

# SAFETY DATA SHEET

## L.T.R. Rinse Agent

### SECTION 1 - PRODUCT AND COMPANY INFORMATION

Product Name:	L.T. R. Rinse Agent
Product Use:	Low Temperature Industrial Dishware Rinse
Supplier Name and Address:	Corpack Canada 16 Seapark Drive, St. Catharines, ON L2M 6S6
Telephone:	: (905) 682-8888
Emergency Telephone:	: CANUTEC (613) 996-6666

### SECTION 2 - HAZARD IDENTIFICATION

#### EMERGENCY OVERVIEW

<b>Physical State:</b>	Liquid
<b>GHS Classification:</b>	
Skin Irritation:	Category 4
Eye Irritation:	Category 3
Acute Toxicity:	Category 3
<b>GHS Label Elements:</b>	
Hazard Pictograms	



Signal Word:	Danger
Hazard Statements:	H302 Harmful if swallowed H315 Causes skin irritation H319 Causes serious eye irritation
Precautionary Statements:	<b>Prevention</b> 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 <b>Response</b> 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
<b>Potential Health Effects:</b>	
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.



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### 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

- General Advice** : Move out of dangerous area  
Consult a physician  
Show this Safety Data Sheet to the doctor in attendance
- Inhalation** : 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.
- Skin Contact** : 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.
- Eye Contact** : 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.
- Ingestion** : 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

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

### SECTION 6 - ACCIDENTAL RELEASE MEASURES

- Personal precautions** : Wear appropriate protective equipment.



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<b>Environmental precautions</b>	: Prevent entry into sewers or streams. Dike if needed. The bacteria and carriers are naturally occurring and should not pose an environmental risk.
<b>Methods and materials for containment/cleaning up</b>	: Vacuum or sweep up avoiding generation of mist. Place in suitable labeled containers and hold for waste disposal. Wash spill site with water.
<b>Additional advice</b>	: None

### SECTION 7 - HANDLING AND STORAGE

<b>Precautions for safe handling</b>	: Use of nitrile gloves and eye protection is optional.
<b>Conditions for safe storage</b>	: Keep out of reach of children. Do not freeze. Store in a closed container away from incompatible materials as provided in Section 10.
<b>Other data</b>	: Do not freeze.

### SECTION 8 - EXPOSURE CONTROLS/ PERSONAL PROTECTION

<b>Control parameters</b>	: Not available
<b>Engineering Controls</b>	: Normal building ventilation is adequate. Ensure that eyewash stations and safety showers are close to the workstation location
<b>Personal Protective Equipment</b>	
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	: Nitrile or rubber gloves are recommended
Skin protection	: 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

<b>Appearance:</b>	: Clear blue liquid
<b>Odor:</b>	: None
<b>Odor Threshold:</b>	: Not available
<b>pH:</b>	: 10.2
<b>Melting point/ freezing point:</b>	: Not available
<b>Initial boiling point and boiling range:</b>	: Not available
<b>Flash point:</b>	: Not available
<b>Evaporation rate:</b>	: Not available
<b>Flammability (solid, gas):</b>	: Not available
<b>Upper/lower flammability or explosive limits:</b>	: Not available
<b>Vapour pressure:</b>	: Not available
<b>Vapour density:</b>	: Not available
<b>Relative density (g/mL):</b>	: 1.06
<b>Water solubility:</b>	: Not available
<b>Solubility in other solvents:</b>	: Not available



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**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.



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Persistence and degradability: : Not available  
Bioaccumulative potential: : Not available  
Mobility in soil: : Not available  
Other adverse effects: : Not available

### Toxicology Data for Ingredients:

#### Lauryl Alcohol Alkoxylate

Toxicity: : EC50 algae: 1-10 mg/l, 96 hours  
: EC50 crustacea (daphnia): 1-10 mg/l, 48 hours  
: 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.

#### Sodium Xylene Sulfonate

Toxicity: : LC50 Not available  
Persistence and degradability: : LC50 Not available  
: Not available  
Bioaccumulative potential: : Not available  
Mobility in soil: : Not available  
Other adverse effects: : Not available

### SECTION 13 - DISPOSAL CONSIDERATIONS

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

### SECTION 14 - TRANSPORT INFORMATION

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

### SECTION 15 - REGULATORY INFORMATION

**Polymer** : Polymer exempt in the following countries: Europe  
**US federal regulations** : This product is a "Hazardous Chemical" as defined by the OSHA Hazard Communication Standard, 29 CFR 1910.1200.  
**CERCLA Hazardous Substance List (40 CFR 302.4)** : Not Listed  
**US. OSHA Specifically Regulated Substances (29 CFR 1910.1001-1050)** : Not Listed  
**Superfund Amendments and Reauthorization Act of 1986 (SARA)**



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**Hazard Categories**

: Immediate Hazard - Yes  
 Delayed Hazard - No  
 Fire Hazard - No  
 Pressure Hazard - No  
 Reactivity Hazard - No

**SARA 302 Extremely hazardous substance**  
**SARA 311/312 Hazardous chemical**  
**SARA 313 (TRI reporting)**

No  
 Yes

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

International Inventories		
Country(s) or region	Inventory Name	On Inventory (yes/no) *
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



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Korea	Existing Chemicals List (ECL)	Yes
New Zealand	New Zealand Inventory	Yes
Philippines	Philippines Inventory of Chemicals and Chemical Substances (PICCS)	Yes
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) 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)