

custodial/laundry

MATERIAL SAFETY DATA SHEET NO. I 48
 MATERIAL NAME: LP STAIN REMOVER 713-200
 SUPPLIER: LEVER BROS. CO. 390 PARK AVE. NY.NY 10022
 EMERGENCY PHONE: 201 943-7032 DURING WORK HOURS;
 800 22-LEVER AFTER WORK HOURS;(800 222-1777 IN PA.)
 SYNONYMS: N.A.
 COMPONENTS: Confidential
 EPA/TSCA STATUS: N.A.
 DOT HAZARD CLASS: Corrosive Material
 DOT SHIPPING NAME: Hypochlorite Solution
 RQ (Sodium Hypochlorite & Sodium Hydroxide)
 DOT ID #: UN1791
 DOT LABEL: Corrosive

CAS NO.: N.A.

		EXPOSURE LIMITS				
NFPA CODE						
HEALTH:3		OSHA PEL: N.A.		ACGIH TWA: N.A.		
FLAMM: 1		LEVER TLV:N.A.		ACGIH STEL:N.A.		
REACT: 2						
HAZARDOUS COMPONENTS		CAS NUMBER	%	OSHA PEL	ACGIH:TWA	STEL
Sodium Hypochlorite		7681-52-9	>1.0	N.A.	N.A.	N.A.
Sodium Hydroxide		1310-73-2	>1.0	N.A.	2 mg/m3*	N.A.

PHYSICAL AND CHEMICAL PROPERTIES

APPEARANCE AND ODOR: Liquid
 PH: 12.5
 BOILING POINT: Decomposes before boiling
 SPECIFIC GRAVITY: 1.2
 MELTING POINT: N.D.
 SOLUBILITY: Complete in water
 FREEZING POINT: N.D.
 VAPOR PRESSURE: N.D.
 VAPOR DENSITY: N.D.
 SPILL OR LEAK PROCEDURES: Keep spilled material away from combustibles. Use water spray to reduce vapors. Keep spilled material and water spray from entering waterways. Collect liquid with non-combustible absorbent such as vermiculite or mechanical device. Place in container for disposal.

FIRE, EXPLOSION, REACTIVITY DATA

FLASH POINT: N.A.
 FLAMMABLE LIMITS: N.A.
 UNUSUAL FIRE AND EXPLOSION HAZARDS: Material is an oxidizing agent and can react vigorously with oxidizable materials in a fire situation.
 EXTINGUISHING MEDIA: N.A.
 HAZARDOUS DECOMPOSITION PRODUCTS: Chlorine, Hypochlorous acid, and Hydrochloric acid.
 SPECIAL FIRE FIGHTING PROCEDURES: Use water spray to reduce vapors and cool fire-exposed containers. Wear self-contained breathing apparatus.
 NFPA CLASS: N.D.
 SPECIAL PRECAUTIONS: N.D.
 INCOMPATIBILITIES (materials to avoid): Acids (liberates chlorine), ammonia compounds, and amines.
 STABILITY: Stable at ambient conditions.

DISPOSAL DATA

DISPOSAL SHIPPING NAME: Waste Hypochlorite Solution
 RQ (Sodium Hypochlorite & Sodium Hydroxide)
 EPA HAZARD CODE: C
 EPA HAZARD WASTE #: D002
 DOT HAZARD WASTE ID #: UN1791
 DISPOSAL: Dispose in accordance with Federal, State and Local Regulations

ACUTE TOXICITY INFORMATION

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ORAL: Highly Toxic
INHALATION: N.D.
DERMAL: N.D.
EYE IRRITATION: Corrosive
SKIN IRRITATION: Corrosive
SKIN SENSITIZATION: N.D.
PRIMARY ROUTES OF ENTRY: Inhalation, Eye, Skin

CHRONIC EXPOSURE EFFECTS

TARGET ORGANS: Nose, mouth, throat, lungs, eyes, skin, and mucous membranes.

CARCINOGEN: (NTP, IARC & OSHA LIST) Not Listed

MEDICAL CONDITION AGGRAVATED BY EXPOSURE: Chronic lung conditions such as emphysema and bronchitis. Pre-existing skin disorders such as rashes, cuts, or open sores.

SYMPTOMS AND EFFECTS OF EXPOSURE

EYE: Severe irritation from contact. Possible permanent injury if not treated promptly.
SKIN: Severe irritation from contact. Possible chemical burns with pain and tissue destruction if not treated promptly.
INGESTION: Severe oral and gastrointestinal irritation with diarrhea, nausea, vomiting and abdominal pain. Destruction of contacted tissue if exposure is severe.
INHALATION: Irritation of respiratory tract. Possible chemical burns and pneumonitis if exposure is severe.

EMERGENCY AND FIRST AID TREATMENT

EYE: Immediately flush with plenty of cool, running water. Remove contact lenses, if applicable, and continue flushing for at least 15 minutes. Call a physician.
SKIN: Immediately rinse skin with water. Remove contaminated clothing and continue to rinse with water. Get immediate medical attention.
INGESTION: Rinse mouth with water. Drink a glass of water or milk, if victim can swallow. Call a physician. Emptying of the stomach may be required but only on advice of a physician.
INHALATION: Immediately move person to fresh air. Provide respiratory support if needed. Get immediate medical attention.
COMMENTS: Treatment should be consistent with current therapy for chemical burns.

PERSONAL SAFETY MEASURES AND EQUIPMENT

EYES: Safety goggles.
RESPIRATOR: Acid gas cartridge respirator if TWA is exceeded.
GLOVES: Impermeable gloves required.
VENTILATION: General exhaust.
OTHER: Rubber apron and boots.

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