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## 1. IDENTIFICATION

**PRODUCT IDENTIFIER**  
**PRODUCT NAME** PURGE

### OTHER MEANS OF IDENTIFICATION

**Recommended Uses** Mold and Mildew Remover

### 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** 800-535-5053  
**INTERNATIONAL** 352-323-3500

## 2. HAZARDS IDENTIFICATION

### CLASSIFICATION

Skin corrosion/irritation Category 2  
Serious eye damage/eye irritation Category 2A

**SIGNAL WORD** Warning

### HAZARD STATEMENTS



**HAZARD STATEMENTS** 1. May cause eye or skin irritation

### PRECAUTIONARY STATEMENTS

**PREVENTION** Wear protective gloves, splash goggles and protective clothing.  
Do not breathe mist /vapors/spray.  
Wash thoroughly after handling.

### ACUTE EFFECTS

**IF SWALLOWED** May cause irritation to the mouth, throat and gastrointestinal system.  
Symptoms may include nausea, vomiting, diarrhea and cramps.



## Safety Data Sheet

**EYES** May cause severe eye irritation.

**IF ON SKIN/HAIR** Causes moderate skin irritation.

**IF INHALED** May cause nose, throat and lung irritation.

### CHRONIC EFFECTS

**CARCINOGENICITY** No known critical effects or critical hazards.

**PRODUCT/INGREDIENT NAME** Not available.

### 3. COMPOSITION/INFORMATION ON INGREDIENTS

CHEMICAL NAME	CAS NUMBER	WEIGHT - %
Sodium Hypochlorite	7681-52-9 2-4	2-4
Sodium Carbonate	497-19-8	1-2
Sodium Xylene Sulfonate	1300-72-7	1-2
Lauramine Oxide	1643-20-5	1-2

\*\*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

**EYE CONTACT** Check for and remove any contact lenses. Flush with large quantities of water, holding eyelids open for 15 minutes. Seek medical attention immediately.

**SKIN CONTACT** Wash skin with copious amounts of water. If symptoms persist seek medical attention.

**INHALATION** Remove to fresh air. Seek medical attention if irritation persists.

**INGESTION** Do not induce vomiting. Drink copious amounts of water. Seek medical attention immediately.

### 5. FIRE-FIGHTING MEASURES

**SUITABLE EXTINGUISHING MEDIA** Use water spray, fog or foam.

**SPECIFIC HAZARDS ARISING FROM CHEMICAL** In a fire or if heated, a pressure increase will occur and the container may burst.

**HAZARDOUS THERMAL DECOMPOSITION PRODUCTS** Toxic chlorine vapor fumes emitted when heated to decomposition.

**SPECIFIC FIRE-FIGHTING METHODS** Promptly isolate the scene by removing all persons from the vicinity of the incident if there is a fire. No action shall be taken involving any personal risk or without suitable training.

## PROTECTIVE EQUIPMENT AND PRECAUTIONS FOR FIRE-FIGHTERS

Fire-Fighters should wear appropriate protective equipment and self contained breathing apparatus (SCBA) with a full face-piece operated in positive pressure mode.

## 6. ACCIDENTAL RELEASE MEASURES

### METHODS AND MATERIALS FOR CONTAMINATION AND CLEAN-UP

**CLEAN-UP** Put on appropriate personal protective equipment (see section 8). Stop leak if without risk. Move Containers from spill area. Dilute with water and mop up if water-soluble or absorb with an inert dry material and place in an appropriate waste disposal container. Dispose of via a licensed waste disposal contractor.

## 7. HANDLING AND STORAGE

### PRECAUTIONS FOR SAFE HANDLING

**PROTECTIVE MEASURES** Put on appropriate personal protective equipment (see Section 8). Do not get in eyes or on skin or clothing. Do not breathe vapor or mist. Do not ingest. Keep in the original container or an approved alternative made from a compatible material, kept tightly closed when not in use. Do not reuse container. Wash thoroughly after handling.

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

**STORAGE CONDITIONS** Store between the following temperatures: 4.44 to 48.9°C (40 to 120°F). Store in accordance with local regulations. Store in original container protected from direct sunlight in a dry, cool and well-ventilated area, away from incompatible materials (see section 10) and food and drink. Separate from acids. Keep container tightly closed and sealed until ready for use. Containers that have been opened must be carefully resealed and kept upright to prevent leakage. Do not store in unlabeled containers. Use appropriate containment to avoid environmental contamination.

## 8. EXPOSURE CONTROLS/PERSONAL PROTECTION

### EXPOSURE GUIDELINES

Chemical Name	Exposure Limits
Sodium Hypochlorite	AIHA WEEL STEL 2 mg/m <sup>3</sup>

### INDIVIDUAL PROTECTION MEASURES

<b>EYE/FACE PROTECTION</b>	Safety glasses.
<b>SKIN/BODY PROTECTION</b>	Use synthetic apron, other protective equipment as necessary to prevent skin contact. For prolonged or repeated handling, use gloves. Nitrile gloves. Rubber gloves. Neoprene gloves.
<b>RESPIRATORY PROTECTION</b>	Use with adequate ventilation. A respirator is not needed under normal and intended conditions of product use.

## 9. PHYSICAL AND CHEMICAL PROPERTIES

<b>PHYSICAL STATE</b>	Clear liquid
<b>COLOR</b>	Pale yellow
<b>ODOR</b>	Apple
<b>ODOR THRESHOLD</b>	Not available
<b>pH</b>	12.0-12.8
<b>MELTING POINT/FREEZING POINT</b>	Not available
<b>BOILING POINT/BOILING RANGE</b>	Not available
<b>FLASH POINT</b>	None
<b>EVAPORATION RATE (butyl acetate = 1)</b>	Not available
<b>FLAMMABILITY (SOLID, GAS)</b>	Not available
<b>VAPOR PRESSURE</b>	Not available
<b>VAPOR DENSITY</b>	Not available
<b>RELATIVE DENSITY</b>	1.06 (Water = 1)
<b>WATER SOLUBILITY</b>	Easily soluble in the following materials: cold water and hot water.
<b>PARTITION COEFFICIENT N-OCTANOL/ WATER</b>	Not available
<b>AUTO-IGNITION TEMPERATURE</b>	Not available
<b>DECOMPOSITION TEMPERATURE</b>	Not available
<b>VISCOSITY</b>	Kinematic (room temperature): < 10 CPS
<b>EXPLOSION LIMITS</b>	Not available

## 10. STABILITY AND REACTIVITY

<b>CHEMICAL STABILITY</b>	The product is stable.
<b>POSSIBILITY OF HAZARDOUS REACTIONS</b>	Under normal conditions of storage and use, hazardous reactions will not occur.
<b>CONDITIONS TO AVOID</b>	Direct source of heat.
<b>INCOMPATIBLE MATERIALS</b>	Strong oxidizers, strong acids, ammonia, amines, bisulfates.
<b>HAZARDOUS DECOMPOSITION PRODUCTS</b>	Thermal decomposition can lead to release of irritating gases and vapors.

## 11. TOXICOLOGICAL INFORMATION

### COMPONENT INFORMATION

PRODUCT/INGREDIENT NAME	RESULT	SPECIES	DOSE
Sodium Hypochlorite	LD50 Oral	Rat	2500 mg/kg
Sodium Carbonate	LD50 Oral	Rat	2800 mg/kg
Sodium Xylene Sulfonate	LD50 Oral	Rat	8910 mg/kg
Lauramine Oxide	LD50 Oral	Rat	500 - 5000 mg/kg

## 12. ECOLOGICAL INFORMATION

N/A

## 13. DISPOSAL CONSIDERATIONS

### WASTE TREATMENT METHODS



# Safety Data Sheet

**WASTE DISPOSAL** Waste must be disposed of in accordance with federal, state and local environmental control regulations. Consult your local or regional authorities for additional information.

## 14. TRANSPORT INFORMATION

DOT	
UN Number	Not regulated
Proper Shipping Name	-
Classes	-
PG*	-
Label	

**NOTE** DOT classification applies to most package sizes. For specific container size classifications or size exceptions, refer to the bill of lading with your shipment.

PG\* Packing Group

## 15. REGULATORY INFORMATION

### U.S. FEDERAL REGULATIONS

**TSCA 8(b) INVENTORY**  
All components are listed or exempted.

**SARA 302/304/311/312 EXTREMELY HAZARDOUS SUBSTANCES**  
No listed substance.

**SARA 302/304 EMERGENCY PLANNING AND NOTIFICATION**  
No listed substance.

SARA 313	PRODUCT NAME	CAS NUMBER	CONCENTRATION
Form R-Reporting requirements	No listed substance		

## 16. OTHER INFORMATION

HDS	HEALTH HAZARDS	REACTIVITY	FLAMMABILITY
	2	0	0

### 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**