

# SAFETY DATA SHEET

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## SECTION 1 – IDENTIFICATION

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**Product Identifier:** Citra Clean

**Other Means of Identification:** Not applicable

**Recommended Use:** Cleaner/Degreaser

**Initial Supplier Identifier:** GP Chemicals Specialty Ltd. 65 Beckett Avenue,  
Holland Landing, ON L9N 1R8 Canada **Phone** (905)731-3622

**Emergency telephone number:** 1-888-CAN-UTEC (226-8322)

**Issuing Date:** January 4, 2018

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## SECTION 2 – HAZARDOUS IDENTIFICATION

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**Physical hazards:**

Health hazards Acute toxicity, oral Category 4  
Acute toxicity, dermal Category 4  
Skin corrosion/irritation Category 2  
Serious eye damage/eye irritation Category 2  
Sensitization, skin Category 1  
Specific target organ toxicity, single exposure Category 3  
Hazardous to the aquatic environment, acute Category 2 hazard

**Environmental hazards:**

Hazardous to the aquatic environment, Category 3 long-term hazard  
OSHA defined hazards Not classified.

**Label elements:**



**Signal word:** Danger

**Hazard statement:**

Causes severe skin burns and eye damage. May cause an allergic skin reaction. Causes serious eye irritation. May cause drowsiness or dizziness. Toxic to aquatic life. Harmful to aquatic life with long lasting effects.

**Precautionary statement:**

Avoid breathing mist or vapor. Do not eat, drink or smoke when using this product. Contaminated work clothing must not be allowed out of the workplace. Wear eye/face protection. Wear protective gloves/protective clothing. Wash thoroughly after handling. Avoid release to the environment.

**Response if swallowed:**

Call a poison center/doctor if you feel unwell. Rinse mouth. If on skin: Wash with plenty of water. If skin irritation or rash occurs: Get medical attention. Take off contaminated clothing and wash before reuse. If inhaled: Remove person to fresh air and keep comfortable for breathing. Call a poison center/doctor if you feel unwell. If in eyes: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. If eye irritation persists: Get medical attention.

**Disposal:**

Dispose of contents/container in accordance with local/regional/national regulations.

**Hazard(s) not otherwise classified (HNOC):**

There is no additional information.

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

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Chemical Name	CAS No.	Concentration	Common name/ Synonyms	Other Identifiers
Ethylene glycol monobutyl ether	111-76-2	1-5%	butyl	
D'limonene	8028-48-6	1-5%	Orange oil	
Potassium hydroxide	1310-58-3	5-10%	KOH	

**Notes:**

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**SECTION 4 – FIRST-AID  
MEASURES**

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**Inhalation:**

In case of respiratory tract irritation, consult a physician immediately. Provide fresh air

**Skin Contact:**

After contact with skin, take off immediately all contaminated clothing, and wash immediately with plenty of water.

**Eye Contact:**

Irrigate copiously with clean, fresh water, holding the eyelids apart. Remove contact lenses, if present and easy to do. Continue rinsing.

**Ingestion:**

Rinse mouth with water (only if the person is conscious). Do NOT induce vomiting. Consult a physician immediately.

**Most Important Symptoms and Effects, Acute and Delayed:  
Overview**

**SKIN:** Will cause severe burns to skin,

If not rinsed with water immediately

**EYES:** Avoid contact with eyes. If not removed promptly, will injure eye tissue which may result in permanent damage

**INGESTION:** May cause pain, irritation, and sores in mouth, esophagus, and stomach.

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**SECTION 5 – FIRE-FIGHTING  
MEASURES**

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**Extinguishing Media Suitable:** water, foam, alcohol resistant foam, ABC-powder

**Extinguishing Media Specific Hazards Arising from the Product:** Deposited combustible dust has considerable explosion potential. Explosive when mixed with combustible material.

**Special Protective Equipment and Precautions for Fire-Fighters:** Use personal protective equipment. In case of fire and/or explosion do not breathe fumes. Co-ordinate firefighting measures to the fire surroundings. Do not allow firefighting water to enter drains or water

courses. Collect contaminated water separately. Fight fire with normal precautions from a reasonable distance.

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## SECTION 6 – ACCIDENTAL RELEASE MEASURES

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### Personal Precautions, Protective Equipment, and Emergency Procedures:

Remove persons to safety  
Wear breathing apparatus if exposed to vapors.

### Environmental precautions:

Do not flush into surface water or sanitary sewer system.  
Use appropriate containment to avoid environmental contamination.

### Methods for Containment and Cleaning Up:

Contain spillage, soak up with non-combustible absorbent material, (e.g. sand, earth, diatomaceous earth, vermiculite) and transfer to a container for disposal according to local / national regulations. (see section 13).  
Use only non-sparking equipment.  
Dike large spills.  
Clean residue from spill site.

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## SECTION 7 – HANDLING AND STORAGE

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**Precautions for Safe Handling:** Do not eat, drink or smoke when handling this product.  
Wear protective gloves/protective clothing and eye/face protection. Wash face, hands, and any exposed skin thoroughly after handling.

**Conditions for Safe Storage:** Store locked up. Store away from incompatible materials.  
Store in a well ventilated area. Keep container tightly closed.

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## SECTION 8 – EXPOSURE CONTROLS/PERSONAL PROTECTION

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Components	CAS-No.	Mg/m <sup>3</sup>	ppm	Non-Standard Units	Basis
D'limonene	8028-48-6	165.5 mg/m <sup>3</sup>	30ppm	-	TWA
2-butoxyethanol	111-76-2	-	35ppm	-	TWA
Potassium	1310-58-3	2mg/m <sup>3</sup>	-	-	TWA

hydroxide		PEAK			STEL
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**Individual Protection Measures:** Use good personal hygiene practices. Wash hands before eating, drinking, smoking or using toilet. Promptly remove soiled clothing and wash thoroughly before reuse.

**Eye/Face Protection:** Wear eye/ face protection

**Skin Protection:** Wear protective gloves. Take recovery periods for skin regeneration. Preventive skin protection (barrier creams/ ointments) is recommended. Wash hands thoroughly after handling.

**Respiratory Protection:** None needed under normal use conditions with adequate ventilation.

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## SECTION 9 – PHYSICAL AND CHEMICAL PROPERTIES

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**Appearance:** Liquid

**Color:** fluorescent green

**Odour:** citrus odour

**Odour Threshold:** Not Determined

**pH:** 9.5

**Melting Point and Freezing Point:** N/D

**Initial Boiling Point and Boiling Range:** 100C

**Flash Point:** none

**Evaporation Rate:** Not available

**Flammability (solid, gas):** No

**Upper and Lower Flammability or Explosive Limit:** Not Available

**Vapour Pressure:** No data available

**Vapour Density (air = 1):** No data available

**Relative Density (water = 1):** No data available

**Solubility in Water:** Completely Soluble

**Partition Coefficient, n-Octanol/Water (Log Kow):** N/D

**Auto-ignition Temperature:** N/A

**Decomposition Temperature:** N/A

**Viscosity:** N/A

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## SECTION 10 – STABILITY AND REACTIVITY

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**Reactivity:** No dangerous reaction known under conditions of normal use.

**Chemical Stability:** Stable under normal circumstances.

**Possibility of Hazardous Reactions:** No dangerous reaction known under conditions of normal use

**Conditions to Avoid:** There are no specific conditions known which have to be avoided.

**Incompatible Materials:** Strong oxidizing agents

**Hazardous Decomposition Products:** Carbon monoxide (CO). Carbon dioxide (CO<sub>2</sub>).

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## SECTION 11 – TOXICOLOGICAL INFORMATION

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**Likely Routes of Exposure:**

Inhalation       Skin Contact       Eye Contact       Ingestion

**Acute Toxicity:**

Component	LD50 oral rat	LD50 Dermal	LC50
Glycol ether EB	3700mg/kg	>2000mg/kg	N/Av
KOH	100mg/kg	1350 mg/kg	N/Av
D'limonene	4400mg/kg	N/Av	N/Av

**Skin Corrosion/Irritation:** Causes severe burns and eye damage.

**Serious Eye Damage/Irritation:** Causes serious eye damage.

**STOT (Specific Target Organ Toxicity) – Single Exposure:** N/A

**Aspiration Hazard:** N/A

**STOT (Specific Target Organ Toxicity) – Repeated Exposure:** N/A

**Respiratory and/or Skin Sensitization:** May cause an allergic skin reaction.

**Carcinogenicity:** N/A

**Reproductive Toxicity:** N/A

**Development of Offspring:** N/A

**Sexual Function and Fertility:** N/A

**Effects on or via Lactation:** N/A

**Germ Cell:** N/A

**Mutagenicity:** N/A

**Interactive Effects:** N/A

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## SECTION 12 – ECOLOGICAL INFORMATION

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**Toxicity:** The ingredients in this formula have been reviewed and no adverse impact to the environment is expected when used according to label directions.

### Toxicity to fish:

Components	End point	Species	Value	Exposure time
Ethelene glycol monobutyl ether	LC50	Pimephales promelas (fathead minnow)	1474 mg/l	96h
D'limonene	LC50 Flow through	Pimephales Promelas	0.619 mg/l	96h

### Toxicity to aquatic invertebrates

Components	End Point	Species	Value	Exposure time
Ethylene glycol Monobutyl ether	EC50	Daphnia magna (water flea)	1550 mg/l	48h

### Toxicity to aquatic plants

Components	End point	Species	Value	Exposure time
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Ethylene glycol Monobutyl ether	ErC50	Algae	1840mg/l	72h
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**Persistence and degradability**

Component	Biodegradation	Expose Time	Process
Ethylene glycol Monobutyl ether	18.3%	3d	Carbon dioxide generation
D'limonene	96%	28d	DOC removal

**Bioaccumulative Potential**

Components	Factor (BCF)	Octanol/water (log)
Ethylene glycol Monobutyl ether	-	0.81
D'limonene	-	5.6

**Mobility in Soil:** No data available.

**Other Adverse Effects:** None Known

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**SECTION 13 – DISPOSAL CONSIDERATIONS**

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**Disposal Considerations:**

Do not empty into drains. Avoid release to the environment. Refer to special instructions/safety data sheets.

Completely empty packages can be recycled. Handle contaminated packages in the same way as the substance itself.

Please consider the relevant national or regional provisions. Waste shall be separated into the categories that can be handled separately by the local or national waste management facilities.

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**SECTION 14 – TRANSPORT INFORMATION**

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Regulation	UN No.	Proper Shipping Name	Technical Name (for N.O.S. entry)	Transport Hazard Class(es)	Packing Group



Corrosive liquids	1760	POTASSIUM HYRDOXIDE SOL'N		8	III

**Special Precautions:**

**Land Transport:**

CLASS 8 UN1760 P.G. III  
CORROSIVE LIQUIDS N.O.S.  
(POTASSIUM HYDROXIDE SOL'N)

**Sea Transport:**

CLASS 8 UN1760 P.G. III  
CORROSIVE LIQUIDS N.O.S.  
(POTASSIUM HYDROXIDE SOL'N)

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**SECTION 15 – REGULATORY INFORMATION**

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**Safety, Health and Environmental Regulations:**

**Workplace classification:**

This product is considered hazardous under the OSHA Hazard Communication Standard (29 CFR 1910.1200). The Occupational Safety and Health Administration's interpretation of the product's hazard to workers.

**SARA Title 3:**

Section 311/312 Categorizations (40 CFR 372): This product is a hazardous chemical under 29 CFR 1910.1200, and is categorized as an immediate and delayed health physical hazards. Superfund Amendment and Reauthorization Act (SARA) category. SARA requires reporting any spill of any hazardous substance.

**TSCA status:** All chemicals in this product are listed, or are exempt from listing, on the TSCA Inventory.

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

**PROP 65 (CA): WARNING:** This product may contain chemicals known to the state of California to cause cancer, birth defects or other reproductive harm.

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**SECTION 16 – OTHER INFORMATION**

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**Date of Latest Revision: January 4, 2018**

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