



Ecolab Center
St. Paul, Minnesota 55102

Ecolab Inc.

46669

MATERIAL SAFETY DATA SHEET

Page 1 of 2

MEDICAL EMERGENCY ONLY, 24 HOUR SERVICE: 1-800-328-0026
Medical Calls from Outside of the USA: 612 292 4064 (USA)

Ecolab Food & Beverage Divn. Product Information: 1-612-293-4255
Ecolab Ctr. St. Paul MN 55102 Date of Issue: December 1, 1998

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1.0 IDENTIFICATION /

- 1.1 Product Name: FILTRA PURE MEMBRANE PRESERVATIVE
- 1.2 Product Type: For RO/UF equipment in the dairy/food industry.
- 1.3 Hazard Rating: Health - 2 Fire - 0 Reactivity - 1

++ SARA 313 Toxic Chemicals, If Present, Are Preceded by "#" ++

2.0 HAZARDOUS COMPONENTS /

		(mg/m3)		
		%	PEL	TWA
2.1	Sodium dodecylbenzenesulfonate 25155-30-0	4	No	No
2.2	Citric acid 77-92-9	16	No	No
2.3	Sodium metabisulfite 7681-57-4	31	No	5

* Note: For nuisance particulates (in mg/m3): ACGIH TWA = 10;
PEL = 15 total and/or 5 respirable.

STEL = 15 Minute Average in Air PEL = OSHA 8 Hour Average in Air

3.0 PHYSICAL DATA /

- 3.1 Appearance: White, dusty powder; acid odor
- 3.2 Solubility in Water: Moderate
- 3.3 pH: 3.0 - 4.0 (1.0%)

4.0 FIRE AND EXPLOSION DATA /

- 4.1 Special Fire Hazards: High temperatures may generate hazardous decomposition products including oxides of sulfur
- 4.2 Fire Fighting Methods: Does not support combustion.

5.0 REACTIVITY DATA /

- 5.1 Stability: Stable under normal conditions of handling.
- 5.2 Conditions to Avoid: Contact with strong acids may produce irritating fumes of sulfur dioxide.

6.0 SPILL OR LEAK PROCEDURES / USE PROPER PROTECTIVE EQUIPMENT

- 6.1 Cleanup: Pick up without raising dust.
- 6.2 Waste Disposal: Consult state/local authorities for limits on chemical waste disposal.

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Page 2 of 2
922456

7.0 HEALTH HAZARD DATA /**CAUTION****7.1 Effects of Overexposure to Concentrate:**

Eyes: Causes irritation.

Skin: May cause irritation, depending upon degree of exposure.

If Swallowed: Can cause irritation, nausea, stomach distress.

If Inhaled: Can cause irritation of mouth, throat and airways, especially for sensitive individuals.

7.2 Note: Certain persons get asthmatic reactions from exposure to sulfites and sulfur dioxide.

8.0 FIRST AID /

8.1 Eyes: Flush at once with cool running water. Remove contact lenses. Holding eyelids apart, continue flushing for 15 minutes.

8.2 Skin: Flush skin with cool water; then wash thoroughly with soap and water. Wash contaminated clothing well before reuse.

8.3 If Swallowed: Rinse mouth; then drink 1 or 2 large glasses of water. DO NOT induce vomiting. Never give anything by mouth to an unconscious person.

8.4 If Inhaled: If affected, move to fresh air.

IF IRRITATION OR DISCOMFORT PERSISTS, CALL A PHYSICIAN.

9.0 PROTECTIVE MEASURES /**9.1 CONCENTRATE:**

Eyes: Wear safety glasses with side shields.

Skin: Wash well after handling product. Wear rubber gloves.

Respiratory: Avoid breathing dusts or mists containing product.

Use a dustmask if necessary when handling product.

10.0 ADDITIONAL INFORMATION/PRECAUTIONS /

10.1 Purpose of 12/01/98 issue: Edit section 9