

SECTION 1 - PRODUCT AND COMPANY INFORMATION

Product Name: : CLEAR-MAX
 Product Use: : All 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

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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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 Alkoxyate

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
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
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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)	
Hazard Categories	: Immediate Hazard - Yes : Delayed Hazard - No : Fire Hazard - No : Pressure Hazard - No : 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

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
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)