

SAFETY DATA SHEET

Break Plus

SECTION 1 - PRODUCT AND COMPANY INFORMATION

Product Name: Break Plus
Product Use: Laundry Additive
Supplier Name and Address: Corpack Canada
16 Seapark Drive,
St. Catharines, ON L2M 6S6
Telephone: : (905) 682-8888
Emergency Telephone: : CANUTEC (613) 996-6666

SECTION 2 - HAZARD IDENTIFICATION

EMERGENCY OVERVIEW

Physical State: Clear, colourless liquid
GHS Classification:
Skin Irritation: Category 1B
Eye Irritation: Category 1
Acute Toxicity: Category 3
GHS Label Elements:
Hazard Pictograms



Signal Word: Danger
Hazard Statements: H301 Toxic if swallowed
H312 Harmful in contact with skin
H314 Causes severe skin burns and eye damage
Precautionary Statements:
Prevention
P261 Avoid breathing dust/fume/gas/mist/vapours/spray
P262 Do not get in eyes, on skin, or on clothing
P284 In case of inadequate ventilation wear respiratory protection
Response
P302 IF ON SKIN: Flush with plenty of water for at least 15 minutes



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P305 IF IN EYES: Flush with plenty of water for at least 15 minutes

P332+P313 If skin irritation persists, get medical attention

Potential Health Effects:

Inhalation

: Strongly irritating to the eyes; slightly irritating to the nose throat, and lungs. High concentration of vapours will cause irritation or if inhaled as a mist.

Skin

: Causes severe skin irritation Symptoms may be delayed.

Eyes

: Causes severe eye irritation

Ingestion

: Harmful or fatal if swallowed

Aggravated Medical Condition

: None known

Symptoms of Overexposure

: None known

SECTION 3 - COMPOSITION/ INFORMATION ON INGREDIENTS

HAZARDOUS INGREDIENTS

Chemical Name	CAS-No.	Concentration [%]
Sodium Hydroxide	1310-73-2	20
Sodium Xylene Sulfonate	1300-72-7	3
Sodium Metasilicate Pentahydrate	6834-92-0	1-5

SECTION 4 - FIRST-AID MEASURES

General Advice

: Move out of dangerous area
Consult a physician
Show this Safety Data Sheet to the doctor in attendance

Inhalation

: Remove victim to fresh air. If symptoms persist, call a physician.

Skin Contact

: Flush skin with plenty of water for at least 15 minutes while removing contaminated clothing. Call physician immediately. Wash contaminated clothing before reuse.

Eye Contact

: IMMEDIATELY flush eyes with running water for at least 15 minutes keeping eyelids open. Call physician if irritation persists

Ingestion

: Immediately call physician. DO NOT induce vomiting. Give several glasses of water. Never give anything by mouth if victim is unconscious or convulsing.

SECTION 5 - FIRE-FIGHTING MEASURES

Suitable extinguishing media

: Water fog, carbon dioxide, dry chemical

Specific hazards arising from the chemical

: Not available

Special protective actions for fire-fighters

: Not available

Additional advice

: Not sensitive to mechanical impact or static discharge

SECTION 6 - ACCIDENTAL RELEASE MEASURES

Personal precautions

: Wear appropriate protective equipment.

Environmental precautions

: Prevent entry into sewers or streams. Dike if needed.

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**Methods and materials for containment/
cleaning up**

: Eliminate all ignition sources. Contain spill by diking. If fire potential exists, blanket spill with aqueous film-forming foam or use water fog stream to disperse vapours. Neutralize the residue with sodium carbonate or crushed limestone. Absorb with an inert dry material and place in an appropriate waste disposal container.

Additional advice

: None

SECTION 7 - HANDLING AND STORAGE

Precautions for safe handling

: Avoid contact with skin, eyes, and clothing. Wear proper protective equipment including rubber gloves

Conditions for safe storage

: Store in a cool, dry area. Keep away from incompatible materials

Other data

: Rinse work area after use. Keep out of reach of children. Avoid contamination of food. Wash hands thoroughly after handling

SECTION 8 - EXPOSURE CONTROLS/ PERSONAL PROTECTION

Control parameters

: None available

Engineering Controls

: Normal building ventilation is adequate
Ensure that eyewash stations and safety showers are close to the workstation location

Personal Protective Equipment

Eye/face protection

: Safety glasses with side shields when there is potential for eye contact. Contact lenses should not be worn

Hand protection

: Nitrile or rubber gloves are recommended

Skin protection

: Protective coveralls or thick clothing that covers exposed skin

Respiratory protection

: Suitable breathing mask if mists or vapors are present

Hygiene measures

: Handle in accordance with good industrial hygiene and safety practice
When using do not eat or drink
When using do not smoke
Wash hands before breaks and at the end of the workday

SECTION 9 - PHYSICAL AND CHEMICAL PROPERTIES

Appearance:

: Clear, colourless liquid

Odor:

: Odourless

Odor Threshold:

: Not available

pH:

: 11-12

Melting point/ freezing point:

: Not available

Initial boiling point and boiling range:

: Not available

Flash point:

: Not available

Evaporation rate:

: Not available

Flammability (solid, gas):

: Not available

Upper/lower flammability or explosive limits:

: Not available

Vapour pressure:

: Not available

Vapour density:

: Not available

Relative density (g/mL):

: 1.34

Water solubility:

: Very soluble

Solubility in other solvents:

: Not available



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Other adverse effects: : Material is slightly toxic to aquatic organisms on an acute basis

Sodium Xylene Sulfonate
Toxicity: : EC50 algae: \geq 230mg/kg 72 hours
: EC50 daphnia: \geq 1000mg/l 48 hours
: LC50 fish: \geq 1000 mg/l 96 hours

Persistence and degradability: : Not available
Bioaccumulative potential: : Not available
Mobility in soil: : Not available

SECTION 13 - DISPOSAL CONSIDERATIONS

Product : Sanitary sewer or dry absorbent if available.
For large quantities, contact local environmental department or government authorities
Do not dispose in drains, waterways, or soil
Do not contaminate ponds, or ditches with chemical or the used container

SECTION 14 - TRANSPORT INFORMATION

UN Number : UN1824
UN Proper Shipping Name : Sodium Hydroxide solution
Transport hazard class(es) : Class 8
Packing group, if applicable : II
Environmental hazards : Not available
Special precautions for user : Not available
Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code : Not applicable

SECTION 15 - REGULATORY INFORMATION

WHMIS Information: Corrosive, D1B, E. TSCA Inventory Listing. Product is on the DSL and TSCA Inventory listing.

SECTION 16 - OTHER INFORMATION

Prepared by: Technical Services
Telephone number: (905) 682-8888

Preparation date: January 2018

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