

ISSUE DATE: September 2013

REVISION DATE: January 2022

VERSION: 1

## 1. IDENTIFICATION

### PRODUCT IDENTIFIER

**PRODUCT NAME** ALL TEMPERATURE SANI

### OTHER MEANS OF IDENTIFICATION

**Recommended Uses** Hard Surface Cleaner

**Restrictions on Use** None known

### SDS-SUPPLIER INFORMATION

**SUPPLIER ADDRESS** EMULSO  
2750 Kenmore Avenue  
Tonawanda, NY 14150

### EMERGENCY TELEPHONE NUMBER

**COMPANY PHONE NUMBER** (716) 854-2889

**COMPANY FAX NUMBER** (716) 854-2809

**24-HOUR EMERGENCY TELEPHONE (ACCOUNT #8686)**

**NORTH AMERICA** 1-800-633-8253

**INTERNATIONAL** PERS 1-801-629-0667

## 2. HAZARDS IDENTIFICATION

### CLASSIFICATION

Corrosive to metals	Category 1
Skin corrosion/irritation	Category 1
Serious eye damage/eye irritation	Category 1
Specific target organ toxicity, single exposure	Category 3 respiratory tract irritation
Hazardous to the aquatic environment, acute hazard	Category 1
Hazardous to the aquatic environment, long-term hazard	Category 2

**SIGNAL WORD** Danger

### HAZARD STATEMENTS



### HAZARD STATEMENTS

1. May be corrosive to metals.
2. Causes severe skin burns and eye damage.
3. May cause respiratory irritation.
4. Very toxic to aquatic life. Toxic to aquatic life with long lasting effects.

**APPEARANCE** Liquid

**PHYSICAL STATE** Liquid

## PRECAUTIONARY STATEMENTS

<b>PREVENTION</b>	Wear protective gloves/protective clothing/eye protection/face protection. Do not breathe mist or vapor. Use only outdoors or in a well-ventilated area. Wash thoroughly after handling. Keep only in original container. Avoid release to the environment.
<b>RESPONSE</b>	Immediately call poison center or doctor/ physician.
<b>IF SWALLOWED</b>	Call POISON CENTER or doctor/ physician if you feel unwell. Rinse mouth. Do NOT induce vomiting.
<b>IF IN EYES</b>	Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing If eye irritation persists: Get medical advice/attention.
<b>IF ON SKIN/HAIR</b>	Wash with plenty of soap and water. If skin irritation occurs: Get medical advice/attention Take off contaminated clothing and wash it before reuse.
<b>IF INHALED</b>	Remove victim to fresh air and keep at rest in a position comfortable for breathing Call a poison center or doctor/physician if you feel unwell.
<b>IF EXPOSED/CONCERNED</b>	Get medical advice/ attention.
<b>STORAGE</b>	Store locked-up. Keep away from children. Store in a well-ventilated place. Keep container tightly closed. Store locked up. Store in corrosive resistant container with a resistant inner liner.
<b>DISPOSAL</b>	Dispose of contents/container in accordance with local/regional/national/international regulations.
<b>HAZARDS NOT OTHERWISE CLASSIFIED (HNOC)</b>	None known.
<b>OTHER INFORMATION</b>	Contact with acids liberates toxic gas.

## 3. COMPOSITION/INFORMATION ON INGREDIENTS

CHEMICAL NAME	CAS NUMBER	WEIGHT - %
Sodium hypochlorite	7681-52-9	5-17
Sodium hydroxide	1310-73-2	0.10-4.25

\*\*If Chemical Name/CAS No is "proprietary" and/or Weight-% is listed as a range, the specific chemical identity and/or percentage of composition has been withheld as a trade secret.\*\*

## 4. FIRST-AID MEASURES

### DESCRIPTION OF FIRST AID MEASURES

<b>GENERAL ADVICE</b>	Provide this SDS to medical personnel for treatment.
<b>EYE CONTACT</b>	IF IN EYES: 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.
<b>SKIN CONTACT</b>	IF ON SKIN: Wash with plenty of soap and water. If skin irritation occurs: Get medical advice/attention. Take off contaminated clothing and wash it before reuse.
<b>INHALATION</b>	Remove person to fresh air and keep at rest in a position comfortable for breathing. Immediately call poison center or doctor/ physician.
<b>INGESTION</b>	Rinse mouth. Do NOT induce vomiting. Never give anything by mouth to an unconscious person. Drink 1-2 glasses of water. Immediate medical attention is required.

### MOST IMPORTANT SYMPTOMS/EFFECTS, ACUTE & DELAYED

**MAIN SYMPTOMS** Permanent eye damage including blindness could result.

### INDICATION OF IMMEDIATE MEDICAL ATTENTION AND SPECIAL TREATMENT NEEDED, IF NECESSARY

**NOTES TO PHYSICIAN** Treat symptomatically.

## 5. FIRE-FIGHTING MEASURES

<b>SUITABLE EXTINGUISHING MEDIA</b>	Water fog. Foam. Dry chemical powder. Carbon dioxide (CO <sub>2</sub> ).
<b>UNSUITABLE EXTINGUISHING MEDIA</b>	Do not use water jet as an extinguisher, as this will spread the fire. Do not use dry extinguishing media that contains ammonium compounds.
<b>SPECIFIC HAZARDS ARISING FROM CHEMICAL</b>	During fire, gases hazardous to health may be formed.

### PROTECTIVE EQUIPMENT AND PRECAUTIONS FOR FIRE-FIGHTERS

As in any fire, wear self-contained breathing apparatus pressure-demand, MSHA/ NIOSH (approved and equivalent) and full protective gear.

## 6. ACCIDENTAL RELEASE MEASURES

### PERSONAL PRECAUTIONS, PROTECTIVE EQUIPMENT AND EMERGENCY PROCEDURES

**PERSONAL PRECAUTIONS** Use personal protective equipment as required.

**ENVIRONMENTAL PRECAUTIONS** See Section 12 for additional Ecological Information.

## METHODS AND MATERIALS FOR CONTAMINATION AND CLEAN-UP

<b>CONTAMINATION</b>	Stop the flow of material, if this is without risk. Dike the spilled material, where this is possible. Absorb in vermiculite, dry sand or earth and place into containers. Following product recovery, flush area with water.
<b>CLEAN-UP</b>	Keep in suitable, closed containers for disposal.

## 7. HANDLING AND STORAGE

### PRECAUTIONS FOR SAFE HANDLING

<b>PROTECTIVE MEASURES</b>	Wear appropriate personal protective equipment. Do not get in eyes, on skin, on clothing. Use with adequate ventilation. Observe good industrial hygiene practices. Do not apply heat or direct sunlight. Temperature and product concentration affect product quality and decomposition rates.
----------------------------	---

### CONDITIONS FOR SAFE STORAGE (INCLUDING ANY INCOMPATIBILITIES)

<b>STORAGE CONDITIONS</b>	Keep container tightly closed. Store in a cool and well-ventilated place. Store in a corrosive resistant container. Consult container manufacturer for additional guidance. Store away from and do not mix with incompatible materials such as acids, oxidizers, organics, reducing agents, and all metals except titanium.
<b>INCOMPATIBLE MATERIALS</b>	Acids, oxidizers, organics, reducing agents, and all metals except titanium.

## 8. EXPOSURE CONTROLS/PERSONAL PROTECTION

### EXPOSURE GUIDELINES

Chemical Name	ACGIH TLV	OSHA PEL	NIOSH IDLH
Sodium hypochlorite <b>7681-52-9</b>	STEL: 2 mg/m	STEL: 2 mg/m	STEL: 2 mg/m
Sodium hydroxide <b>1310-73-2</b>	CEILING: 2 mg/m	PEL: 2 mg/m	CEILING: 2 mg/m

<b>ENGINEERING CONTROLS</b>	Good general ventilation (typically 10 air changes per hour) should be used. Ventilation rates should be matched to conditions. If applicable, use process enclosures, local exhaust ventilation, or other engineering controls to maintain airborne levels below recommended exposure limits. If exposure limits have not been established, maintain airborne levels to an acceptable level. Eye wash facilities and emergency shower must be available when handling this product.
-----------------------------	--

### INDIVIDUAL PROTECTION MEASURES

<b>EYE/FACE PROTECTION</b>	Refer to 29 CFR 1910.133 for eye and face protection regulations.
<b>SKIN/BODY PROTECTION</b>	Refer to 29 CFR 1910.138 for appropriate skin and body protection.
<b>RESPIRATORY PROTECTION</b>	Refer to 29 CFR 1910.134 for respiratory protection requirements.

**GENERAL HYGIENE** Handle in accordance with good industrial hygiene and safety practice.

## 9. PHYSICAL AND CHEMICAL PROPERTIES

<b>PHYSICAL STATE</b>	Liquid
<b>APPERANCE</b>	Liquid
<b>COLOR</b>	Not determined
<b>ODOR</b>	Pungent
<b>ODOR THRESHOLD</b>	0.9 mg/m <sup>3</sup>

PROPERTY	VALUES
<b>pH</b>	12 - 14 (25 °C/77 °F)
<b>MELTING POINT/FREEZING POINT</b>	-4 °F (-20 °C) (7% solution)
<b>BOILING POINT/BOILING RANGE</b>	Not determined
<b>FLASH POINT</b>	Not determined
<b>EVAPORATION RATE</b>	Not determined
<b>FLAMMABILITY (SOLID, GAS)</b>	Not determined
<b>UPPER FLAMMABILITY LIMITS IN AIR</b>	Not determined
<b>LOWER FLAMMABILITY LIMITS IN AIR</b>	Not determined
<b>VAPOR PRESSURE</b>	12 mm Hg (20°C/68°F)
<b>SPECIFIC GRAVITY</b>	Not determined
<b>RELATIVE DENSITY</b>	Not determined
<b>WATER SOLUBILITY</b>	Completely miscible
<b>PARTITION COEFFICIENT</b>	Not determined
<b>N-OCTANOL/WATER</b>	Not determined
<b>AUTOIGNITION TEMPERATURE</b>	Not determined
<b>DECOMPOSITION TEMPERATURE</b>	Not determined
<b>VISCOSITY</b>	Not determined

## 10. STABILITY AND REACTIVITY

<b>REACTIVITY</b>	Not reactive under normal conditions.
<b>CHEMICAL STABILITY</b>	Stable under recommended storage conditions.
<b>POSSIBILITY OF HAZARDOUS REACTIONS</b>	None under normal processing. Keep out of reach of children. Contact with incompatible materials. Avoid ultraviolet (UV) light
<b>CONDITIONS TO AVOID</b>	sources. Excessive heat. Reacts violently with strong acids. Acid contact will produce chlorine gas. Amine contact will produce chloramines.
<b>INCOMPATIBLE MATERIALS</b>	Strong oxidizing agents. Acids. Metals. Organic compounds. Ammonia.
<b>HAZARDOUS DECOMPOSITION PRODUCTS</b>	None known based on information supplied.

## 11. TOXICOLOGICAL INFORMATION

*Information on likely routes of exposure.*

<b>EYE CONTACT</b>	Causes eye burns.
<b>SKIN CONTACT</b>	Causes skin burns.
<b>INHALATION</b>	Vapors and spray mist may irritate throat and respiratory system and cause coughing.
<b>INGESTION</b>	Ingestion may cause gastrointestinal irritation, nausea, vomiting and diarrhea. Ingestion may produce burns to the lips, oral cavity, upper airway, esophagus and possibly the digestive tract.

### COMPONENT INFORMATION

CHEMICAL NAME	ORAL LD50	DERMAL LD50	INHALATION LC50
Sodium hydrochlorite 7681-52-9	3-5 g/kg (Rat)	>2 g/kg (Rabbit)	-

*Information on Toxicological Effects*

**SYMPTOMS** Please see section 4 of this SDS for symptoms.

*Delayed and immediate effects as well as chronic effects from short and long-term exposure*

**CARCINOGENICITY** This product is not considered to be a carcinogen by IARC, ACGIH, NTP, or OSHA.

*Numerical measures of toxicity – Product Information*

Not determined.

## 12. ECOLOGICAL INFORMATION

**ECOTOXICITY** Harmful to aquatic life with long lasting effects.

CHEMICAL NAME	ALGAE/ AQUATIC PLANTS	TOXIC TO	
		FISH	CRUSTACEA
Sodium hydrochlorite 7681-52-9	-	LC50: Bluegill (Lepomis macrochirus) 0.6 mg/l, 48 hours	LC50: Daphnia 1 mg/l

<b>PERSISTENCE AND DEGRADABILITY</b>	Not determined.
<b>BIOACCUMULATION</b>	Not determined.
<b>OTHER ADVERSE EFFECTS</b>	Not determined.

## 13. DISPOSAL CONSIDERATIONS

### WASTE TREATMENT METHODS

**WASTE DISPOSAL**

Collect and reclaim or dispose in sealed containers at licensed waste disposal site. This material and its container must be disposed of as hazardous waste. Do not allow this material to drain into sewers/water supplies. Do not contaminate ponds, waterways or ditches with chemical or used container. Dispose of contents/container in accordance with local/regional/national/international regulations.

**CONTAMINATED PACKAGING**

Since emptied containers may retain product residue, follow label warnings even after container is emptied. Empty containers should be taken to an approved waste handling site for recycling or disposal.

## 14. TRANSPORT INFORMATION

**DOT**

<b>UN NUMBER</b>	UN1791
<b>UN PROPER SHIPPING NAME</b>	Hypochlorite solutions
<b>TRANSPORT HAZARD CLASS</b>	8
<b>PACKING GROUP</b>	III

**IATA**

<b>UN NUMBER</b>	UN1791
<b>UN PROPER SHIPPING NAME</b>	Hypochlorite solutions
<b>TRANSPORT HAZARD CLASS</b>	8
<b>PACKING GROUP</b>	IIII

**IMDG**

<b>UN NUMBER</b>	UN1791
<b>UN PROPER SHIPPING NAME</b>	Hypochlorite solutions
<b>TRANSPORT HAZARD CLASS</b>	8
<b>PACKING GROUP</b>	IIII

## 15. REGULATORY INFORMATION

**INTERNATIONAL INVENTORIES**

**LEGEND**

**TSCA** United States Toxic Substances Control Act Section 8(B) Inventory

## U.S. FEDERAL REGULATIONS

**CERCLA**

This material, as supplied, contains one or more substances regulated as a hazardous substance under the Comprehensive Environmental Response Compensation and Liability Act (CERCLA) (40 CFR 302).

<b>Chemical Name</b>	<b>Hazardous Substances RQs</b>	<b>CERCLA/SARA RQ</b>	<b>Reportable Quantity (RQ)</b>
Sodium hydroxide 1310-73-2			

Sodium hydrochlorite  
7681-52-9

### SARA 313/312 HAZARD CATEGORIES

Section 313 of Title III of the Superfund Amendments and Reauthorization Act of 1986 (SARA). This product does not contain any chemical or chemicals which are subject to the reporting requirements of the Act and Title 40 of the Code of Federal Regulations, Part 372.

### CLEAN WATER ACT (CWA)

This product does not contain any substances which are regulated pollutants pursuant to the Clean Water Act (40 CFR 122.21 and 40 CFR 122.42).

## U.S. STATE REGULATIONS

### U.S. STATE RIGHT-TO-KNOW REGULATIONS

CHEMICAL NAME	NEW JERSEY	MASSACHUSETTS	PENNSYLVANIA
Sodium hydroxide 1310-73-2	X	X	X
Sodium hydrochlorite 7681-52-9	X	X	X

## 16. OTHER INFORMATION

<b>NFPA</b>	<b>HEALTH HAZARDS</b>	<b>FLAMMABILITY</b>	<b>INSTABILITY</b>	<b>SPECIAL HAZARDS</b>
	3	Not determined	Not determined	Not determined
<b>HMIS</b>	<b>HEALTH HAZARDS</b>	<b>FLAMMABILITY</b>	<b>PHYSICAL HAZARDS</b>	<b>PERSONAL PROTECTION</b>
	3	Not determined	1	Not determined

## DISCLAIMER

The information provided in this Safety Data Sheet is correct to the best of our knowledge at the date of its publication. The information given is designed only as a guidance for safe handling, use, processing, storage, transportation, disposal and release and is not to be considered a warranty or quality specification. The information relates only to the specific material designated and may not be valid for such material used in combination with any other materials or in any process, unless specified in the text.

**END OF SAFETY DATA SHEET**