

Supplied By:



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Material Safety Data Sheet

**EMERGENCY PHONE:
1-800-535-5053**

This document is prepared pursuant to the OSHA Hazard Communication Standard (29 CFR 1910.1200)

Section 1: Product Identification

Product Name: DESTAIN EXTRA
Product Use: Laundry Bleach **Product I.D. Number (PIN):** N.A.
Product Number: L401
DOT Shipping Name: Hypochlorite Solution, 8, UN1791, PGIII

Section 2: Hazardous Ingredient Information

Hazard Chemical Identity	CAS No.	ACGIH TLV
Sodium Hypochlorite	7681-52-9	.5mg/m ³

This product does not contain toxic chemicals subject to the reporting requirements of section 313 of the emergency planning and community right-to-know act of 1988.

Section 3: Physical Data

Color: Yellow **Odor:** Chlorine **Physical State:** Liquid
Solubility in Water: Complete **Boiling Point:** Similar to water
Vapor Pressure: Similar to water **Specific Gravity:** 1.103
Vapor Density (Air=1): Similar to water.
% Volatile by Volume: None **Evaporation Rate:** Similar to water

Section 4: Fire and Explosion Hazard Data

Flash Point (Method Used): None **Conditions to Avoid:** N.A.
Extinguishing Media: N.A.
Unusual Fire and Explosion Hazards: Firefighters should wear self-contained positive pressure breathing apparatus and avoid skin contact.

Section 5: Reactivity Data

Chemical Stability: Stable
Conditions to Avoid: Mixture with incompatible materials can cause chlorine gas or other toxic gases to be released.
Incompatibility (Materials to avoid): Avoid contact with easily oxidizable organic materials: ammonia urea or similar nitrogen containing compounds inorganic reducing compounds: calcium Hypochlorite alkalis and acids.
Hazardous Decomposition of By-Products: Chlorine-containing gases can be produced. Traces of phosgene can be liberated at high temperatures.
Hazardous Polymerization: Will not occur

Section 6: Toxicological Properties

Exposure Limits:	ACGIH	OSHA
Sodium Hypochlorite	3mg/m3	3mg/m3...8 hr. twa

Medical Conditions Aggravated by Exposure: No known, medical conditions aggravated by exposure

EFFECTS OF OVEREXPOSURE (Acute &/or Chronic):

Eyes: Major potential hazard, liquid in the eye can cause severe destruction and blindness. These effects can occur rapidly affecting all parts of the eye. Mist can cause irritation with high concentrations causing destructive burns.

Skin: Major potential hazard, contact with the skin can cause severe burns with deep ulcerations. Contact with solution or mist can cause multiple burns with temporary loss of hair at burn site. Solutions may not cause immediate pain or irritation upon skin contact. Prolonged or repeated contact with dilute solution may cause drying and cracking of the skin and possible skin damage.

Ingestion: Ingestion can cause severe burning and pain in mouth, throat, esophagus and stomach. Severe scarring of the throat can occur after swallowing. Death can result from ingestion.

Inhalation: Inhalation of solution mist can cause mild irritation at 2 mg/m³. More severe burns and tissue damage of the upper respiratory tract can occur at higher concentrations. Pneumonitis can result from severe exposure.

Section 7: Preventative & Control Measures

Respiratory Protection: For levels which exceed or are likely to exceed 2mg/m³ use approved high-efficiency particulate filter with full facepiece or self-contained breathing apparatus. Follow any applicable respirator use standards and regulations.

Ventilation: As necessary to maintain concentration in air below 2mg/m³ at all times.

Skin Protection: Wear neoprene, PVC or rubber gloves.

Eye Protection: Wear safety glasses or splash proof chemical goggles.

Hygiene: Avoid contact with skin. Do not eat, drink, or smoke in work area. Wash hands prior to eating, drinking or using restroom. Any protective clothing which becomes contaminated should be thoroughly cleaned before reuse.

Other Control Measures: Safety shower and eye wash should be located in work area.

STEPS TO BE TAKEN IF MATERIAL IS SPILLED OR RELEASED:

Small amounts of product can be diluted and rinsed to drain with water. Larger amounts should be contained and recovered. Clean-up personnel should follow all safety precautions during clean-up.

Waste Disposal: Dispose of in accordance with all local, state, and federal regulations.

Section 8: Emergency First Aid Procedures

First Aid Notes to Physician:

Eyes: Wash eyes immediately with large amounts of water (preferably eye wash fountain), lifting the upper and lower eyelids and rotating eyeball. Continue washing for a minimum of 15 minutes. Get medical attention immediately.

Skin: Remove contaminated clothing immediately and wash skin thoroughly for a minimum of 15 minutes with large quantities of water (preferably safety shower). Get medical attention immediately.

Ingestion: If person is conscious, give large quantities of water to dilute product. DO NOT induce vomiting. Get medical attention immediately.

Inhalation: Move person to fresh air. If breathing stops, administer artificial respiration. Get medical attention immediately.

Section 9: Chronic Toxicity

Chronic skin contact may cause dermatitis.

This product does not contain any materials listed on the IARC, OSHA, or NPT carcinogen lists.

Section 10: Storage and Handling Precautions

Store away from acids

Store in closed, properly labeled containers.

DO NOT remove or deface labels.

Use of this product should be limited to properly trained individuals.

Section 9: Preparation Information

Prepared By: Regulatory Affairs Department

Phone: 812-336-4817

Date of Preparation: July, 2004



DestainExtra

Technical Data Sheet



**Concentrated
Chlorinated
Bleach**

**Excellent
for
Tough
Stain
Removal**

**Heavy
Duty
Strength**

Product Description

Destain Extra is a chlorinated liquid laundry bleach. It is capable of removing the most difficult stain in hot water. **Destain Extra** can be used for the most stubborn stains for making your white linens bright and stain free.

Use Directions

Please consult your LabTek representative for specific use directions. General recommendations are:

In Agitation Machines: 1 ounce per load for light soil
2 ounces per load for heavy soil
In Industrial Tumbler Machine's: 2 ounces/100 lbs. for light soil
4 ounces/100 lbs. for heavy soil

Areas of Use

For use in institutional laundries only.

Safety Precautions

Caution! Corrosive to eyes, skin and mucous membranes. Harmful or fatal if swallowed. Inhalation can irritate the respiratory system. Mixing product with incompatible materials can release dangerous chlorine gas. Read label and MSDS thoroughly for complete listing of hazards and safety precautions.

Shipping Classification

Sodium Hypochlorite Solution, 8, UN1791, PG III

Packaging

5 gallon pail

Properties

FORM: Yellow liquid with chlorine odor
SPECIFIC GRAVITY: 1.103
SOLUBILITY: Complete
PRIMARY HAZARD: Major hazard for eyes, skin, respiratory system. Incompatible with acids, alkalis, calcium hypochlorite and ammonia.
COMPOSITION: Sodium Hypochlorite