

# Material Safety Data Sheet

Section I—Identity and Manufacturer's Information	
IDENTITY: SeaLand SANX – TDX Treatment Chemical – NEW FORMULA	PRODUCT USE: Waste Treatment Chemical
Product Part Number: 373348666 (1 gallon bottle)	MSDS Part Number: 600342944
Manufacturer's name  DOMETIC CORPORATION, SANITATION SYSTEMS	Emergency Telephone Number: <b>CHEMTREC</b> (800) 424 9300 International: (703) 527 3887
Address  13128 STATE ROUTE 226 BIG PRAIRIE, OHIO 44611	Telephone Number for Information: (330) 496 3211 Date Prepared: December 1, 2006 Prepared by: Julie Dagley    Reviewed by: Carol Schowe

Section II—Hazardous Ingredients/Identity Information				
HAZARDOUS COMPONENTS	CAS #	OSHA PEL	ACGIH	OTHER LIMITS
FORMALDEHYDE	50-00-0	0.75 ppm	0.3 ppm *	STEL = 2 ppm
METHYL ALCOHOL	67-56-1	200 ppm	250 ppm*	STEL = 250 ppm
TERGITOL 15-S-12 Surfactant	N/A	N/E	N/E	N/A
Secondary Alcohol Ethoxylate	84133-50-6	N/E	N/E	N/A
Polyethylene Glycol	25322-68-3	N/E	N/E	N/A
Unreacted Secondary Alcohol	126950-60-5	N/E	N/E	N/A
*Ceiling				

Section III—Physical/Chemical Characteristics	
Boiling Point    212° F (100° C) Water	Specific Gravity:    1.062
Vapor Pressure (mm Hg)    47 mm Hg @ 30° C	Melting Point:    N/A
Vapor Density (AIR = 1)    1.02	Evaporation Rate (Butyl Acetate =1):    SLOWER
Solubility in Water    COMPLETE	pH:    4.0 – 6.0
Appearance and Odor    LIGHT BLUE LIQUID, PUNGENT ODOR	

Section IV—Fire and Explosion Hazard Data			
Flash Point (Method Used)	Flammable Limits	LEL	UEL
>200° F (RTCC)	N/A	7.0	73.0
Extinguishing Media			
Water, dry chemical, carbon dioxide, or foam. Water spray may be used to dilute the mixture and absorb gaseous formaldehyde, but is less effective than the other media.			
Special Fire Fighting Procedures			
Firefighters should wear full protective clothing and NIOSH-approved self-contained breathing apparatus with full facepiece operated in the positive pressure mode.			
Unusual Fire and Explosion Hazards			
Irritating gaseous formaldehyde may be evolved by hot solutions.			

OSHA 174 Sept. 1985

Section V—Reactivity Data			
Stability	Unstable	Stable <b>X</b>	Conditions to Avoid  Elevated temperatures, excessive heat, sparks, open flames
Incompatibility (Materials to Avoid)			
Strong oxidizers, strong alkalis, inorganic acids, urea, phenols			
Hazardous Decomposition or Byproducts			
Hazardous Polymerization	May Occur	Will Not Occur <b>X</b>	Conditions to Avoid  None known

Section VI—Health Hazard Data
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## EMERGENCY OVERVIEW

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### HEALTH HAZARDS:

Vapors may cause irritation and inflammation of the eyes and mucous membranes of the upper respiratory tract. Repeated skin contact may cause skin irritation, dermatitis, or other allergic reactions. Individual sensitivity varies considerably. Severe exposure may cause nausea, pulmonary irritation, and loss of consciousness. May be fatal if swallowed.

Route(s) of Entry:

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### INHALATION:

Remove person to fresh air. Administer oxygen if necessary. Get medical attention if problems persist.

### SKIN CONTACT:

Remove contaminated clothing. Wash clothes before reuse. Wash affected skin area thoroughly with soap and water for at least 5 minutes. Seek medical attention if irritation occurs.

### EYE CONTACT:

Rinse immediately with water. Remove contact lenses. Flush with copious amounts of water for at least 15 minutes. Seek medical attention.

### INGESTION:

If swallowed, give one or two glasses of milk or water. Induce vomiting and call a physician or poison control center immediately. Do not administer anything by mouth to an unconscious person.

### CARCINOGENICITY:

Formaldehyde has been listed as a carcinogen by IARC, NTP, OSHA and ACGIH. Carcinogenicity is based on animal evidence.

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Signs and Symptoms of Exposure

Irritation of nose, throat, and lungs, tearing or burning of eyes, irritation of skin (i.e. discomfort or rash), nausea, headache, weakness.

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Medical Conditions Generally Aggravated by Exposure

Respiratory conditions such as asthma.

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Emergency and First Aid Procedures

Seek medical assistance for further treatment, observation and support if necessary.

### Section VII—Precautions for Safe Handling and Use

Steps to Be Taken in Case Material Is Released or Spilled

Eliminate all sources of ignition. Remove workers from spill area. Place leaking containers in a well-ventilated area. Flush small spills (less than one gallon) with water. Contain larger spills with absorbent materials such as sand or sawdust. Sweep and shovel into drums for disposal. Neutralize area with ammonia and flush with water.

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Waste Disposal Method

Dispose of in accordance with all federal, state/provincial, and local laws and regulations.

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Precautions to Be Taken in Handling and Storing

Do not cut or weld on or near containers. Do not reuse containers. Avoid sharp objects which could puncture containers. Do not store above 110° F. Do not freeze.

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Other Precautions

Avoid contact with skin and eyes. Avoid breathing vapors for extended periods. Wear appropriate clothing and equipment for large spills. Wash thoroughly after handling.

### Section VIII—Control Measures

Respiratory Protection (*Specify Type*)

Half-face or full-face negative pressure respirator with NIOSH/MSHA approved formaldehyde cartridges. Use a self-contained breathing apparatus for uncontrolled releases.

Ventilation	Local Exhaust
	Ventilate area well by opening doors and windows and using a fan, if available. Maintain concentrations below the PEL by using local exhaust (hood), if necessary.

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Protective Gloves

Nitrile rubber

Eye Protection

Face shield with safety glasses. Non-vented goggles.

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Other Protective Clothing or Equipment

Nitrile rubber or similar impervious apron, eye wash station, safety shower.

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Work/Hygienic Practices

Avoid unnecessary contact. Wear proper protective clothing and equipment. Avoid breathing vapors. Work for short periods of time (i.e. 15 minutes) to avoid prolonged exposure to vapors. Do not allow material to come in contact with skin or eyes. Wash thoroughly after handling especially before eating drinking or smoking.

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