



MULTI CHLOR

12.5% Sodium Hypochlorite Solution

Material Safety Data Sheet

Manufacturer's Name: Super Chem LLC
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HAZARDOUS INGREDIENTS / IDENTIFY INFORMATION

Hazardous Components Special Chemical Identity; Common Names	OSHA	ACGIH TLV	Other Limits Recommended	% Optional
Sodium Hypochlorite: CAS # 7681-52-9	None	None	None	

PHYSICAL / CHEMICAL CHARACTERISTICS

Boiling Point:	Decomposes	pH:	11.2 – 11.4
Vapor Pressure (mm Hg):	12.1 mm Hg at 20 C	Melting Points:	NA
Vapor Density (AIR=1):	.09		
Solubility in water:	Complete		
Appearance and Odor:	Straw yellow liquid with slight bleach odor.		

FIRE AND EXPLOSION HAZARD DATA

Flash Point (Method Used): None Flammable Limits: LEL:NA UEL: NA
 Extinguishing Media: Use media appropriate for primary cause of fire.
 Special Fire Fighting Procedures: None

Unusual Fire and Explosion Hazards: None Known

REACTIVITY DATA

Stability: Stable Conditions to avoid: None
 Incompatibility (Materials to avoid): Do not mix acids, aqua ammonia, or other organic or inorganic chemicals with this product.
 Hazardous Decomposition or Byproducts: None Known
 Hazardous Polymerization: Will not occur Conditions to avoid: None

HEALTH HAZARDS

Health Hazards (Acute and Chronic): Irritation effects increase with strength of solution and time or exposure: Prolonged and repeated exposure can lead to constant irritation of eyes and throat.

Signs and Symptoms of Exposure: Inhalation of fumes and mist cause respiratory track mucous membrane irritation, If mixed with ammonia or other chemicals, Chlorine and Hypochlorous acid gasses produced can cause pulmonary edema.

Potential Route(s) of entry: Inhalation: Yes
 Skin: Yes
 Ingestion: Yes

Medical Condition Generally Aggravated by Exposure: None Known

CARCINOGENIC (CANCER POTENTIAL) INFORMATION

National Toxicological Program (NTP): Not Listed
 International Agency for Research on Cancer: Not Listed
 Listed by Federal OSHA as Carcinogens: Not Listed

EMERGENCY AND FIRST AID PROCEDURES:

Skin Contact:: Flush with large amounts of water
 Eye Contact: Immediately flush with large amount of water for a least 15 minutes.
 CALL A PHYSICIAN.
 Internal: Give milk or water do not cause vomiting.
 CALL A PHYSICIAN.

GENERAL PRECAUTIONS FOR SAFE HANDLING AND USE

Steps to be taken in case material is released or spilled: Contain by drinking with soil or other absorbent material and then pump into DOT approved container.

Waste Disposal Method: Consult Federal, State or Local authorities for proper disposal procedures.

Precautions to be Taken in Handling & Storage: Keep away from heat sparks and flames, store in cool dry place. Store in vented closed containers.

CONTROL MEASURES

Respiratory Protection (specify type): NIOSH Approved Canister Respirator

Ventilation:

Local Exhaust:	Adequate	Special: None
Mechanical (general):	Optional	Other:

Protective Gloves: Rubber Glove

Eye Protection: Goggles & Shield

Protective Clothing or Equipment: Apron, Rain suit, Boots

Work / Hygienic Practices: Safety shower and Eye wash should be nearby.

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