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24 HOUR EMERGENCY -  
CHEMTREC: 800-424-9300

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## MATERIAL SAFETY DATA SHEET

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### PRODUCT IDENTIFICATION

Material Name : Sani-Tank Cleaner

MSDS Date : 3 December 2010

Supersedes : 25 March 2008

Prepared By : M.L. RISSOLO

#### Hazard Rating

Health	.....	1
Fire	.....	0
Reactivity	.....	0
Personal Protective Equipment.		B

Scale:	4- Extreme	1- Slight
	3- High	0- Insignificant
	2- Moderate	

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### COMPONENT INFORMATION

#### Exposure Limit Information

OSHA ACGIH

#### COMPONENT

<u>CAS NO.</u>	<u>AMT.</u>	<u>TWA</u>	<u>STEL</u>	<u>TLV</u>	<u>STEL</u>
	<u>(%)</u>				

#### PROPRIETARY SURFACTANT BLEND

Note: The surfactant is a non-hazardous non-regulated proprietary additive.

Formulation is considered to be a Trade Secret.

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### EMERGENCY RESPONSE INFORMATION

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#### FIRST AID PROCEDURES

<u>Inhalation:</u>	Remove to fresh air if irritated by odor
<u>Eye Contact :</u>	Flush immediately with clean water for as least 15 minutes.
<u>Skin Contact:</u>	Flush skin with plenty of water if splashed/spilled on oneself.
<u>Ingestion:</u>	If ingested, drink plenty of water to dilute. Call a physician immediately. Do not induce vomiting.
<u>Chronic Effects:</u>	Harmful if swallowed. May cause eye damage. May cause skin irritation if not washed off in due time.
<u>Subchronic Effects (Target Organ Effects):</u>	No effects known.

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#### SPILL OR LEAK HANDLING INFORMATION

<u>Personal Protection:</u>	Chemical splash goggles or full face shield.
<u>Procedures:</u>	Small spills should be absorbed by dirt, sand or other suitable absorbent for disposal. Large spills can be diked with dirt, then removed by vacuum truck for disposal. Biodegradable.

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**FIRE FIGHTING INFORMATION**

**Department of Transportation (DOT) Emergency Response Guide Number:** N/A

**Unusual Hazards:** None.

**Extinguishing Agents:** Not Applicable

**Personal Protective Equipment:** Self contained breathing apparatus and protective clothing should be worn in fighting fires involving chemicals.

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**PHYSICAL/CHEMICAL CHARACTERISTICS**

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**FIRE AND EXPLOSIVE PROPERTIES**

Flash Point.....	>200 Degrees F - TCC
Auto-ignition temperature....	Not Known
Lower Explosive Limit.....	Not Known
Upper Explosive Limit.....	Not Known

**REACTIVITY INFORMATION**

<b><u>Instability:</u></b>	Stable
<b><u>Hazardous Decomposition Products:</u></b>	None known.
<b><u>Hazardous Polymerization:</u></b>	No.
<b><u>Incompatibility:</u></b>	None known.

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**PERSONAL PROTECTION MEASURES**

**Respiratory Protection:** None generally required (use NIOSH-approved respirator if desired).  
**Eye Protection:** Use goggles or face shield if splash to eyes may occur.  
**Hand Protection:** Use rubber gloves.

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**FACILITY CONTROL MEASURES**

**Ventilation:** Local - ventilation meeting ACGIH criteria.  
**Other Protective Equipment:** Use plastic or rubber apron to protect clothing, if needed.

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**STORAGE AND HANDLING INFORMATION**

**Storage Conditions:** Usual precautions for combustible liquids.  
**Handling Procedures:** All handling equipment should be electrically grounded.

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**SUPPLEMENTAL INFORMATION**

**Typical Physical Properties**

Appearance.....	Transparent Liquid
Color.....	Lt Yellow to Colorless
State.....	Liquid
Odor Characteristic.....	Mild Pine/Citrus Aroma
pH.....	11.5
Viscosity.....	Not available
Specific Gravity (Water = 1).....	1.038 @ 23C (8.66 LB/GAL)
Vapor Density (Air = 1).....	Not Known
Melting Point.....	Not available
Boiling Point.....	190 degree F
Solubility in water.....	Soluble
Percent Volatility.....	Not available
Evaporation rate (Butyl Acetate = 1).....	Slow (<1.0)

**TOXICITY INFORMATION**

**Acute Data**

Oral LD50.....	Not Available
Dermal LD50.....	Not Available
Skin Irritation.....	Not Available
Eye Irritation.....	Not Available

**WASTE DISPOSAL:** Disposal in landfill approved for same, away from water supplies. Incineration is an alternate method. Dispose of in accordance with applicable federal, state, and local regulations.

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## REGULATORY INFORMATION

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### WORKPLACE CLASSIFICATIONS:

**OSHA (USA):** Not OSHA regulated. No ingredients identified by OSHA as hazardous are known to be present or the ingredients present are below the levels specified as hazardous by OSHA (Per 29 CFR 1910.1200)

**WHMIS (Canada):** Terpene Hydrocarbons, nos (D'Limonene), 3.3, UN2319

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### TRANSPORTATION:

#### HAZMAT MARKING:

**Domestic(US):** None.

**International(ICAO/IATA):** None.

#### HAZMAT LABEL:

**Domestic(US):** None.

**International(ICAO/IATA):** None.

**Packing Group:**

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### EMERGENCY PLANNING & COMMUNITY RIGHT-TO-KNOW (SARA TITLE 3)

**Section 311/312 Categorizations (40CFR 370):** This material contains no health or environmental hazardous substance at a level which requires notification under the Act.

**Section 313 Information (40CFR 372):** This material contains no toxic chemical at a level which is reportable under SARA Toxic Chemical Release Reporting Regulations.

**RCRA INFORMATION:** This material is not included in the lists of hazardous substances (40 CFR 261.33), nor does it exhibit the characteristics of hazardous waste (40 CFR 261.20-24)

**Toxic Substances Control Act (TSCA):** All components in this material are in the TSCA Inventory

This information contained herein is based on data considered accurate. However, no warranty is expressed or implied regarding the accuracy of these data or the results to be obtained from the use thereof. **Celeste Industries Corporation** assumes no responsibility for personal injury or property damage to vendors, users or third parties caused by the material. Such vendors or users assume all risks associated with the use of the material.

#### **ABBREVIATIONS:**

**ACGIH = American Conference of Government Industrial Hygienists**

**IATA = International Air Transport Association**

**ICAO = International Civil Aviation Organization**

**OSHA = Occupational Safety and Health Administration**

**PEL = Permissible Exposure**

**STEL = Short-Term Exposure Limit**

**TLV = Threshold Limit Value**

**TWA = Time Weighted Average**

**WHMIS= Workplace Hazardous Materials Information System**