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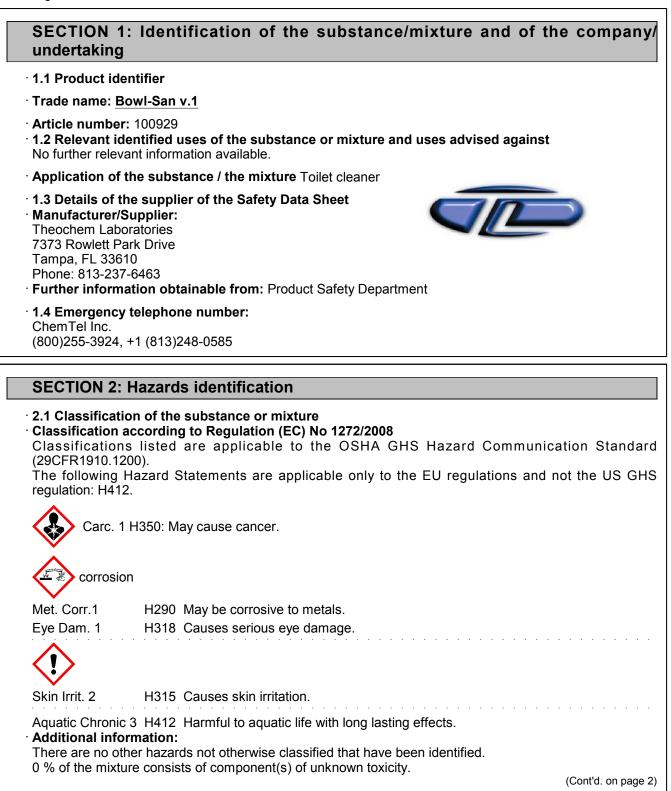
Safety Data Sheet

according to 1907/2006/EC (REACH), 1272/2008/EC (CLP), and OSHA

GHS

Printing date 14.07.2015

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(Cont'd. from page 1) · 2.2 Label elements Labelling according to Regulation (EC) No 1272/2008 The product is additionally classified and labelled according to the Globally Harmonized System within the United States (GHS). The product is classified and labelled according to the CLP regulation. · Hazard pictograms GHS05 · Signal word Danger · Hazard-determining components of labelling: Amines, Tallow Alkyl, Ethoxylated · Hazard statements The following Hazard Statements are applicable only to the EU regulations and not the US GHS regulation: H412. H290 May be corrosive to metals. H315 Causes skin irritation. H318 Causes serious eye damage. H412 Harmful to aquatic life with long lasting effects. Precautionary statements The following Precautionary Statements are applicable only to the EU CLP regulations and not the OSHA GHS regulations: P501. Wash thoroughly after handling. P264 P280 Wear protective gloves / eye protection. Keep only in original container. P234 P305+P351+P338 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/doctor. P310 P332+P313 If skin irritation occurs: Get medical advice/attention. P302+P352 IF ON SKIN: Wash with plenty of water. Take off contaminated clothing and wash it before reuse. P362+P364 P501 Dispose of contents/container in accordance with local/regional/national/international regulations. · NFPA ratings (scale 0 - 4) Health = 3Fire = 0Reactivity = 0 · HMIS-ratings (scale 0 - 4) 3 Health = 3 HEALTH Fire = 0 FIRE REACTIVITY Reactivity = 0 (Cont'd. on page 3)

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· HMIS Long Term Health Hazard Substances

None of the ingredients are listed.

· 2.3 Other hazards

· Results of PBT and vPvB assessment

• **PBT:** Not applicable.

· vPvB: Not applicable.

SECTION 3: Composition/information on ingredients

· 3.2 Mixtures

· Description: Mixture of substances listed below with nonhazardous additions.

· Dangerous components:		
CAS: 7647-01-0 EINECS: 231-595-7 Index number: 017-002-00-2	hydrochloric acid Met. Corr.1, H290; Skin Corr. 1B, H314 STOT SE 3, H335	<10%
CAS: 61791-26-2 NLP: 500-153-8	Amines, Tallow Alkyl, Ethoxylated Skin Corr. 1C, H314; Eye Dam. 1, H318 Aquatic Acute 1, H400; Aquatic Chronic 2, H411 Acute Tox. 4, H302	<5%
CAS: 9016-45-9 NLP: 500-024-6	4-nonylphenyl-polyethylene glycol Aquatic Chronic 2, H411 Skin Irrit. 2, H315; Eye Irrit. 2, H319	<1%
CAS: 7173-51-5 EINECS: 230-525-2 Index number: 612-131-00-6	didecyldimethylammonium chloride Skin Corr. 1B, H314 Aquatic Acute 1, H400; Aquatic Chronic 2, H411 Acute Tox. 4, H302	<1%

SVHC

9016-45-9 4-nonylphenyl-polyethylene glycol

• Additional information:

For the listed ingredients, the identity and exact percentages are being withheld as a trade secret.

SECTION 4: First aid measures

· 4.1 Description of first aid measures

· General information:

Immediately remove any clothing soiled by the product.

Symptoms of poisoning may even occur after several hours; therefore medical observation for at least 48 hours after the accident.

After inhalation:

Supply fresh air; consult doctor in case of complaints.

In case of unconsciousness place patient stably in side position for transportation.

• After skin contact:

Immediately remove any clothing soiled by the product.

Immediately rinse with water.

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(Cont'd. from page 3) If skin irritation continues, consult a doctor. Seek immediate medical help for blistering or open wounds. · After eye contact: Protect unharmed eve. Rinse opened eye for several minutes under running water. Remove contact lenses if worn. Rinse opened eye for several minutes under running water. Then consult a doctor. • After swallowing: Rinse out mouth and then drink plenty of water. Do not induce vomiting; call for medical help immediately. · 4.2 Most important symptoms and effects, both acute and delayed Coughing Breathing difficulty Gastric or intestinal disorders. · Hazards Danger of gastric perforation. Danger of impaired breathing. · 4.3 Indication of any immediate medical attention and special treatment needed Monitor circulation, possible shock treatment. Medical supervision for at least 48 hours. If necessary oxygen respiration treatment.

SECTION 5: Firefighting measures

· 5.1 Extinguishing media

• Suitable extinguishing agents: Use fire extinguishing methods suitable to surrounding conditions.

· For safety reasons unsuitable extinguishing agents: None.

5.2 Special hazards arising from the substance or mixture

In case of fire, the following can be released: Hydrogen chloride (HCI)

Carbon monoxide (CO)

Nitrogen oxides (NOx)

5.3 Advice for firefighters

· Protective equipment:

Wear self-contained respiratory protective device.

Wear fully protective suit.

Additional information Cool endangered receptacles with water spray.

SECTION 6: Accidental release measures

• 6.1 Personal precautions, protective equipment and emergency procedures

Use respiratory protective device against the effects of fumes/dust/aerosol.

Remove persons from danger area.

Ensure adequate ventilation

Wear protective equipment. Keep unprotected persons away.

• 6.2 Environmental precautions: Do not allow product to reach sewage system or any water course.

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• 6.3 Methods and material for containment and cleaning up:

Absorb with liquid-binding material (sand, diatomite, acid binders, universal binders, sawdust). Pick up mechanically.

Dispose contaminated material as waste according to section 13. Clean the affected area carefully; suitable cleaners are: Warm water

6.4 Reference to other sections

See Section 7 for information on safe handling.

See Section 8 for information on personal protection equipment.

See Section 13 for disposal information.

SECTION 7: Handling and storage

· 7.1 Precautions for safe handling

Use only in well ventilated areas.

Prevent formation of aerosols.

· Information about fire - and explosion protection: No special measures required.

· 7.2 Conditions for safe storage, including any incompatibilities

· Storage:

• Requirements to be met by storerooms and receptacles:

Store only in the original receptacle.

Unsuitable material for receptacle: aluminium.

Unsuitable material for receptacle: steel.

Information about storage in one common storage facility:

Do not store together with alkalis (caustic solutions).

Store away from oxidising agents.

Store away from foodstuffs.

• Further information about storage conditions: Store in cool, dry conditions in well sealed receptacles.

• 7.3 Specific end use(s) No further relevant information available.

SECTION 8: Exposure controls/personal protection

• Additional information about design of technical facilities: No further data; see section 7.

· 8.1 Control parameters

 Ingredients with limit values that 	require monitoring at the workplace:

7647-01-0 hydrochloric acid	
IOELV (EU)	Short-term value: 15 mg/m³, 10 ppm Long-term value: 8 mg/m³, 5 ppm
PEL (USA)	Ceiling limit: 7 mg/m ³ , 5 ppm
REL (USA)	Ceiling limit: 7 mg/m ³ , 5 ppm
TLV (USA)	Ceiling limit: 2,98 mg/m ³ , 2 ppm
EL (Canada)	Ceiling limit: 2 ppm
EV (Canada)	Ceiling limit: 2 ppm
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· Additional information: The	(Cont'd. from page 5) lists valid during the making were used as basis.	
	hists valid during the making were used as basis.	
 8.2 Exposure controls Personal protective equipm 	ont:	
· General protective and hyg		
Keep away from foodstuffs, b		
Immediately remove all soiled		
Wash hands before breaks a		
Store protective clothing sepa Avoid contact with the eyes a		
Do not inhale gases / fumes /		
• Respiratory protection:		
Not necessary if room is well-		
Use suitable respiratory prote	ctive device in case of insufficient ventilation.	
• Protection of hands:	ctive device when aerosol or mist is formed.	
Protective gloves		
The following gioves		
The glove material has to be	impermeable and resistant to the product/ the substance/ the preparation.	
	gloves made of the following materials are suitable:	
Nitrile rubber, NBR		
Neoprene gloves		
PVC gloves Natural rubber, NR		
,	de of the following materials:	
PVA gloves		
Leather gloves		
· Eye protection:		
Safety glasses		
Goggles recommended durin		
 Body protection: Acid resist 	ant protective clothing	
SECTION 9: Physical and chemical properties		
• 9.1 Information on basic ph	ysical and chemical properties	
· General Information		
· Appearance:		
Form:	Liquid	
Colour:	Dark blue	

Pleasant

< 2,0

Not determined.

· pH-value at 20 °C (68 °F):

· Odour:

· Odour threshold:

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Change in condition Melting point/Melting range: Boiling point/Boiling range:	Not Determined. 100 °C (212 °F)	
Flash point:	Not applicable.	
Flammability (solid, gaseous):	Not applicable.	
Auto/Self-ignition temperature:		
Decomposition temperature:	Not determined.	
Self-igniting:	Product is not self-igniting.	
Danger of explosion:	Product does not present an explosion hazard.	
Explosion limits: Lower: Upper:	Not determined. Not determined.	
Vapour pressure:	Not determined.	
Density: Relative density Vapour density Evaporation rate	1,03-1,05 g/cm ³ (8,595-8,762 lbs/gal) Not determined. Not determined. Not determined.	
Solubility in / Miscibility with water:	Fully miscible.	
Partition coefficient (n-octanol/water):	Not determined.	
Viscosity: Dynamic: Kinematic: 9.2 Other information	Not determined. Not determined. No further relevant information available.	

SECTION 10: Stability and reactivity

10.1 Reactivity No further relevant information available.
10.2 Chemical stability
Thermal decomposition / conditions to be avoided: No decomposition if used and stored according to specifications.
10.3 Possibility of hazardous reactions Reacts with alkali and metals. Reacts with strong oxidising agents. Reacts with strong oxidising agents. Reacts with amines. Corrosive action on metals. Reacts with metals forming hydrogen.
10.4 Conditions to avoid Store away from oxidising agents.
10.5 Incompatible materials: Warning! Do not use together with other products. May release dangerous gases (chlorine).

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· 10.6 Hazardous decomposition products:

Carbon monoxide and carbon dioxide Hydrogen chloride (HCI) Nitrogen oxides

11.1 Informat	on on toxicological effects
Acute toxicity	
-	es relevant for classification:
	nines, Tallow Alkyl, Ethoxylated
	00-2000 mg/kg (rat)
Primary irrita	nt effect:
Skin corrosio	n/irritation
Causes skin ir	ritation.
Serious eye c	amage/irritation
	s eye damage.
Respiratory of	r skin sensitisation Based on available data, the classification criteria are not met.
	cicological information: May cause cancer.
	(acute toxicity, irritation and corrosivity):
	s eye damage.
Irritating to ski	
	e toxicity: May cause damage to organs through prolonged or repeated exposure.
	carcinogenity, mutagenicity and toxicity for reproduction):
Germ cell mu	
	able data, the classification criteria are not met.
Carcinogenic	
	able data, the classification criteria are not met.
Reproductive	
	able data, the classification criteria are not met.
STOT-single	
	able data, the classification criteria are not met.
STOT-repeate	
	able data, the classification criteria are not met.
Aspiration ha	
Based on avai	able data, the classification criteria are not met.

SECTION 12: Ecological information

· 12.1 Toxicity

· Aquatic toxicity: The product contains materials that are harmful to the environment.

- 12.2 Persistence and degradability A part of the components is biodegradable.
- 12.3 Bioaccumulative potential Does not accumulate in organisms.
- · 12.4 Mobility in soil No further relevant information available.
- Ecotoxical effects:
- · Remark: Harmful to fish
- · Additional ecological information:
- · General notes:

This statement was deduced from the properties of the single components.

Water hazard class 1 (German Regulation) (Self-assessment): slightly hazardous for water

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(Cont'd. from page 8) Do not allow undiluted product or large quantities of it to reach ground water, water course or sewage system.

Must not reach sewage water or drainage ditch undiluted or unneutralised.

Harmful to aquatic organisms

Due to available data on eliminability/decomposition and bioaccumulation potential prolonged term damage of the environment can not be excluded.

· 12.5 Results of PBT and vPvB assessment

• **PBT:** Not applicable.

· vPvB: Not applicable.

• 12.6 Other adverse effects No further relevant information available.

SECTION 13: Disposal considerations

· 13.1 Waste treatment methods

· Recommendation

The user of this material has the responsibility to dispose of unused material, residues and containers in compliance with all relevant local, state and federal laws and regulations regarding treatment, storage and disposal for hazardous and nonhazardous wastes. Residual materials should be treated as hazardous.

· Uncleaned packaging:

• Recommendation: Disposal must be made according to local official regulations.

· Recommended cleansing agents: Water only.

SECTION 14: Transport information

· 14.1 UN-Number

• DOT, ADR, IMDG, IATA • 14.2 UN proper shipping name UN3264

Limited Quantity for packages less than 30 kg (66 lb) and inner packagings less than 5 L (1.3 gal).

· DOT, IMDG, IATA

· ADR

· 14.3 Transport hazard class(es)

· DOT



· Class

8 Corrosive substances.

(HYDROCHLORIC ACID SOLUTION)

N.O.S. (HYDROCHLORIC ACID SOLUTION)

CORROSIVE LIQUID, ACIDIC, INORGANIC, N.O.S.

3264 CORROSIVE LIQUID, ACIDIC, INORGANIC,

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Label ADR Class Label	8 8 (C1) Corrosive substances. 8
Label	8
MDG, IATA	
Class	8 Corrosive substances.
Label	8
14.4 Packing group	C C C C C C C C C C C C C C C C C C C
DOT, ADR, IMDG, IATA	III
14.5 Environmental hazards:	
Marine pollutant:	No
14.6 Special precautions for user	Warning: Corrosive substances.
Danger code (Kemler):	80
EMS Number:	F-A,S-B
Segregation groups	Acids
14.7 Transport in bulk according to Anne	
Marpol and the IBC Code	Not applicable.
Fransport/Additional information:	
ADR	
Limited quantities (LQ)	5L
Fransport category	3
Funnel restriction code	E
ТОТ	
Remarks:	See 173.154(d) for corrosive exceptions.
JN "Model Regulation":	UN3264, CORROSIVE LIQUID, ACIDIC, INORGANIC N.O.S. (HYDROCHLORIC ACID SOLUTION), 8, III

SECTION 15: Regulatory information

 \cdot 15.1 Safety, health and environmental regulations/legislation specific for the substance or mixture \cdot United States (USA)

· SARA

· Section 355 (extremely hazardous substances):

7647-01-0 hydrochloric acid

• Section 313 (Specific toxic chemical listings):

7647-01-0 hydrochloric acid

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All ingredients are listed. Proposition 65 (California): Chemicals known to cause cancer: Present in trace quantities. Ethanol - listing refers specifically to alcoholic beverage consumption and is not applicable for product. 64-17-5 ethanol Chemicals known to cause reproductive toxicity for females: None of the ingredients are listed. Chemicals known to cause reproductive toxicity for males: None of the ingredients are listed. Chemicals known to cause developmental toxicity: Present in trace quantities. Ethanol - listing refers specifically to alcoholic beverage consumption and is not applicable for product. 64-17-5 [ethanol Chemicals known to cause developmental toxicity: Present in trace quantities. Ethanol - listing refers specifically to alcoholic beverage consumption and is not applicable for product. 64-17-5 [ethanol Carcinogenic Categories EPA (Environmental Protection Agency) None of the ingredients are listed. IARC (International Agency for Research on Cancer) 7647-01-0 [hydrochloric acid TLV (Threshold Limit Value established by ACGIH) 7647-01-0 [hydrochloric acid Canadia Canadian Ingredients are listed. Canadian Ingredient are listed. Canadian Ingredient Disclosure list (limit 0.1%) None of the ingredients are listed. Canadian Ingredient Disclosure list (limit 1%) 7647-01-0 [hydrochloric acid Information about limitation of use: Workers are not allowed to be exposed to the hazardous carcinogenic materials contained in preparation. Exceptions and by the authorities in certain cases. Uther regulations, limitations and prohibitive regulations This product has been classified in accordance with hazard criteria of the Controlled Products Regulations. This product has been classified in accordance with hazard criteria of the Controlled Products Regulations. Substances of very high concern (SVCH) according to REACH, Article 57 9016-45-9		(Cont'd. from page
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	9016-45-9 4-nonylphenyl-polyethylene glycol	

according to 1907/2006/EC (REACH), 1272/2008/EC (CLP), and OSHA

GHS

Printing date 14.07.2015

Trade name: Bowl-San v.1

Revision: 14.07.2015

(Cont'd. from page 11)

• **15.2 Chemical safety assessment:** A Chemical Safety Assessment has not been carried out.

SECTION 16: Other information

This information is based on our present knowledge. However, this shall not constitute a guarantee for any specific product features and shall not establish a legally valid contractual relationship.

Relevant phrases

H290 May be corrosive to metals.

H302 Harmful if swallowed.

H314 Causes severe skin burns and eye damage.

H315 Causes skin irritation.

H318 Causes serious eye damage.

H319 Causes serious eye irritation.

H335 May cause respiratory irritation.

H400 Very toxic to aquatic life.

H411 Toxic to aquatic life with long lasting effects.

· Abbreviations and acronyms:

ADR: Accord européen sur le transport des marchandises dangereuses par Route (European Agreement concerning the International Carriage of Dangerous Goods by Road) IMDG: International Maritime Code for Dangerous Goods DOT: US Department of Transportation IATA: International Air Transport Association GHS: Globally Harmonised System of Classification and Labelling of Chemicals ACGIH: American Conference of Governmental Industrial Hygienists EINECS: European Inventory of Existing Commercial Chemical Substances ELINCS: European List of Notified Chemical Substances CAS: Chemical Abstracts Service (division of the American Chemical Society) NFPA: National Fire Protection Association (USA) HMIS: Hazardous Materials Identification System (USA) LC50: Lethal concentration, 50 percent LD50: Lethal dose, 50 percent PBT: Persistent, Bioaccumulative and Toxic SVHC: Substances of Very High Concern vPvB: very Persistent and very Bioaccumulative Met. Corr.1: Corrosive to metals, Hazard Category 1 Acute Tox. 4: Acute toxicity, Hazard Category 4 Skin Corr. 1B: Skin corrosion/irritation, Hazard Category 1B Skin Corr. 1C: Skin corrosion/irritation. Hazard Category 1C Skin Irrit. 2: Skin corrosion/irritation, Hazard Category 2 Eye Dam. 1: Serious eye damage/eye irritation, Hazard Category 1 Eye Irrit. 2: Serious eye damage/eye irritation, Hazard Category 2 STOT SE 3: Specific target organ toxicity - Single exposure, Hazard Category 3 Aquatic Acute 1: Hazardous to the aquatic environment - AcuteHazard, Category 1 Aquatic Chronic 2: Hazardous to the aquatic environment - Chronic Hazard, Category 2 Aquatic Chronic 3: Hazardous to the aquatic environment - Chronic Hazard, Category 3



CLING

Bowl And Urinal Cleaner

Acid Toilet Bowl Cleaner with Organic Soil Tolerance. Cleans and Deodorizes. Removes Stains and Hard Water Deposits. This product is designed for toilet bowls and urinals. Contains an acid compatible detergent system that removes resistant stains. When used as directed, this product cleans and deodorizes in one easy step.



352044

PRODUCT INFORMATION:

- Removes Scale, Rust Stains and Water Lines
- Thick Formula Clings to Bowls
- Works Fast
- · Contains 9% HCL

рН	< 2.0
Form	Liquid
Fragrance	Pleasant
Color	Dark blue
Packaged	12/1 qt Case

DIRECTIONS FOR USE:

TOILETS: Flush toilet. Add 3 fluid oz. (6 tablespoons) directly to water in toilet bowl (3/4 gallon). Brush to cover all interior surfaces of the bowl including under the rim. Allow solution to remain at least 10 minutes. Flush toilet. For heavily soiled areas, a preliminary cleaning may be required. To clean badly stained bowls, repeat above treatment using 5 to 7 fluid ounces. It should not be used or placed on toilet bowl lids, (wood) toilet seats, vanities, sinks, bathtubs, cabinets, countertops or rugs. Clean spills immediately. **URINALS:** Add 3 fluid oz. (6 tablespoons) to 3/4 gallon of water. Apply by brush to all urinal surfaces. Treated surfaces must remain wet for 10 minutes. Flush. Clean spills immediately. **STAINS:** To remove metallic soap build up and stains from tile floors, walls, shower stalls, and swimming pools etc. use 1/2 cup of this product per gallon of water. Apply with mop or cloth. Rinse thoroughly. To remove stains on ceramic tile floors and grout and remove tarnish from brass, apply with cloth and rinse with cold water. Do not allow bottle to stand on porcelain while contents are being used. Rinse mop and cloth with water after using this product. Clean spills immediately. **DO NOT MIX WITH CHLORINE, BLEACH, AMMONIA CLEANERS OR OTHER HOUSEHOLD CHEMICALS. NOT RECOMMENDED FOR USE ON CHROME FIXTURES.**

IMPORTANT SAFETY INFORMATION:



DANGER

May be corrosive to metals. Causes skin irritation. Causes serious eye damage.

Wash hands thoroughly after handling. Wear protective gloves, protective clothing, eye protection and face protection. Keep only in original container.

FIRST AID: 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 physician. IF ON SKIN: Wash with plenty of water. If skin irritation occurs: Get medical attention. Take off contaminated clothing and wash it before reuse. FOR INDUSTRIAL & INSTITUTIONAL USE



Chadwell Supply 4907 Kearney Blvd. Tampa, FL 33619 (888) 341-2423 www.chadwellsupply.com



Chemtrec Emergency Response (800) 424-9300