

Issue Date: February 2018

## SECTION I – PRODUCT IDENTIFICATION

**Identity:** CLEANER DEGREASER  
**Brands:** #1187 CITRA CLEAN  
**Transportation Emergency (24 hour) Telephone Number – CHEMTREC:** 1-800-424-9300 – U.S. and Canada; 1-703-527-3887 – for calls originating elsewhere

## SECTION II – HAZARDS IDENTIFICATION

**GHS Classification:** Eye Irritant – Category 2B  
 Skin Irritant – Category 2



**DANGER!**  
 May cause eye and skin irritation.  
**Potential Health Hazards (Acute and Chronic):** (See Section 11 for more information)  
 Ingestion: Harmful if swallowed.  
 Eye Contact: Causes serious eye irritation.  
 Skin Contact: May cause irritation.  
 Inhalation: May cause respiratory tract irritation.  
**Potential Environmental Effects:** (See Section 12 for more information).

## SECTION III – COMPOSITION AND INGREDIENTS

<u>Chemical Name</u>	<u>Common Name</u>	<u>CAS No.</u>	<u>Composition Range</u>
Ethoxylated Alcohols	-	68991-48-0	5 – 10%
Silicic Acid Disodium Salt	-	6834-92-0	1 – 5%
Tetrasodium EDTA	-	64-02-0	0.1 – 1.5%
D'Limonene	-	5989-27-5	1 – 5%

## SECTION IV – FIRST AID INFORMATION

**First Aid Procedures:**  
 Ingestion: Rinse mouth. IF SWALLOWED; Call a Poison Center or doctor/physician if you feel unwell. Do not induce vomiting without advice from a doctor.  
 Eye Contact: Immediately flush eyes with plenty of water for 15 minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Get medical attention if irritation develops and persists.  
 Skin Contact: Wash with plenty of soap and water. If skin irritation occurs, get medical advice/attention.  
 Inhalation: Move to fresh air. Call a physician if symptoms develop or persist.

## SECTION V – FIRE FIGHTING INFORMATION

**Flash Point (Method Used):** > 100°C (Open Cup)  
**Flammable Properties:** Upper Flammable Limit: N/A Lower Flammable Limit: N/A  
**Auto-Ignition Temperature:** N/A  
**Hazardous Combustion Products:** Nitrogen Oxides, Carbon Monoxide, Carbon Dioxide  
**Explosion Data (Sensitivity to Mechanical Impact):** No Data  
**Explosion Data (Sensitivity to Static Discharge):** No Data  
**Extinguishing Media:** Water fog, Foam, Dry Chemical Powder, Carbon Dioxide (CO2).  
**Protection of Firefighters:** Self-contained breathing apparatus and full protective clothing must be worn in case of fire.

**SECTION VI – ACCIDENTAL RELEASE MEASURES**

<b>Methods and Materials for Containment &amp; Clean up:</b>	Large Spills: Stop the flow of material, if this is without risk. Dike the spilled material, where this is possible. Absorb in vermiculite, dry sand or earth and place into containers. Prevent entry into waterways, sewer, basements or confined areas. Small Spills: Wipe up with absorbent material (e.g. cloth, fleece). Clean surface thoroughly to remove residual contamination.
<b>Environmental Precautions:</b>	Avoid release into the environment. Contact local authorities in case of spillage to drain/aquatic environment. Avoid discharge into drains, water courses or onto the ground.

**SECTION VII – HANDLING AND STORAGE**

<b>Precautions for safe handling:</b>	Avoid contact with skin. Avoid contact with eyes. When using, do not eat, drink or smoke. Wash hands thoroughly after handling.
<b>Personal Protective Equipment:</b>	Chemical goggles if splashing likely to occur, rubber gloves if handling concentrate for long periods.
<b>Conditions for safe storage:</b>	Store in original tightly closed container. Keep from freezing. Store away from oxidizing agents and acids.

**SECTION VIII – EXPOSURE CONTROLS / PERSONAL PROTECTION**

<b>Occupational Exposure Limits:</b>	Not Available
<b>Appropriate Engineering Controls:</b>	Good general ventilation should be used.

**SECTION IX – PHYSICAL AND CHEMICAL PROPERTIES**

<b>Physical State:</b> Liquid	<b>Appearance and Odor:</b> Orange liquid with citrus odour.
<b>Odor Threshold:</b> Not Applicable	<b>Boiling Point:</b> >200 °F (93 °C)
<b>Specific Gravity:</b> 1.07	<b>Freezing Point:</b> Not Available
<b>Vapor Pressure:</b> Not Available	<b>pH:</b> (concentrate) 13.0 (± .3)
<b>Vapor Density:</b> Not Available	<b>Density (g/ml):</b> N/A
<b>Solubility in Water:</b> Complete	

**SECTION X – STABILITY AND REACTIVITY**

<b>Reactivity:</b>	The product is stable and non-reactive under normal conditions of use, storage and transport.
<b>Chemical Stability:</b>	Material is stable under normal conditions.
<b>Possibility of Hazardous Reactions:</b>	No dangerous reaction known under conditions of normal use.
<b>Incompatible Substances:</b>	Strong oxidizing agents, strong concentrated acids.
<b>Hazardous Decomposition Products:</b>	Upon decomposition, this product may yield carbon oxides, nitrogen oxides.

**SECTION XI – TOXICOLOGICAL INFORMATION**

<b>Signs and Symptoms of Exposure:</b>	
Ingestion:	Harmful if swallowed, may cause gastrointestinal discomfort.
Eye Contact:	Causes serious eye irritation / damage.
Skin Contact:	May cause irritation.
Inhalation:	May cause respiratory tract irritation.
<b>Chronic Effects:</b> No chronic health effects expected.	
<b>Toxicity Of Components:</b>	
Ethoxylated Alcohols	LD <sub>50</sub> (Oral Rat) = 5100 mg/kg
Tetrasodium EDTA	LD <sub>50</sub> (Oral Rat) = 1780 mg/kg
Silicic Acid, Disodium Salt	LD <sub>50</sub> (Oral Rat) = 1280 mg/kg
D'Limonene	LD <sub>50</sub> (Oral Rat) = 4400 mg/kg
<b>Carcinogenicity</b>	The finished product is not carcinogenic

**SECTION XII – ECOLOGICAL INFORMATION**

Based on ecotoxicity and chemical fate data the ingredients in this product are not expected to harm the environment when disposed of through normal routes of use. The surfactants in this detergent are readily biodegradable and well removed during sewage treatment processing.

**SECTION XIII – DISPOSAL CONSIDERATIONS**

**Waste Disposal Method:** DISPOSAL SHOULD BE IN ACCORDANCE WITH FEDERAL, STATE/PROVINCIAL AND LOCAL REGULATIONS.  
*Normal Use:* Disposal should be in accordance with local, state or national legislation.

**SECTION XIV – TRANSPORT INFORMATION****Ground Transport:** Not regulated**SECTION XV – REGULATORY INFORMATION****United States**

All intentionally added components of this product are listed on the US TSCA Inventory.

EPA Registration Number: Not Applicable

SARA 313/302/304/311/312 chemicals: None known in reportable quantities.

SARA 311/312 Hazardous Chemical: Yes

**CANADA**

This product has been classified in accordance with the hazard criteria of the Canadian Controlled Products Regulations (CPR) and this SDS contains all information required by the Controlled Products Regulations.

**SECTION XVI – OTHER INFORMATION**

Perfumes contained within the products covered by this SDS comply with appropriate IFRA guidance.

Hazard Rating:	Health:	2	4 = EXTREME
	Flammability:	0	3 = HIGH
	Reactivity:	0	2 = MODERATE
			1 = SLIGHT
			0 = NOT SIGNIFICANT

\* N/A. – Not Applicable

\*N/K – Not Known

Data supplied is for use only in connection with occupational safety and health.

DISCLAIMER: This SDS is intended to provide a brief summary of our knowledge and guidance regarding the use of this material. The information contained here has been compiled from sources considered by Bob Chambers Ltd. to be dependable and is accurate to the best of the Company's knowledge. It is not meant to be an all-inclusive document on worldwide hazard communication regulations.

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