

SAFETY DATA SHEET

SECTION 1 – IDENTIFICATION

Product Identifier: Break Thru

Other Means of Identification: Not applicable

Recommended Use: Liquid alive bacteria with instant odour control

Restrictions on Use: Reserved for industrial and professional use

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

Emergency telephone number: 1-888-CAN-UTEC (226-8832)

Issuing Date: 21/02/2018

SECTION 2 – HAZARDOUS IDENTIFICATION

Classification of substance or mixture:



Irritant

Eye irritation category 2B

Signal word: Warning

Hazard Statements:

Causes eye irritation

Precautionary Statements:

If medical advice is needed, have product container or label at hand

Keep out of reach of children

Read label before use

Do not eat, drink or smoke while handling this product.

Break Thru

If In eyes: Rinse cautiously with water for several minutes. Remove contact lens if present and easy to do, continue rinsing

If irritation persists get medical advice/ attention

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

Chemical Name	CAS No.	Concentration	Common name/ Synonyms	Other Identifiers
Proprietary Enzyme Formula	*****	***		

Notes: The specific chemical identity and exact percentage (concentration) of composition has been withheld as a trade secret.

**SECTION 4 – FIRST-AID
MEASURES**

Inhalation: Seek medical attention if irritation occurs.

Skin Contact: In case of skin contact, flush thoroughly with water. Saturated clothing should be removed and washed. Seek medical attention if irritation continues.

Eye Contact: Rinse with clean water for at least 5 minutes

Ingestion: If swallowed, Rinse mouth with water. If irritation occurs seek medical attention.

Most Important Symptoms and Effects, Acute and Delayed:

Overview

SKIN: May cause mild irritation with prolonged exposure.

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: As appropriate for surrounding fire.

Extinguishing Media Specific Hazards Arising from the Product: Hazardous decomposition: Decomposition will not occur if handled and stored correctly.

Special Protective Equipment and Precautions for Fire-Fighters: Use personal protective equipment.

SECTION 6 – ACCIDENTAL RELEASE MEASURES

Personal Precautions, Protective Equipment, and Emergency Procedures: Ensure clean-up is conducted by trained personnel only. Refer to protective measures listed in sections 7 and 8

Methods for Containment and Cleaning Up: Stop leak if safe to do so. Contain spillage, and then collect with non-combustible absorbent material, (e.g. sand, earth, diatomaceous earth, vermiculite) and place in container for disposal according to local/ and national regulations. Flush away traces with water. For large spills, dike spilled material or otherwise contain material to ensure runoff does not reach a waterway.

SECTION 7 – HANDLING AND STORAGE

Precautions for Safe Handling: No special handling advice required.

Conditions for Safe Storage: Keep out of reach of children. Keep container tightly closed. Store in suitable labelled containers.

Storage Temperature: 0C to 50C

SECTION 8 – EXPOSURE CONTROLS/PERSONAL PROTECTION

Appropriate Engineering Controls: Good general ventilation should be sufficient.

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 safety glasses with side shields to protect the eyes if spashing is possible.. An eye wash station is suggested as a good workplace practice.

Skin Protection: None needed for proper use in accordance with label direction. Where prolonged or frequently repeated contact could occur, use protective clothing or gloves to minimize skin contamination. Chemical impervious gloves required.

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

**SECTION 9 – PHYSICAL AND CHEMICAL
PROPERTIES**

Appearance: Liquid

Color: Milky white to cream in color

Odour: apple

Odour Threshold: Not Determined

pH: 7-8

Melting Point and Freezing Point: N/D

Initial Boiling Point and Boiling Range: >100C

Flash Point: N/A

Evaporation Rate: N/A

Flammability (solid, gas): N/A

Upper and Lower Flammability or Explosive Limit: N/A

Vapour Pressure: N/A

Vapour Density (air = 1): N/A

Relative Density (water = 1): 1.025-1.045

Solubility in Water: Soluble

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

Auto-ignition Temperature: N/A

Decomposition Temperature: N/A

Viscosity: 774.338 mm²/s (40C)

SECTION 10 – STABILITY AND REACTIVITY

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

Chemical Stability: Stable under normal circumstances.

Break Thru

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

Conditions to Avoid: None known.

Incompatible Materials: None known.

Hazardous Decomposition Products: Carbon Oxides

SECTION 11 – TOXICOLOGICAL INFORMATION

Likely Routes of Exposure:

Inhalation **Skin Contact** **Eye Contact** **Ingestion**

Acute Toxicity:

LC50: N/A

LD50 (oral): N/A

LD50 (dermal): >5000 mg/kg

Skin Corrosion/Irritation: N/A

Serious Eye Damage/Irritation: Mild eye irritation

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: N/A

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

SECTION 12 – ECOLOGICAL INFORMATION

Ecotoxicity: Harmful to aquatic life.

Persistence and Degradability: There is no data available on the preparation itself.

Bioaccumulative Potential: Not Measured.

Mobility in Soil: No data available.

Other Adverse Effects: No data available.

SECTION 13 – DISPOSAL CONSIDERATIONS

Disposal Methods: Dispose of in accordance with applicable municipal, provincial, state or national regulations. Not classified as dangerous according to transport regulations.

SECTION 14 – TRANSPORT INFORMATION

Regulation	UN No.	Proper Shipping Name	Technical Name (for N.O.S. entry)	Transport Hazard Class(es)	Packing Group
Not regulated	Not regulated	Not regulated	Not regulated	Not regulated	Not regulated

Environmental Hazards: Not a marine pollutant.

SECTION 15 – REGULATORY INFORMATION

Safety, Health and Environmental Regulations: Not Regulated

SECTION 16 – OTHER INFORMATION

Date of Latest Revision: February 21st, 2018

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