

## Section 1 ~ Identification

<b>Identity (As Used On Label and List)</b> <b>Q2036 ZAP IT</b>	<b>Date Prepared:</b> 05-06-2015
<b>Company Information:</b> OMEGA INDUSTRIAL SUPPLY, INC	<b>Emergency Telephone Number:</b> 1-800-424-9300
<b>Address (Number, Street, Suite/Apt#)</b> 101 Grobric Ct #1	<b>Telephone Number for Information:</b> 1-800-571-7347
<b>(City, State, and Zip Code)</b> Fairfield, CA 94534	<b>Signature of Prepare (Optional)</b> REGULATORY DEPT.

## Section 2 ~ Hazard(s) Identification

### Classification of the Substance or Mixture

#### GHS-US Classification

Skin Irrit. 2 H315  
Eye Dam. 1 H318  
Full text of H-phrases: see section 16

#### Label Elements

#### GHS-US Labeling

#### Hazardous Pictograms (GHS-US)



GHS05

Signal Word (GHS-US): Danger

#### Hazardous Statements (GHS-US)

Causes skin irritation. Causes serious eye damage

#### Precautionary Statement (GHS-US)

Wash hands, forearms and face thoroughly after handling. Wear eye protection, protective gloves. **If on skin:** Wash with plenty of water. **If in eyes:** Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Immediately call a doctor, a POISON CENTER. Specific treatment (see FIRST AID SECTION, on this label). If skin irritation occurs: Get medical advice/attention. Take off contaminated clothing and wash before reuse

#### Other Hazards

#### Other Hazards Not Contributing to the Classification

None under normal conditions.

#### Unknown Acute Toxicity (GHS-US)

Not applicable

## Section 3 ~ Composition/Information on Ingredients

Substance: Not applicable

Mixture

Name	Product Identifier	%(Wt.)	GHS-US Classification
sodium hypochlorite, solutions, conc available chlorine <5%	(CAS No) 7681-52-9	4 – 6	Skin Corr. 1B, H314 Aquatic Acute 1, H400

Full text of H-statements: See section 16

## Section 4 ~ First Aid Measures

### Description of First Aid Measures

**First-Aid Measures General:** Never give anything by mouth to an unconscious person. If you feel unwell, seek medical advice (show the label where possible).

**First-Aid Measures After Inhalation:** Allow victim to breathe fresh air. Allow the victim to rest.

**First-Aid Measures After Skin Contact:** Wash with plenty of soap and water. Wash contaminated clothing before reuse. If skin irritation occurs: Consult a doctor/medical service. Get medical advice/attention. Specific treatment (see FIRST AID SECTION, on this label).

**First-Aid Measures After Eye Contact:** Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Immediately call a POISON CENTER or doctor/physician.

**First-Aid Measures After Ingestion:** Rinse mouth. Do NOT induce vomiting. Obtain emergency medical attention.

### Most Important Symptoms and Effects, Both Acute and Delayed

**Symptoms/Injuries After Inhalation:** Coughing. May cause respiratory irritation.

**Symptoms/Injuries After Skin Contact:** Causes skin irritation.

**Symptoms/Injuries After Eye Contact:** Causes serious eye damage.

**Indication of any Immediate Medical Attention and Special Treatment Needed:** Treat symptomatically.

## Section 5 ~ Fire Fighting Measures

### Extinguishing Media

**Suitable Extinguishing Media:** Foam. Dry powder. Carbon dioxide. Water spray. Sand.

**Unsuitable Extinguishing Media:** Do not use a heavy water stream.

### Special Hazards Arising from the Substance or Mixture

**Reactivity:** Decomposes on exposure to temperature rise: release of (highly) toxic gases/vapors (chlorine). May be corrosive to metals.

### Advice for Firefighters

**Firefighting Instructions:** Use water spray or fog for cooling exposed containers. Exercise caution when fighting any chemical fire. Prevent fire-fighting water from entering environment.

**Protection During Firefighting:** Do not enter fire area without proper protective equipment, including respiratory protection.

## Section 6 ~ Accidental Release Measures

### Personal Precautions, Protective Equipment and Emergency Procedures

#### For Non-Emergency Personnel

**Emergency Procedures:** Evacuate unnecessary personnel.

#### For Emergency Responders

**Protective Equipment:** Equip clean-up crew with proper protection.

**Emergency Procedures:** Ventilate area.

**Environmental Precautions:** Prevent entry to sewers and public waters. Notify authorities if liquid enters sewers or public waters.

### Methods and Material for Containment and Cleaning Up

**Methods for Cleaning Up:** Soak up spills with inert solids, such as clay or diatomaceous earth as soon as possible. Collect spillage. Store away from other materials.

**Reference to Other Sections:** See heading 8. Exposure controls and personal protection.

## Section 7 ~ Handling and Storage

**Precautions for Safe Handling:** Wash hands and other exposed areas with mild soap and water before eating, drinking or smoking and when leaving work. Provide good ventilation in process area to prevent formation of vapor.

**Hygiene Measures:** Wash hands and other exposed areas with mild soap and water before eating, drinking or smoking and when leaving work thoroughly after handling.

### Conditions for Safe Storage, Including any Incompatibilities

**Storage Conditions:** Keep only in the original container in a cool, well ventilated place away from heat sources. Keep container closed when not in use.

**Incompatible Products:** Strong bases, strong acids.

**Incompatible Materials:** Sources of ignition. Direct sunlight.

**Specific End Use(s):** No additional information available

## Section 8 ~ Exposure Controls/Personal Protection

### Control parameters

#### Mold Zapper

ACGIH Not applicable

OSHA Not applicable

sodium hypochlorite, solutions, conc available chlorine <5% (7681-52-9)

ACGIH Not applicable

OSHA Not applicable

**Personal Protective Equipment:** Safety glasses. Gloves.



**Hand Protection:** Wear protective gloves.

**Eye Protection:** Chemical goggles or safety glasses.

**Skin and Body Protection:** Wear suitable protective clothing.

**Respiratory Protection:** Wear appropriate mask.

**Other Information:** Do not eat, drink or smoke during use.

## Section 9 ~ Physical and Chemical Properties

### Information on Basic Physical and Chemical Properties

**Physical State:** Liquid

**Color:** Colorless to light yellow

**Odor:** characteristic chlorine-like

**Odor Threshold:** No data available

**pH:** 11 - 13

**Melting Point:** No data available

**Freezing Point:** No data available

**Boiling Point:** No data available

**Flash Point:** No data available

**Relative Evaporation Rate (butylacetate=1):** No data available

**Flammability (solid, gas):** No data available

**Explosive Limits:** No data available

**Explosive Properties:** No data available

**Oxidizing Properties:** No data available

**Vapor Pressure:** No data available

**Relative Density:** No data available

**Relative Vapor Density at 20°C:** No data available

**Solubility:** No data available

**Log Pow:** No data available

**Log Kow:** No data available

**Auto-Ignition Temperature:** No data available

**Decomposition Temperature:** No data available

**Viscosity:** No data available

**Viscosity, kinematic:** No data available

**Viscosity, dynamic:** No data available

**Other Information:** No additional information available

## Section 10 ~ Stability and Reactivity

**Reactivity:** Decomposes on exposure to temperature rise: release of (highly) toxic gases/vapors (chlorine). May be corrosive to metals.

**Chemical Stability:** Stable under normal conditions.

**Possibility of Hazardous Reactions:** Not established.

**Conditions to Avoid:** Direct sunlight. Extremely high or low temperatures.

**Incompatible Materials:** Strong acids. Strong bases.

**Hazardous Decomposition Products:** Thermal decomposition generates: Chlorine. Corrosive vapors. Carbon monoxide. Carbon dioxide.

## Section 11 ~ Toxicological Information

### Information on Toxicological Effects

**Acute Toxicity:** Not classified

**Skin Corrosion/Irritation:** Causes skin irritation.

**pH:** 11 - 13

**Serious Eye Damage/Irritation:** Causes serious eye damage.

**pH:** 11 - 13

**Respiratory or Skin Sensitization:** Not classified

**Germ Cell Mutagenicity:** Not classified

**Carcinogenicity:** Not classified

sodium hypochlorite, solutions, conc available chlorine <5% (7681-52-9)

IARC group 3 - Not classifiable

**Reproductive Toxicity:** Not classified

**Specific Target Organ Toxicity (single exposure):** Not classified

**Specific Target Organ Toxicity (repeated exposure):** Not classified

**Aspiration Hazard:** Not classified

**Potential Adverse Human Health Effects and Symptoms:** Based on available data, the classification criteria are not met.

**Symptoms/Injuries After Inhalation:** Coughing. May cause respiratory irritation.

**Symptoms/Injuries After Skin Contact:** Causes skin irritation.

**Symptoms/Injuries After Eye Contact:** Causes serious eye damage.

## Section 12 ~ Ecological Information

### Toxicity

**Ecology - general:** The product is not considered harmful to aquatic organisms or to cause long-term adverse effects in the environment.

### Persistence and Degradability

#### Zap It

Persistence and degradability Not established.

sodium hypochlorite, solutions, conc available chlorine <5% (7681-52-9)

Persistence and degradability Biodegradability: not applicable. No (test)data on mobility of the components available. Not established.

Biochemical oxygen demand (BOD) Not applicable

Chemical oxygen demand (COD) Not applicable

ThOD Not applicable

### Bioaccumulative Potential

#### Zap It

Bioaccumulative potential Not established.

sodium hypochlorite, solutions, conc available chlorine <5% (7681-52-9)

Bioaccumulative potential Not bioaccumulative. Not established.

### Mobility in Soil

sodium hypochlorite, solutions, conc available chlorine <5% (7681-52-9)

Ecology - soil May be harmful to plant growth, blooming and fruit formation.

### Other Adverse Effects

**Effect on the Global Warming:** No known ecological damage caused by this product.

**Other Information:** Avoid release to the environment.

## Section 13 ~ Disposal Considerations

**Waste Disposal Recommendations:** Dispose in a safe manner in accordance with local/national regulations.

**Ecology - Waste Materials:** Avoid release to the environment.

## Section 14 ~ Transport Information

### Department of Transportation (DOT)

In accordance with DOT  
 Transport Document Description: UN1791 Hypochlorite solutions, 8, II  
 UN-No.(DOT): UN1791  
 Proper Shipping Name (DOT): Hypochlorite solutions  
 Transport Hazard Class(es) (DOT): 8 - Class 8 - Corrosive material 49 CFR 173.136  
 Hazard Labels (DOT): 8 - Corrosive

LTD QTY - Limited quantity



Packing Group (DOT): II - Medium Danger  
 DOT Packaging Exceptions (49 CFR 173.xxx): 154  
 DOT Quantity Limitations Passenger aircraft/rail (49 CFR 173.27): 1 L  
 DOT Quantity Limitations Cargo aircraft only (49CFR 175.75): 30 L  
 DOT Vessel Stowage Location: B - (i) The material may be stowed "on deck" or "under deck" on a cargo vessel and on a passenger vessel carrying a number of passengers limited to not more than the larger of 25 passengers, or one passenger per each 3 m of overall vessel length; and (ii) "On deck only" on passenger vessels in which the number of passengers specified in paragraph (k)(2)(i) of this section is exceeded.  
 DOT Vessel Stowage Other: 26 - Stow "away from" acids

### Additional Information

Emergency Response Guide (ERG) Number: 154  
 Other Information: No supplementary information available.

### ADR

No additional information available

### Transport by Sea

UN-No. (IMDG): 1791  
 Proper Shipping Name (IMDG): HYPOCHLORITE SOLUTION  
 Class (IMDG): 8 - Corrosive substances  
 Packing Group (IMDG): II - substances presenting medium danger

### Air Transport

UN-No. (IATA): 1791  
 Proper Shipping Name (IATA): Hypochlorite solution  
 Class (IATA): 8 - Corrosives  
 Packing Group (IATA): II - Medium Danger

## Section 15 ~ Regulatory Information

### US Federal Regulations

#### Zap It

Listed on the United States TSCA (Toxic Substances Control Act) inventory  
 Not listed on the United States SARA Section 313  
 RQ (Reportable quantity, section 304 of EPA's List of Lists) 100 lb  
 All components of this product are listed, or excluded from listing, on the United States Environmental Protection Agency Toxic Substances Control Act (TSCA) inventory  
 This product or mixture does not contain a toxic chemical or chemicals in excess of the applicable de minimis concentration as specified in 40 CFR §372.38(a) subject to the reporting requirements of section 313 of Title III of the Superfund Amendments and Reauthorization Act of 1986 and 40 CFR Part 372.

#### sodium hypochlorite, solutions, conc available chlorine <5% (7681-52-9)

Not listed on the United States SARA Section 313  
 RQ (Reportable quantity, section 304 of EPA's List of Lists) 100 lb

### International Regulations

CANADA: No additional information available  
 EU-Regulations: No additional information available  
 Classification according to Regulation (EC) No. 1272/2008 [CLP]: No additional information available  
 Classification according to Directive 67/548/EEC [DSD] or 1999/45/EC [DPD]: Not classified  
 National Regulations: No additional information available

### US State Regulations

#### Zap It

State or local regulations U.S. - New Jersey - Right to Know Hazardous Substance List  
 U.S. - Pennsylvania - RTK (Right to Know) List  
 California Proposition 65 - This product does not contain any substances known to the state of California to cause cancer and/or reproductive harm  
 sodium hypochlorite, solutions, conc available chlorine <5% (7681-52-9)  
 U.S. - New Jersey - Right to Know Hazardous Substance List  
 U.S. - Pennsylvania - RTK (Right to Know) List

## Section 16 ~ Other Information

Other Information: None

Full Text of H-phrases;

Aquatic Acute 1	Hazardous to the aquatic environment — Acute Hazard, Category 1
Eye Dam. 1	Serious eye damage/eye irritation, Category 1
Skin Corr. 1B	Skin corrosion/irritation, Category 1B
Skin Irrit. 2	Skin corrosion/irritation, Category 2
H314	Causes severe skin burns and eye damage
H315	Causes skin irritation
H318	Causes serious eye damage
H400	Very toxic to aquatic life

	NFPA	HMIS	Key
HEALTH	2	2	4= Severe
FLAMMABILITY	0	0	3= Serious
REACTIVITY	1	1	2= Moderate
OTHER/PROTECTION	-	B	1= Slight 0= Minimal B= Safety glasses, Gloves

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