

# SAFETY DATA SHEET

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## SECTION 1 – IDENTIFICATION

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**Product Identifier:** Tech 421

**Other Means of Identification:** Not applicable

**Recommended Use:** Multi- Purpose cleaner/ Degreaser

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

**Emergency telephone number:** 1-888-CAN-UTEC (226-8832), 613-996-6666 or \*666 on a cellular phone.

**Issuing Date:** 2018-11-07

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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:**

No data available.

**Label elements:**



Safety Data Sheet  
Tech 421

**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.

**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	
Sodium metasilicate, anhydrous	6834-92-0	1-5%		

Safety Data Sheet  
Tech 421

Trisodium phosphate	7601-54-9	1-5%		
Potassium Hydroxide	1310-58-3	1-5%		
MONOETHANOLAMINE	141-43-5	1-5%		
Dodecylbenzenesulfonic acid solution	27176-87-0	1-5%		

**Notes:**

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**SECTION 4 – FIRST-AID  
MEASURES**

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**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 burns to skin, If not rinsed with water immediately.

**EYES:** Avoid contact with eyes. IF in contact with eyes, use plenty of water to flush out.

**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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Safety Data Sheet  
Tech 421

**Extinguishing Media Suitable:** Water, foam, alcohol resistant foam, ABC-powder (Product is not flammable, extinguish fire with regards to surrounding materials).

**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).

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

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Safety Data Sheet  
Tech 421

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/m3	ppm	Non-Standard Units	Basis
Sodium metasilicate	6834-92-0	165.5 mg/m3	30ppm	-	TWA
2-butoxyethanol	111-76-2	-	35ppm	-	TWA
Trisodium phosphate	7601-54-9	-	-	-	TWA STEL
KOH	1310-58-3	2mg/m3 PEAK	-	-	TWA STEL
MONOETHANOLAMINE	141-43-5	-	6	STEL	STEL ACGIH
Dodecylbenzenesulfonic acid solution	27176-87-0	-	-	-	-

**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:** Blue

**Odor:** detergent odor

**Odor Threshold:** Not Determined

**pH:** 12-13

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

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

**Flash Point:** Does not sustain flash.

**Evaporation Rate:** Not available

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

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

**Vapor Pressure:** No data available

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

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

**Solubility in Water:** Miscible

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

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

**Decomposition Temperature:** N/A

Safety Data Sheet  
Tech 421

**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:** Not available.

**Hazardous Decomposition Products:** Not available

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**SECTION 11 – TOXICOLOGICAL INFORMATION**

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**Likely Routes of Exposure:**

x Inhalation      x Skin Contact      x Eye Contact         Ingestion

**Skin Corrosion/Irritation:** Causes severe eye damage and mild irritation/corrosion on the skin.

**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.

Safety Data Sheet  
Tech 421

**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:

<b>Components</b>	<b>End point</b>	<b>Species</b>	<b>Value</b>	<b>Exposure time</b>
Ethelene glycol monobutyl ether	LC50	Pimephales promelas (fathead minnow)	1474 mg/l	96h

**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:**



Safety Data Sheet  
Tech 421

Do not empty concentrated product into drains or other water ways. Avoid release to the environment. Obtain disposal information from a certified disposal company.

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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<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>
TDG	1760	POTASSIUM HYDROXIDE 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:**

Safety Data Sheet  
Tech 421

**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 know 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: November 07<sup>th</sup> 2018**

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Safety Data Sheet  
Tech 421

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