dry chemicals. Wear self-contained breathing apparatus and full protective equipment.

REACTIVITY DATA

<i>Stability:</i>	Stable under normal conditions of handling.
<i>Conditions & Materials to Avoid:</i>	Hot storage. Do not mix with anything but water. Keep away from organics and heavy metals, including iron, copper, copper alloys, brass and aluminum salts, flammable organics, alkalis, alcohols, acetone, caustics, chlorine, and formaldehyde — as rapid decomposition may occur.
<i>Hazardous Decomposition:</i>	Oxygen and heat. Do not mix with chlorinated products, as this could liberate toxic corrosive chlorine gas.

SAFE HANDLING & STORAGE

USE PROPER PROTECTIVE EQUIPMENT

<i>Clean-up:</i>	Rinse small amounts to drain where possible. Dike or dam large spills. Wash down area thoroughly with water. If spill is large enough to be mopped (one quart or more), neutralize first by sprinkling with powdered sodium bicarbonate (baking soda) or soda ash, then wash down thoroughly with water and mop area. pump to containers or soak up on an inert absorbent. Flush residue to sanitary sewer; rinse area thoroughly.
<i>Waste Disposal:</i>	Consult state and local authorities for restrictions on disposal of chemical waste. Unused product as a waste is corrosive (D002) by RCRA criteria.
<i>Storage:</i>	Keep container closed, but vented, when not in use. Storage in a cool, dry area (below 75°F). Do not transfer product from original container; once product has been removed, do not return to original container.

HEALTH HAZARD DATA

<i>Skin & Eyes:</i>	Causes severe eye damage and chemical burns.
<i>If swallowed:</i>	HARMFUL OR FATAL. Causes chemical burns of the mouth, throat, and stomach.
<i>If inhaled:</i>	Vapors or mists cause irritation, including a burning taste, sneezing, coughing, and difficulty in breathing. People with asthma or other lung problems may be more affected.
<i>Carcinogenicity:</i>	Not listed as a cancer-causing agent.

DANGER: EFFECTS OF OVER-EXPOSURE TO CONCENTRATE

FIRST AID

<i>Eyes:</i>	Immediately flush with plenty of cool running water. Remove contact lenses. Continue flushing for at least 15 minutes, holding the eyelids apart to ensure rinsing of the entire eye.
<i>Skin:</i>	Immediately flush skin with plenty of cool running water for at least 15 minutes while removing contaminated clothing and shoes. Wash clothing before reuse.
<i>If swallowed:</i>	Rinse mouth at once; then drink 1 or 2 glasses of water or milk. DO NOT induce vomiting. NEVER give anything by mouth to an unconscious person.
<i>If inhaled:</i>	Immediately move to fresh air.

IMMEDIATELY CALL A PHYSICIAN OR POISON CONTROL CENTER.

PROTECTIVE MEASURES

<i>Respiratory Protection:</i>	Use local exhaust. If air contamination is above permitted levels, use suitable respiratory protection.
<i>Protective Covering:</i>	EYES: Glasses, goggles, or face shield should be worn. SKIN: Rubber or plastic gloves should be worn when handling concentrate. Protective aprons should be worn when splashes or spills are likely. Rubber boots should be worn for spills.

ADDITIONAL INFORMATION/PRECAUTIONS

KEEP OUT OF REACH OF CHILDREN
