



## SAFETY DATA SHEET

Issue Date: 249-June-2015

Revision Date: 24-June-2015

Version 1

### 1. IDENTIFICATION

**Product Identifier**

**Product Name** SSS Emulsion Bowl Cleaner

**Other means of identification**

**Product Code** 13005

**Recommended use of the chemical and restrictions on use**

**Recommended Use** Toilet Bowl Cleaner

**Details of the supplier of the safety data sheet**

**Manufactured for**

Triple S  
2 Executive Park Drive  
Billerica, MA 01862  
www.triple-s.com

**Telephone Number**

**Company Phone Number** 1-978-667-7900  
**Emergency Telephone (24 hr)** 1-888-779-1339

### 2. HAZARDS IDENTIFICATION

Color: Clear Amber

Appearance: Liquid

Odor: Mint

**GHS Classification**

Corrosive to metals : Category 1  
Skin corrosion : Category 1B  
Serious eye damage : Category 1  
Specific target organ toxicity - single exposure (Inhalation) : Category 3 (Respiratory system)

**GHS Label element**

Hazard pictograms



Signal word

: Danger

Hazard statements

: H290 May be corrosive to metals.  
H314 Causes severe skin burns and eye damage.  
H318 Causes serious eye damage.  
H335 May cause respiratory irritation.

Precautionary statements

: **Prevention:**  
P234 Keep only in original container.  
P261 Avoid breathing dust/ fume/ gas/ mist/ vapours/ spray.



P264 Wash skin thoroughly after handling.

P271 Use only outdoors or in a well-ventilated area.

P280 Wear protective gloves/ protective clothing/ eye protection/ face protection.

**Response:**

P301 + P330 + P331 IF SWALLOWED: Rinse mouth. Do NOT induce vomiting.

P303 + P361 + P353 IF ON SKIN (or hair): Take off immediately all contaminated clothing. Rinse skin with water/shower.

P304 + P340 + P310 IF INHALED: Remove person to fresh air and keep comfortable for breathing. Immediately call a POISON CENTER or doctor/ physician.

P305 + P351 + P338 + P310 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.

P363 Wash contaminated clothing before reuse.

P390 Absorb spillage to prevent material damage.

**Storage:**

P403 + P233 Store in a well-ventilated place. Keep container tightly closed.

P405 Store locked up.

P406 Store in corrosive resistant stainless steel container with a resistant inner liner.

**Disposal:**

P501 Dispose of contents/ container to an approved waste disposal plant.

**Other hazards**

None known.

### 3. COMPOSITION/INFORMATION ON INGREDIENTS

**Hazardous components**

Chemical Name	CAS-No.	Concentration (%)
Quaternary ammonium compounds, di-C8-10-alkyldimethyl, chlorides	68424-95-3	0.50
Quaternary ammonium compounds, benzyl-C12-16-alkyldimethyl, chlorides	68424-85-1	0.30
Water	7732-18-5	80.00 - 100.00
Hydrogen chloride	7647-01-0	20.00
Nonyl phenol ethoxylate	9016-45-9	1.00 - 5.00

### 4. FIRST-AID MEASURES

If inhaled

: Move to fresh air.  
If breathing is irregular or stopped, administer artificial respiration. Give oxygen.  
First aider needs to protect himself.  
Call a physician immediately.



- |   |   |
|---|---|
| In case of skin contact                                     | : Take off all contaminated clothing immediately.<br>After contact with skin, wash immediately with plenty of soap and water.<br>Call a physician immediately.  |
| In case of eye contact                                      | : Rinse immediately with plenty of water, also under the eyelids, for at least 15 minutes.<br>Call a physician immediately.   |
| If swallowed  | : Call a physician immediately.<br>Clean mouth with water and drink afterwards plenty of water.<br>Do not induce vomiting without medical advice.<br>Never give anything by mouth to an unconscious person. |
| Most important symptoms and effects, both acute and delayed | : No information available.   |
| Notes to physician  | : No information available.   |

**5. FIRE-FIGHTING MEASURES**

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|---|--|
| Suitable extinguishing media                  | : Water spray<br>Dry powder<br>Foam                              |
| Specific hazards during firefighting          | : Heating or fire can release toxic gas.                         |
| Further information                           | : Use water spray to cool unopened containers.                   |
| Special protective equipment for firefighters | : In the event of fire, wear self-contained breathing apparatus. |

**6. ACCIDENTAL RELEASE MEASURES**

- |   |   |
|---|---|
| Personal precautions, protective equipment and emergency procedures | : Use respirator when performing operations involving potential exposure to vapour of the product.  |
| Environmental precautions   |   |
| General advice  | : Do not flush into surface water or sanitary sewer system.   |
| Methods and materials for containment and cleaning up               | : Contain spillage, and then collect with non-combustible absorbent material, (e.g. sand, earth, diatomaceous earth, vermiculite) and place in container for disposal according to local / national regulations (see section 13). |

**7. HANDLING AND STORAGE**

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|-------------------------|--|
| Advice on safe handling | : Avoid contact with skin and eyes.<br>Provide sufficient air exchange and/or exhaust in work rooms. |
|-------------------------|--|



Conditions for safe storage : Keep container tightly closed and dry.

**8. EXPOSURE CONTROLS/PERSONAL PROTECTION**
**Components with workplace control parameters**

Components	CAS-No.	Value type (Form of exposure)	Control parameters / Permissible concentration	Basis
Hydrogen chloride	7647-01-0		2 ppm	ACGIH
		Ceil_Time	5 ppm 7 mg/m <sup>3</sup>	NIOSH/GUIDE
			5 ppm 7 mg/m <sup>3</sup>	OSHA_TRANS
			5 ppm 7 mg/m <sup>3</sup>	Z1A
		TLV-C	2 ppm	CAD ON OEL

**Appropriate engineering controls**
**Personal protective equipment**

Respiratory protection : In the case of vapour formation use a respirator with an approved filter.

Hand protection

Remarks : Wear suitable gloves. Take note of the information given by the producer concerning permeability and break through times, and of special workplace conditions (mechanical strain, duration of contact).

Eye protection : Tightly fitting safety goggles  
Face-shield

Skin and body protection : Choose body protection according to the amount and concentration of the dangerous substance at the work place.  
Rubber or plastic apron  
Rubber or plastic boots

Hygiene measures : Wash hands before breaks and immediately after handling the product.  
Avoid contact with skin, eyes and clothing.  
Remove and wash contaminated clothing and gloves, including the inside, before re-use.

**9. PHYSICAL AND CHEMICAL PROPERTIES**

Appearance : liquid

Colour : Clear amber

Odour : Mint

Odour Threshold : no data available



pH

: < 1

Melting point/freezing point	: no data available
Boiling point/boiling range	: no data available
Flash point	: no data available
Evaporation rate	: no data available
Upper explosion limit	: no data available
Lower explosion limit	: no data available
Vapour pressure	: no data available
Relative vapour density	: no data available
Relative density	: no data available
Density	: 1.04 g/cm <sup>3</sup> (25 °C)
Solubility(ies)	
Water solubility	: soluble
Partition coefficient: n-octanol/water	: no data available
Auto-ignition temperature	: no data available
Decomposition temperature	: no data available
Viscosity, dynamic	: no data available
Viscosity, kinematic	: no data available

#### 10. STABILITY AND REACTIVITY

Reactivity	: Stable under recommended storage conditions.
Possibility of hazardous reactions	: None known. Stable
Conditions to avoid	: None known.
Incompatible materials	: None known.

#### 11. TOXICOLOGICAL INFORMATION

Information on likely routes of exposure	: Eyes Skin Ingestion Inhalation
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Skin irritation : Remarks: Causes skin burns. Information given is based on data obtained from similar substances.

**Serious eye damage/eye irritation**

Eye irritation : Remarks: Severe eye irritation  
Information given is based on data obtained from similar substances.

## 12. ECOLOGICAL INFORMATION

**Ecotoxicity**

no data available

**Persistence and degradability**

no data available

**Bioaccumulative potential**

**Components:**

**Hydrogen chloride**

Partition coefficient: n-octanol/water : log Pow: 0.25

**Mobility in soil**

no data available

**Other adverse effects**

Additional ecological information : There is no data available for this product.

## 13. DISPOSAL CONSIDERATIONS

**Disposal methods**

Waste from residues : Dispose of in accordance with local regulations.

Contaminated packaging : Dispose of as unused product.





## 14. TRANSPORT INFORMATION

## IATA

**UN number** : 1903  
**Proper shipping name** : Disinfectant, liquid, corrosive, n.o.s.  
(Hydrogen chloride solution)  
**Transport hazard class** : 8  
**Packing group** : III  
**Labels** : 8  
**Environmental hazards** : no

## IMDG

**UN number** : 1903  
**Proper shipping name** : Disinfectant, liquid, corrosive, n.o.s.  
(Hydrogen chloride solution)  
**Transport hazard class** : 8  
**Packing group** : III  
**Labels** : 8  
**EmS Number 1** : F-A  
**EmS Number 2** : S-B  
**Environmental hazards** : Marine pollutant: no

## ADR

**UN number** : 1903  
**Proper shipping name** : DISINFECTANT, LIQUID, CORROSIVE, N.O.S.  
(Hydrogen chloride solution)  
**Transport hazard class** : 8  
**Packing group** : III  
**Classification Code** : C9  
**Hazard Identification Number** : 80  
**Labels** : 8  
**Environmental hazards** : no

## RID

**UN number** : 1903  
**Proper shipping name** : DISINFECTANT, LIQUID, CORROSIVE, N.O.S.  
(Hydrogen chloride solution)  
**Transport hazard class** : 8  
**Packing group** : III  
**Classification Code** : C9  
**Hazard Identification Number** : 80  
**Labels** : 8  
**Environmental hazards** : no



## DOT

UN number : 1903  
Proper shipping name : Disinfectants, liquid, corrosive n.o.s.  
(Hydrogen chloride solution)  
Transport hazard class : 8  
Packing group : III  
Labels : 8  
Emergency Response Guidebook : 153  
Number  
Environmental hazards : no

## TDG

UN number : 1903  
Proper shipping name : DISINFECTANT, LIQUID, CORROSIVE, N.O.S.  
(Hydrogen chloride solution)  
Transport hazard class : 8  
Packing group : III  
Labels : 8  
Environmental hazards : no

Special precautions for user : none

Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code : Not applicable

## 15. REGULATORY INFORMATION

This chemical is a pesticide product registered by the United States Environmental Protection Agency and is subject to certain labeling requirements under federal pesticide law. These requirements differ from the classification criteria and hazard information required for safety data sheets (SDS), and for workplace labels of non-pesticide chemicals.

Signal word : DANGER!  
Hazard statements : Causes substantial but temporary eye injury.  
Harmful if absorbed through skin.  
Harmful if inhaled.  
Corrosive. Causes skin burns.  
Corrosive. Causes irreversible eye damage.

## EPCRA - Emergency Planning and Community Right-to-Know Act

## CERCLA Reportable Quantity

Components	CAS-No.	Component RQ (lbs)	Calculated product RQ (lbs)
Hydrogen chloride	7647-01-0	5000	50000



**SARA 311/312 Hazards** : Acute Health Hazard

**SARA 302**

Hydrogen chloride	7647-01-0	10 %
Hydrogen chloride	7647-01-0	10 %

**US State Regulations****Massachusetts Right To Know**

Hydrogen chloride	7647-01-0
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**Pennsylvania Right To Know**

Hydrogen chloride	7647-01-0
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**New Jersey Right To Know**

Hydrogen chloride	7647-01-0
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**California Prop 65**

This product does not contain any chemicals known to State of California to cause cancer, birth defects, or any other reproductive harm.

**16. OTHER INFORMATION**

Revision Date : 2015.06.24