

**SECTION 1 - PRODUCT AND COMPANY INFORMATION**

Product Name: : L.T. R. Rinse Agent  
 Product Use: : Low Temperature Industrial Dishware Rinse  
 Supplier Name and Address: : Corporate Facility Supply  
 7 Neilson Street  
 St. Catharines, ON L2M 5V9  
  
 Telephone: : (905) 682-8888  
 Emergency Telephone: : CANUTEC (613) 996-6666

**SECTION 2 - HAZARD IDENTIFICATION**

**EMERGENCY OVERVIEW**

**Physical State:** Liquid  
**GHS Classification:**  
 Skin Irritation: Category 4  
 Eye Irritation: Category 3  
 Acute Toxicity: Category 3  
**GHS Label Elements:**  
 Hazard Pictograms



Signal Word: Danger  
 Hazard Statements: H302 Harmful if swallowed  
 H315 Causes skin irritation  
 H319 Causes serious eye irritation  
 Precautionary Statements: **Prevention**  
 P102 Keep out of reach of children  
 P262 Do not get in eyes, on skin, or on clothing  
 P284 In case of inadequate ventilation wear respiratory protection  
**Response**  
 P302 IF ON SKIN: Flush with plenty of water for at least 15 minutes  
 P305 IF IN EYES: Flush with plenty of water for at least 15 minutes  
 P332+P313 If skin irritation persists, get medical attention

**Potential Health Effects:**

Inhalation : Irritating to the eyes, nose, throat and lungs. High concentration of vapours will cause irritation. Similar effects with misting the product.  
 Skin : Harmful in case of skin contact. Symptoms may be delayed.  
 Eyes : Contact can result in tissue damage.  
 Ingestion : Harmful if swallowed.  
 Aggravated Medical Condition : None known  
 Symptoms of Overexposure : See section 11.

**SECTION 3 - COMPOSITION/ INFORMATION ON INGREDIENTS**

**HAZARDOUS INGREDIENTS**

| Chemical Name             | CAS-No.    | Concentration [%] | Trade Secret |
|---------------------------|------------|-------------------|--------------|
| Lauryl Alcohol Alkoxylate | 68154-97-2 | 10-15             | *            |
| Sodium Xylene Sulfonate   | 1300-72-7  | 5-10              | *            |

\*Exact percentage withheld as trade secret

**SECTION 4 - FIRST-AID MEASURES**

|                       |   |
|-----------------------|---|
| <b>General Advice</b> | : Move out of dangerous area<br>Consult a physician<br>Show this Safety Data Sheet to the doctor in attendance  |
| <b>Inhalation</b>     | : Move victim to fresh air. Give artificial respiration only if breathing has stopped. Give cardiopulmonary resuscitation (CPR) if there is no breathing and no pulse. Obtain medical attention immediately.  |
| <b>Skin Contact</b>   | : Immediately flush with cool water for 15 minutes while removing contaminated clothing and shoes. Discard or wash well before reuse. Seek medical attention if irritation develops/persists.   |
| <b>Eye Contact</b>    | : If a contact lens is present, DO NOT delay irrigation or attempt to remove the lens. Get medical attention if irritation develops and persists. Rinse with water. Immediately flush with cool water. Remove contact lenses, if applicable, and continue flushing for 15 minutes. Seek medical attention if irritation develops.   |
| <b>Ingestion</b>      | : Do not induce vomiting. Rinse mouth with water then drink one or two glasses of water. Seek medical attention, or contact poison control centre immediately. Never give anything by mouth if victim is unconscious, is rapidly losing consciousness or is convulsing. If vomiting occurs, keep head low so that stomach content doesn't get into the lungs. IF SWALLOWED: immediately call a POISON CENTRE or doctor/physician. |

**SECTION 5 - FIRE-FIGHTING MEASURES**

|   |  |
|---|--|
| <b>Suitable extinguishing media</b>                 | : Alcohol foam, carbon dioxide, dry chemical |
| <b>Specific hazards arising from the chemical</b>   | : None known                                 |
| <b>Special protective actions for fire-fighters</b> | : None                                       |
| <b>Additional advice</b>                            | : None                                       |

**SECTION 6 - ACCIDENTAL RELEASE MEASURES**

|                             |  |
|-----------------------------|--|
| <b>Personal precautions</b> | : Wear appropriate protective equipment. |
|-----------------------------|--|

**Environmental precautions**

: Prevent entry into sewers or streams. Dike if needed. The bacteria and carriers are naturally occurring and should not pose an environmental risk.

**Methods and materials for containment/  
cleaning up**

: Vacuum or sweep up avoiding generation of mist. Place in suitable labeled containers and hold for waste disposal. Wash spill site with water.

**Additional advice**

: None

**SECTION 7 - HANDLING AND STORAGE**

**Precautions for safe handling  
Conditions for safe storage**

: Use of nitrile gloves and eye protection is optional.  
: Keep out of reach of children. Do not freeze. Store in a closed container away from incompatible materials as provided in Section 10.

**Other data**

: Do not freeze.

**SECTION 8 - EXPOSURE CONTROLS/ PERSONAL PROTECTION**

**Control parameters  
Engineering Controls**

: Not available  
: Normal building ventilation is adequate. Ensure that eyewash stations and safety showers are close to the workstation location

**Personal Protective Equipment**

**Eye/face protection**

: Safety glasses with side shields when there is potential for eye contact. Face shield also recommended for handling large amounts. Contact lenses should not be worn

**Hand protection**

**Skin protection**

: Nitrile or rubber gloves are recommended  
: Protective coveralls or thick clothing that covers exposed skin

**Respiratory protection**

: Wear a NIOSH/MSHA approved air-purifying respirator equipped with chlorine cartridges when vapours reach high levels

**Hygiene measures**

: Handle in accordance with good industrial hygiene and safety practice  
When using do not eat or drink  
When using do not smoke  
Wash hands before breaks and at the end of the workday

**SECTION 9 - PHYSICAL AND CHEMICAL PROPERTIES**

**Appearance:**

: Clear blue liquid

**Odor:**

: None

**Odor Threshold:**

: Not available

**pH:**

: 10.2

**Melting point/ freezing point:**

: Not available

**Initial boiling point and boiling range:**

: Not available

**Flash point:**

: Not available

**Evaporation rate:**

: Not available

**Flammability (solid, gas):**

: Not available

**Upper/lower flammability or explosive limits:**

: Not available

**Vapour pressure:**

: Not available

**Vapour density:**

: Not available

**Relative density (g/mL):**

: 1.06

**Water solubility:**

: Not available

**Solubility in other solvents:**

: Not available

**Partition coefficient: n-octanol/water:**

: Not available

**Auto-ignition temperature:**

: Not available

Decomposition temperature: : Not available  
Viscosity: : As water

**SECTION 10 - STABILITY AND REACTIVITY**

Reactivity : Product is stable  
Chemical Stability : Stable under normal conditions  
Possibility of hazardous reactions : Hazardous decomposition products are not known  
Conditions to avoid : Avoid contact with oxidizing chemicals.  
Incompatible materials : Strong oxidizing agents  
Hazardous decomposition products : Not available

**SECTION 11 - TOXICOLOGICAL INFORMATION**

**Product Information**

Acute toxicity : Not available  
Skin Corrosion/ Irritation : Not available  
Serious eye damage/irritation : Not available  
Respiratory or skin sensitization : Not available  
Germ cell mutagenicity : Not available  
Carcinogenicity : Not available  
Reproductive toxicity : Not Available  
STOT-single exposure : Not available  
STOT-repeated exposure : Not available  
Aspiration hazard : Not available

**Toxicology Data for Ingredients**

**Lauryl Alcohol Alkoxylate**

Acute toxicity : LD50 dermal, rabbit: >2000 mg/kg  
LC50 oral, rat: 1800 mg/kg  
Skin irritation : Causes skin irritation  
Eye irritation : Causes eye irritation  
Respiratory or skin sensitization : Respiratory: Not available  
Skin: This product is not expected to cause skin sensitization  
Germ cell mutagenicity : No data available to indicate product or any components present at greater than 0.1% are mutagenic or genotoxic  
Carcinogenicity : This product is not considered to be a carcinogen by IARC, ACGIH, NTP, or OSHA  
Reproductive toxicity : This product is not expected to cause reproductive or developmental effects  
STOT-single exposure : Not applicable  
STOT-repeated exposure : Not applicable  
Aspiration hazard : Not applicable

**Sodium Xylene Sulfonate**

Acute Toxicity : LD50 Not available  
LC50 Not available  
Skin irritation : Not available  
Eye irritation : Not available  
Sensitization : Not available

**SECTION 12 - ECOLOGICAL INFORMATION**

**Product Information:**

Toxicity: : Alkaline. May cause damage to aquatic life.  
Persistence and degradability: : Not available  
Bioaccumulative potential: : Not available  
Mobility in soil: : Not available

|   |   |
|---|---|
| Other adverse effects:                  | : Not available   |
| <b>Toxicology Data for Ingredients:</b> |   |
| <b>Lauryl Alcohol Alkoxylate</b>        |   |
| Toxicity:                               | : EC50 algae: 1-10 mg/l, 96 hours<br>: EC50 crustacea (daphnia): 1-10 mg/l, 48 hours<br>: LC50 fish: 1-10 mg/l, 96 hours  |
| Persistence and degradability:          | : Expected to be ultimately biodegradable   |
| Bioaccumulative potential:              | : Not available   |
| Mobility in soil:                       | : Not available   |
| Other adverse effects:                  | : No other adverse environmental effects (e.g. ozone depletion, photochemical ozone creation potential, endocrine disruption, global warming potential) are expected from this component. |
| <br><b>Sodium Xylene Sulfonate</b>      |   |
| Toxicity:                               | : LC50 Not available  |
| Persistence and degradability:          | : LC50 Not available<br>: Not available   |
| Bioaccumulative potential:              | : Not available   |
| Mobility in soil:                       | : Not available   |
| Other adverse effects:                  | : Not available   |

**SECTION 13 - DISPOSAL CONSIDERATIONS**

|                |   |
|----------------|---|
| <b>Product</b> | : Sanitary sewer or dry absorbent if available.<br>: For large quantities, contact local environmental department or government authorities<br>: Do not dispose in drains, waterways, or soil<br>: Do not contaminate ponds, or ditches with chemical or the used container |
|----------------|---|

**SECTION 14 - TRANSPORT INFORMATION**

|   |                  |
|---|------------------|
| <b>UN Number</b>  | : Not available  |
| <b>UN Proper Shipping Name</b>  | : Not available  |
| <b>Transport hazard class(es)</b>   | : Not available  |
| <b>Packing group, if applicable</b>   | : Not available  |
| <b>Environmental hazards</b>  | : Not available  |
| <b>Special precautions for user</b>   | : Not Available  |
| <b>Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code</b> | : Not applicable |

**SECTION 15 - REGULATORY INFORMATION**

|   |   |
|---|---|
| <b>Polymer</b>  | : Polymer exempt in the following countries: Europe   |
| <b>US federal regulations</b>   | : This product is a "Hazardous Chemical" as defined by the OSHA Hazard Communication Standard, 29 CFR 1910.1200.              |
| <b>CERCLA Hazardous Substance List (40 CFR 302.4)</b>                     | : Not Listed  |
| <b>US. OSHA Specifically Regulated Substances (29 CFR 1910.1001-1050)</b> | : Not Listed  |
| <b>Superfund Amendments and Reauthorization Act of 1986 (SARA)</b>        |   |
| <b>Hazard Categories</b>  | : Immediate Hazard - Yes<br>: Delayed Hazard - No<br>: Fire Hazard - No<br>: Pressure Hazard - No<br>: Reactivity Hazard - No |

SARA 302 Extremely hazardous substance No  
 SARA 311/312 Hazardous chemical Yes  
 SARA 313 (TRI reporting)

| Chemical Name | CAS Number | % by wt. |
|---------------|------------|----------|
| Acetaldehyde  | 75-07-0    | <0.1     |

**Other federal regulations**

**Clean Air Act (CAA) Section 112 Hazardous Air Pollutants (HAPs) List** : Not regulated

**Clean Air Act (CAA) Section 112(r) Accidental Release Prevention (40 CFR 68.130)** : Not regulated

**Safe Drinking Water Act (SDWA)** : Not regulated

**US State regulations**

**US Massachusetts RTK - Substance list** : Not regulated

**US Rhode Island RTK** : Not regulated

**US California Proposition 65** : WARNING: This product may contain a chemical known to the State of California to cause cancer and birth defects or other reproductive harm: ethylene oxide (75-21-8)

WARNING: This product may contain a chemical known to the State of California to cause cancer: propylene oxide (75-56-9)

WARNING: This product contains a chemical known to the State of California to cause cancer

**US - California Proposition 65 - CRT: Listed date/Carcinogenic substance:** Acetaldehyde (CAS 75-07-0) Listed April 1, 1988

| <b>International Inventories</b> |  |                                |
|----------------------------------|--|--------------------------------|
| <b>Country(s) or region</b>      | <b>Inventory Name</b>  | <b>On Inventory (yes/no) *</b> |
| Australia                        | Australian Inventory of Chemical Substances (AICS)                     | Yes                            |
| Canada                           | Domestic Substances List (DSL)   | Yes                            |
| Canada                           | Non-Domestic Substances List (NDSL)                                    | No                             |
| China                            | Inventory of Existing Chemical Substances in China (IECSC)             | Yes                            |
| Europe                           | European Inventory of Existing Commercial Chemical Substances (EINECS) | No                             |
| Europe                           | European List of Notified Chemical Substances (ELINCS)                 | No                             |
| Japan                            | Inventory of Existing and New Chemical Substances (ENCS)               | Yes                            |
| Korea                            | Existing Chemicals List (ECL)  | Yes                            |
| New Zealand                      | New Zealand Inventory  | Yes                            |
| Philippines                      | Philippines Inventory of Chemicals and Chemical Substances (PICCS)     | Yes                            |

# SAFETY DATA SHEET

## L.T.R. Rinse Agent

|   |   |     |
|---|---|-----|
| United States and Puerto Rico   | Toxic Substances Control Act (TCSA) Inventory | Yes |
| *A "Yes" indicates that all components of this product comply with the inventory requirements administered by the governing country(s)<br>A "No" indicated that one or more components of the product are not listed or exempt from listing on the inventory administered by the governing country(s) |   |     |

### SECTION 16 - OTHER INFORMATION

**Prepared by:** Technical Services  
**Telephone number:** (905) 682-8888

**Preparation date:** January 2018

NOTICE: The data and information presented herein are based upon tests, research and reports which are considered by us to be reliable and believed to be accurate. The data and information are presented without warranty, guarantee or liability on our part, and are presented to the customer for his own consideration, investigation and verification. If user requires independent information on ingredients in this or any other material, we recommend contact with Canadian Centre for Occupational Health and Safety (CCOHS) in Hamilton, Ontario (905 572-4400)