

Issue Date: 24-June-2015

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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.
 After contact with skin, wash immediately with plenty of soap and water.
 Call a physician immediately.

- In case of eye contact : Rinse immediately with plenty of water, also under the eyelids, for at least 15 minutes.
Call a physician immediately.
- If swallowed : Call a physician immediately.
Clean mouth with water and drink afterwards plenty of water.
Do not induce vomiting without medical advice.
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

- Suitable extinguishing media : Water spray
Dry powder
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

- Advice on safe handling : Avoid contact with skin and eyes.
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 ³	NIOSH/GUIDE
			5 ppm 7 mg/m ³	OSHA_TRANS
			5 ppm 7 mg/m ³	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 ³ (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 : 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 : 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 : 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 : 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 : Liquid, corrosive n.o.s. (Hydrogen chloride solution)
Transport hazard class : 8
Packing group : III
 Labels : 8
 Emergency Response Guidebook Number : 153
Environmental hazards : no

TDG

UN number : 1903
Proper shipping name : 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

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

HMS
Health Hazards

3

Flammability

0

Physical Hazards

0

Personal Protection

B = Goggles, gloves

Revision Date:

24-June-2015

Revision Note:

New format

Disclaimer

The information provided in this Safety Data Sheet is correct to the best of our knowledge, information and belief 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.