

# SAFETY DATA SHEET

## SECTION 1 - IDENTIFICATION

**Product Identifier:** Delime

**Other Means of Identification:** Not applicable

**Recommended Use:** Delimiting solution

**Initial Supplier Identifier:** GP Chemicals Specialty Ltd. 65 Beckett Avenue, Holland Landing, ON L9N 1R8 Phone No: (905)731-3622

**Emergency telephone number:** 613-996-6666

**Issuing Date:** 08/03/17

## SECTION 2 – HAZARDOUS IDENTIFICATION

### 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.

**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 Inhaled:**

Move to fresh air.  
**IF INHALED:** Call a **POISON CENTER** or doctor/ physician if you feel unwell.  
Keep patient warm and at rest.  
If unconscious place in recovery position and seek medical advice.

**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.

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

Chemical Name	CAS No.	Concentration	Common name/ Synonyms	Other Identifiers
Hydrochloric Acid	7647-01-0	10-30%		

**Notes:**

**SECTION 4 – FIRST AID MEASURES**

**Inhalation:**

In case of respiratory tract irritation, consult a physician. 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.

**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.

## SECTION 5 – FIRE-FIGHTING MEASURES

**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.

## SECTION 6 – ACCIDENTAL RELEASE MEASURES

### **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.

**SECTION 7 – HANDLING AND STORAGE**

**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.

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

Components	CAS-No.	Mg/m <sup>3</sup>	ppm	Non-Standard Units	Basis
Hydrochloric Acid	7647-01-0		2	OSHA FINAL PEL CEILING	TWA

**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.

**SECTION 9 – PHYSICAL AND CHEMICAL PROPERTIES**

**Appearance:** Liquid

**Color:** Green

**Odour:** Pungent (acidic)

**Odour Threshold:** Not Determined

**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

## SECTION 10 – STABILITY AND REACTIVITY

**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>).

## SECTION 11 – TOXICOLOGICAL INFORMATION

**Likely Routes of Exposure:**

Inhalation       Skin Contact       Eye Contact       Ingestion

**This chemical can be hazardous when inhaled and/or touched.**

**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

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**Germ Cell:** N/A

**Mutagenicity:** N/A

**Interactive Effects:** N/A

## **SECTION 12 – ECOLOGICAL INFORMATION**

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

This product components are not classified as environmentally hazardous. However, this does not exclude the possibility that large or frequent spills can have a harmful or damaging effect on the environment.

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

**Other Adverse Effects:** None Known

## **SECTION 13 – DISPOSAL CONSIDERATIONS**

### **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.



**SECTION 14 – TRANSPORT INFORMATION**

<b>Regulation</b>	<b>UN No.</b>	<b>Proper Shipping Name</b>	<b>Technical Name (for N.O.S. entry)</b>	<b>Transport Hazard Class(es)</b>	<b>Packing Group</b>
Corrosive liquids	1760	HYDROCHLORIC ACID SOL'N		8	II

**Special Precautions:****Land Transport:**

CLASS 8 UN1760 P.G. II  
CORROSIVE LIQUIDS N.O.S.  
(HYDROCHLORIC ACID SOL'N)

**Sea Transport:**

CLASS 8 UN1760 P.G. II  
CORROSIVE LIQUIDS N.O.S.  
(HYDROCHLORIC ACID SOL'N)

**SECTION 15 – REGULATORY INFORMATION****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.

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**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 know to the state of California to cause cancer, birth defects or other reproductive harm.

## **SECTION 16 – OTHER INFORMATION**

**Date of Latest Revision: March 8, 2017**

The information provided in this Safety Data Sheet is correct to the best of our knowledge, information and belief at the date of its publication. The information given is designed only as a guidance for safe handling, use, processing, storage, transportation, disposal and release and is not to be considered a warranty or quality specification. The information relates only to the specific material designated and may not be valid for such material used in combination with any other materials or in any process, unless specified in the text.