

Safety Data Sheet

MANUFACTURED FOR:



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Section 1. Chemical Product and Company Identification

Product Name CCL Invader
Product Use Powder Presoak
Product Code 3888-CCLRB
Date of Issue 8/23/2016
Supersedes -

Emergency Telephone Numbers CHEMTREC- 1-800-424-9300

(For use only in the event of emergencies involving a spill, leak, fire, exposure, or accident involving chemicals)

Section 2. Hazards Identification

Emergency Overview

DANGER



Health Hazards

Skin Corrosion/Irritation Category 1
Serious eye damage/ eye irritation Category 1

Precautionary Statements:

P260 Do not breathe dust/fume/gas/mist/vapors/spray.
P264 Wash hands thoroughly after handling.
P280 Wear protective gloves/protective clothing/eye protection/face protection.
P301+P330+P331 IF SWALLOWED: rinse mouth. Do NOT induce vomiting.
P303+P361+353 IF ON SKIN (or hair): Remove/take off immediately all contaminated clothing. Rinse skin with water/shower.
304+340 IF INHALED: Remove victim to fresh air and Keep at rest in a position comfortable for breathing.
310 Immediately call a POISON CENTER or doctor/physician.
305+351+338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
P405 Store locked up.
P501 Dispose of in accordance with all Federal, State and Local regulations.

Hazard Statements:

H314 Causes severe skin burns and eye damage

Routes of Entry Dermal, Oral, and Inhalation

Acute Effects:

Eyes Causes irritation to serious eye damage, including blindness. Severity increases with duration of contact.
Skin Can cause skin burns and tissue damage.
Inhalation Will cause severe irritation and burns to respiratory tract.
Ingestion Corrosive to the mucous membranes of the mouth, throat, esophagus and stomach. Causes burns, nausea, and vomiting with gastrointestinal disorder. Can be fatal if swallowed.

Section 3. Composition/Information on Ingredients

Name of Hazardous Ingredients	CAS Number	% by Weight
Sodium Hydroxide	1310-73-2	<5
Sodium Tripolyphosphate	7758-29-4	50-60
Sodium Metasilicate Pentahydrate	6834-92-0	<15
2-butoxyethanol	111-76-2	<5
Nonylphenol Ethoxylates	9016-45-9	<5

Any concentration shown as range is to protect confidentiality or due to batch variation

Section 4. First Aid Measures

Eye Contact	Flush immediately with clean water for 15 minutes. Seek immediate medical attention if irritation persists.
Skin Contact	If irritation occurs, flush with plenty of clean water; use soap if available. Remove severely contaminated clothing (including shoed) and wash before reuse. Seek medical attention if a rash occurs or if irritation continues.
Inhalation	Remove person to fresh air. Begin CPR if breathing has stopped, and seek medical attention immediately.
Ingestion	Do not induce vomiting. If conscious give several glasses of water. Never give anything to an unconscious person orally. Seek immediate medical attention.

Section 5. Fire Fighting Measures

National Fire Protection Association (U.S.A)
(estimated rating)



Hazardous Combustion Products	N/A
Extinguishing Media	Media applicable to surrounding chemicals.
Unsuitable Extinguishing Media	N/A
Fire Fighting Procedures	Use a self-contained breathing apparatus. Use water spray to cool fire-exposed containers.

Section 6. Accidental Release Measures

Spill Clean Up	All spilled material must be contained and kept out of waterways, sewers and drains. The spilled chemical should be absorbed with an inert material. Flush cleaned area thoroughly with water.
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Section 7. Handling and Storage

Handling and Storage	Keep container tightly closed when not in use. Store product indoors and keep from freezing. Keep out of the reach of children. Have eyewash accessible to use in handling area.
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Section 8. Exposure Controls/Personal Protection**Exposure Limits**

Product Name	OSHA PEL	NIOSH REL	AIHA WEEL	ACGIH TLV
Sodium Hydroxide (1310-73-2)	2mg/m ³	2mg/m ³	-	2mg/m ³
2-butoxyethanol	50ppm	5ppm	-	20ppm

Engineering Controls Use in a well-ventilated area



Personal Protective Equipment (PPE)

Eyes Safety glasses or chemical splash goggles
Body Rubber or neoprene gloves; rubber aprons
Respiratory Not required unless dusting or inadequate ventilation is expected. A particulate respirator N95 is recommended.

Section 9. Physical and Chemical Properties

Physical State	Powder	Explosive Limits	N/A
Color	Off-white to tan	Vapor Pressure	N/A
Odor	N/A	Vapor Density	Heavier than air
Odor Threshold	N/A	Relative Density	N/A
pH 1%	11-13	Solubility	Complete
Freezing Point	N/A	Partition Coefficient	N/A
Boiling Point	N/A	Auto-Ignition Temp.	N/A
Flash Point	N/A	Decomposition Temp.	N/A
Evaporation Rate	N/A	Viscosity	N/A
Flammability	N/A	Specific Gravity	N/A

Section 10. Stability and Reactivity

Stability and Reactivity	Stable
Incompatibility	Soft metals and acids
Hazardous Polymerization	Will not occur
Hazardous Decomposition Products	None known
Conditions to Avoid	None

Section 11. Toxicological Information

Routes of Entry	Dermal, Oral and Inhalation
Symptoms	Irritation to burns depending on duration of contact
Skin Irritant	Irritation to burns depending on the duration of contact
Eye Irritant	May cause severe eye damage.
Sensitizers	Not a sensitizer
Mutagenicity	No information found
Carcinogenicity	No ingredient listed as a carcinogen
Reproductive Toxicity	No information found
Target Organs	May cause respiratory irritation

There is no toxicological data for this product as a whole. Based on relevant ingredients with known acute toxicity, the acute toxicity estimate using the additive formula (ATE) has been determined.

Acute Toxicity

Test	Results	Basis
Dermal	>2000mg/kg	ATE determined Category 4
Oral	2575mg/kg	ATE determined beyond Category 4
Inhalation	Insufficient data	Not classified

Section 12. Ecological Information

Environmental Effects No ecological information available

Section 13. Disposal Considerations

Waste Information Dispose of in accordance with all Federal, State and Local pollution control regulations.

Section 14. Transportation Information

Regulatory Information	UN number	Proper Shipping Name	Classes	Packaging Group	Label Code
DOT Classification	UN1823	Sodium Hydroxide Solid Mixture	8	PGII	CORROSIVE

Note: DOT Classification applies to most packaging sizes. For specific container size classifications or for size exceptions, refer to the Bill of Lading with your shipment.

Section 15. Regulatory Information

US Federal Regulations The following substances are listed as a toxic chemical and are subject to report under the SARA act Section 313:

Sodium Tripolyphosphate	7758-29-4	<15
2-butoxyethanol	111-76-2	<2

The following substances have CERCLA reportable quantity values (in pounds):

Sodium Hydroxide	1310-73-2	1,000
State Regulations	None	

Section 16. Other Information

Last Revision 8/23/2016

The information contained herein is based on the data available to us and is believed to be accurate. However, no warranty is expressed or implied regarding the accuracy of this data or the results to be obtained from the use thereof. We assume no responsibility for injuries from the use of the product described herein.