

MATERIAL SAFETY DATA SHEET

HMIS HAZARDOUS MATERIALS
IDENTIFICATION SYSTEM

(Prepared According to 29 CFR 1910.1200)

A = Safety Glasses
B = A + Gloves
C = B + Apron
D = C + Face Shield
E = B + Dust Mask

F = C + Dust Mask
G = B + Respirator
H = F + Goggles
I = B + Respirator
X = Ask Supervisor

4 = Extreme
3 = High
2 = Moderate
1 = Slight
0 = Insignificant

Health.... 3
Flammability.... 0
Physical Hazard.... 1
Protection.... C

SECTION I - PRODUCT IDENTIFICATION

Product Code: OPLC Supersedes date: January 5, 2012 Section(s) changed: III, V, IX Effective date: January 11, 2012

PRODUCT NAME: OPTI-PAK DESTAINER CHEMICAL FAMILY: Laundry Product
GENERIC NAME: Laundry Bleach and Destainer FORMULA: Proprietary Mixture
DISTRIBUTORS NAME: DISTRIBUTORS ADDRESS:
INFORMATION PHONE NUMBER: 314-771-6600
EMERGENCY PHONE NUMBER IN THE EVENT OF CHEMICAL EMERGENCIES INVOLVING A SPILL, LEAK, FIRE OR ACCIDENT: CHEMTREC 800-424-9300
PROPER SHIPPING DESCRIPTION: > 1 Gal: UN1791, Hypochlorite solutions, 8, III LABEL: Corrosive
≤ 1 Gal: Ltd Qty, UN1791, Hypochlorite solutions, 8, III LABEL: Ltd Qty

SECTION II - HAZARDOUS INGREDIENTS

CHEMICAL NAME	CAS No.	Wt%	OSHA PEL	ACGIH TLV	OTHER
Sodium Hypochlorite	7681-52-9	<15	NE	NE	

The information & recommendations set forth herein are presented in good faith & believed to be current & reliable. The manufacturer makes no representation as to the completeness or accuracy thereof & supplies information upon the condition that the persons receiving same will make their own determination as to its suitability for their purpose prior to use. In no event will the manufacturer be responsible for any damage of any nature whatsoever resulting from the use of or reliance upon this information. No representation or warranty, either expressed or implied, of merchantability, fitness for a particular purpose or of any other nature are made hereunder with respect to information or the product to which it refers.

SECTION III - PHYSICAL/CHEMICAL DATA

Boiling Point (°F): 222
Vapor Pressure (kPa): 7.63@55°C
Vapor Density (Air=1): NE
Evaporation Rate: (Water=1): NE
Solubility in Water: Complete
Physical Description: Clear Yellow Thin Liquid
Chlorine Bleach Odor

Specific Gravity: 1.17
Lbs/Gal Density: 9.8
pH Concentrate: 13
pH Use Dilution: 10

SECTION IV - FIRE & EXPLOSION HAZARD DATA

FLASH POINT (Method Used): None LIMITS: LEL: NA UEL: NA
EXTINGUISHING MEDIA: Water spray or fog, foam, dry chemical, carbon dioxide, alcohol foam, if product is involved.
SPECIAL FIRE FIGHTING PROCEDURES: Avoid exposure to fumes or vapors.
UNUSUAL FIRE & EXPLOSION HAZARD: Containers of this material can explode as oxygen is liberated under high heat or fire conditions.

SECTION V - REACTIVITY DATA

Stability: Stable.
Hazardous Polymerization: Will not occur.
Incompatibility (Materials to Avoid): Ether, ammonia, acids, oxidizing agents, reducing agents, heavy metals such as iron, copper, magnesium, aluminum, tin, manganese, zinc, chromium, nickel and their alloys. DO NOT MIX THIS PRODUCT WITH ANY OF THE FOREGOING OR HAZARDOUS GASES CAN RESULTS.
Hazardous Decomposition Products: HOCL, Chlorine, HCL, NACL, Sodium Chlorate, Oxygen.

SECTION VI - STORAGE & HANDLING INFORMATION

KEEP OUT OF REACH OF CHILDREN. DANGER.
Avoid all contact. Store upright in original closed container.
Other Precautions: Do not get in eyes, on skin or on clothing. Avoid entry into sewers or natural waters. Remove & wash contaminated clothing before reuse.

SECTION VII - HEALTH HAZARDS AND FIRST AID

Carcinogenicity:	NTP?	IARC Monographs?	OSHA REGULATED?
NE	NE	NE	YES

EFFECTS OF OVEREXPOSURE:
SKIN: Irritation
EYES: Severe irritation
INHALATION: Irritation
INGESTION: Extremely corrosive

EMERGENCY FIRST AID PROCEDURES:
SKIN: Wash with soap & water for 15 minutes. See physician if irritation persists.
EYES: Flush with flowing water for 15 minutes & see physician.
INHALATION: Remove to fresh air. If breathing has stopped, apply suitable artificial respiration. Get medical help.
INGESTION: Give milk or water to dilute material; DO NOT induce vomiting. Avoid alcohol. CALL A PHYSICIAN OR POISON CONTROL CENTER IMMEDIATELY. NEVER GIVE ANYTHING BY MOUTH TO AN UNCONSCIOUS PERSON.

SECTION VIII - SPECIAL PROTECTION INFORMATION

RESPIRATORY PROTECTION: (Specify type) NIOSH approved respirator for severe vapor or mist.
VENTILATION: Local exhaust. Avoid breathing vapor or spray.
PROTECTIVE GLOVES: Impervious rubber, gloves.
EYE PROTECTION: Splash proof chemical goggles, and full faceshield when diluting product with water.
OTHER PROTECTIVE EQUIPMENT: Apron. Eye wash facilities. Safety Shower.
WORK/HYGIENIC PRACTICES: Practice good personal hygiene. Wash after handling.

SECTION IX - SPILL OR LEAK PROCEDURES

STEPS TO BE TAKEN IN CASE MATERIAL IS RELEASED OR SPILLED: Clean-up personnel should use protective equipment to prevent contact. Contain material. Place collected material in a disposable container. Prevent liquid from entering sewers or waterways. Do not use combustible absorbents.
WASTE DISPOSAL METHOD: Dispose of in accordance with applicable Federal, State & Local regulations.

SECTION X - ADDITIONAL FEDERAL REGULATIONS

SARA TITLE III (EPCRA) NOTIFICATION: Does not contain chemicals subject to the reporting requirements of Section 302, 304, or 313 of Title III of the Superfund Amendments and Reauthorization Act of 1986.
COMPREHENSIVE ENVIRONMENTAL RESPONSE, COMPENSATION, AND LIABILITY ACT (CERCLA) NOTIFICATION: Sodium Hypochlorite
For more information, consult 40 CFR parts 302, 355, 370, 372, and 40 CFR part 68.

NE - Not Established NA - Not Applicable GT - Greater Than