

PRODUCT INFORMATION

WHAT TO DO IF RENALIN® DIALYZER REPROCESSING CONCENTRATE SPILLS



If Renalin (Dialyzer Reprocessing Concentrate or Cold Sterilant) spills or arrives in a damaged container, be aware of the following precautions and procedures for disposal:

IMPORTANT: Renalin can cause permanent injury to eyes or skin or cause irritation to membranes in the nose, throat or lungs.

- If Renalin contacts eyes, immediately flush eyes with cool running water for 15 minutes, lifting upper and lower lids intermittently, and then promptly seek medical attention.
- In case of skin contact, wash affected area with large amounts of water. If irritation persists, seek medical attention.
- If breathing discomfort occurs, immediately leave area and seek fresh air.

1. Renalin is a corrosive and an oxidizer. In case of a spill, a faceshield or safety glasses that are designed for splash protection should be used. Long sleeve shirts are recommended. Gloves should be the rubber "kitchen variety". Make certain individuals read warnings and precautions printed on bottles and cases. In the event that the permissible exposure limit (PEL) as measured by time weighted average (TWA) is exceeded (10 ppm for acetic acid and 1 ppm for hydrogen peroxide), suitable respiratory protection should be used.

2. After donning protective gear, create a barrier around the spill and sprinkle powdered sodium bicarbonate or soda ash (sodium carbonate) on the spill to neutralize the solution.

- a. If a floor drain is available in the spill area, and if local regulations permit, flush the area of the spill thoroughly with water to dispose of directly down the drain. Follow this with a 4-5 minute water flush to clear the line. If unsure of waste-water discharge guidelines, proceed with neutralization prior to flushing.
- b. If the spill is large enough that it must be mopped, it is essential that the spilled Renalin first be neutralized with powder sodium bicarbonate or soda ash. (If this procedure is not followed, the unneutralized Renalin will damage the mop.) Do not mix the neutralizing agent with Renalin in a closed or unvented container as this combination will produce a gas that results in high pressures.

To neutralize, sprinkle enough powdered sodium bicarbonate or soda ash to cover the spill thoroughly and wait a few minutes. Using a very wet mop, carefully mop up the neutralized Renalin solution, rinsing the mop frequently. When complete, flush the neutralized Renalin solution to drain, diluting approximately 1:1 with water. Rinse the mop thoroughly and dry. Wash down the area of spill with detergent and air dry.

- c. Place all Renalin-soaked cardboard packaging materials in a deep sink and thoroughly soak with cold water. After soaking in cold water, discard packaging materials in unsealed, clean plastic trash bags.

3. Renalin contains hydrogen peroxide and acetic acid. Safety precautions routinely used for disposal of these compounds should be observed.

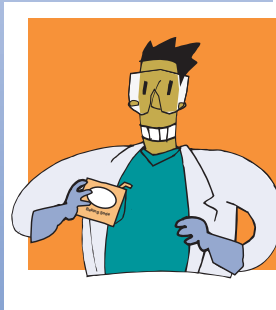
4. Immerse any clothing exposed to Renalin in water and wash as soon as possible.

For additional information, contact Minntech® Renal Systems at:

1-800-328-3340

For 24 hour Emergency Response call CHEMTREC at:

1-800-424-9300



Minntech Corporation
14005 28th Avenue North
Minneapolis, MN, USA
Tel: (763) 553-3300
Tel Free: 800-328-3340
Fax: (763) 553-3387
web: www.minntech.com

Minntech BV
Sourthweg 11
6422PC Heerlen
The Netherlands
Tel: (31) 45 5 474 471
Fax: (31) 45 5 429 695
email: info@minntechbv.com

Minntech Japan Corporation
4F Sumitomo Seimei Yochomachi Bldg.
10-10 Yochomachi, Shinjuku-ku
Tokyo 162-0855 Japan
Tel: (81) 03 3225 8680
Fax: (81) 03 3225 8681

Minntech International
Singapore Representative Office
#15-09/10 The Corporate Office
Singapore 089596
Tel: +65 6227 9698
Fax: +65 6225 8648