# **SAFETY DATA SHEET**

**IN** DIVIDUAL

### Clinging Tub and Tile Cleaner

Section 1. Identification

#### **GHS product identifier** : Clinging Tub and Tile Cleaner **Product code** : 075 BRI Other means of : Not available. identification **Product type** : Liquid. Relevant identified uses of the substance or mixture and uses advised against Identified uses Toilet Bowl Cleaner Uses advised against Reason For Industrial and Institutional Use Only : BradyIFS **Supplier's details** 7055 Lindell Rd Las Vegas, NV 89118 800-293-4698 : Chemtrec (800) 424-9300 **Emergency telephone** 24 hour number (with hours of operation) Section 2. Hazards identification **OSHA/HCS status** : This material is considered hazardous by the OSHA Hazard Communication Standard (29 CFR 1910.1200). **Classification of the** : SKIN CORROSION - Category 1 substance or mixture SERIOUS EYE DAMAGE - Category 1 **GHS** label elements Hazard pictograms Signal word : Danger **Hazard statements** : Causes severe skin burns and eye damage. Precautionary statements **Prevention** : Wear protective gloves. Wear eye or face protection: Recommended: splash goggles. Wear protective clothing. Wash hands thoroughly after handling. : IF INHALED: Remove person to fresh air and keep comfortable for breathing. Response Immediately call a POISON CENTER or physician. IF SWALLOWED: Immediately call a POISON CENTER or physician. Rinse mouth. Do NOT induce vomiting. IF ON SKIN (or hair): Take off immediately all contaminated clothing. Rinse skin with water or shower. Wash contaminated clothing before reuse. Immediately call a POISON CENTER or physician. 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. Date of issue/Date of revision : 7/3/2023 Date of previous issue : 2/3/2021 Version :1 1/13

### Section 2. Hazards identification

#### Storage Disposal

- : Store locked up.
- : Dispose of contents and container in accordance with all local, regional, national and international regulations.
- Hazards not otherwise classified

### : None known.

### Section 3. Composition/information on ingredients

Substance/mixture	: Mixture
Other means of identification	: Not available.

Ingredient name	%	CAS number
Hydrogen chloride	<10	7647-01-0
Alcohols, C9-11, ethoxylated	≤3	68439-46-3

Any concentration shown as a range is to protect confidentiality or is due to batch variation.

There are no additional ingredients present which, within the current knowledge of the supplier and in the concentrations applicable, are classified as hazardous to health or the environment and hence require reporting in this section.

Occupational exposure limits, if available, are listed in Section 8.

### Section 4. First aid measures

#### **Description of necessary first aid measures**

Eye contact	: Get medical attention immediately. Call a poison center or physician. Immediately flush eyes with plenty of water, occasionally lifting the upper and lower eyelids. Check for and remove any contact lenses. Continue to rinse for at least 10 minutes. Chemical burns must be treated promptly by a physician.
Inhalation	: Get medical attention immediately. Call a poison center or physician. Remove victim to fresh air and keep at rest in a position comfortable for breathing. If it is suspected that fumes are still present, the rescuer should wear an appropriate mask or self-contained breathing apparatus. If not breathing, if breathing is irregular or if respiratory arrest occurs, provide artificial respiration or oxygen by trained personnel. It may be dangerous to the person providing aid to give mouth-to-mouth resuscitation. If unconscious, place in recovery position and get medical attention immediately. Maintain an open airway. Loosen tight clothing such as a collar, tie, belt or waistband.
Skin contact	: Get medical attention immediately. Call a poison center or physician. Wash contaminated skin with soap and water. Remove contaminated clothing and shoes. Wash contaminated clothing thoroughly with water before removing it, or wear gloves. Continue to rinse for at least 10 minutes. Chemical burns must be treated promptly by a physician. Wash clothing before reuse. Clean shoes thoroughly before reuse.
Ingestion	: Get medical attention immediately. Call a poison center or physician. Wash out mouth with water. Remove dentures if any. Remove victim to fresh air and keep at rest in a position comfortable for breathing. If material has been swallowed and the exposed person is conscious, give small quantities of water to drink. Stop if the exposed person feels sick as vomiting may be dangerous. Do not induce vomiting unless directed to do so by medical personnel. If vomiting occurs, the head should be kept low so that vomit does not enter the lungs. Chemical burns must be treated promptly by a physician. Never give anything by mouth to an unconscious person. If unconscious, place in recovery position and get medical attention immediately. Maintain an open airway. Loosen tight clothing such as a collar, tie, belt or waistband.

Most important symptoms/effects, acute and delayed Potential acute health effects

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# Section 4. First aid measures

Eye contact	: Causes serious eye damage.
Inhalation	: No known significant effects or critical hazards.
Skin contact	: Causes severe burns.
Ingestion	: No known significant effects or critical hazards.
Over-exposure signs/symp	<u>otoms</u>
Eye contact	: Adverse symptoms may include the following: pain watering redness
Inhalation	: No specific data.
Skin contact	: Adverse symptoms may include the following: pain or irritation redness blistering may occur
Ingestion	: Adverse symptoms may include the following: stomach pains
Indication of immediate med	dical attention and special treatment needed, if necessary
Notes to physician	<ul> <li>Treat symptomatically. Contact poison treatment specialist immediately if large quantities have been ingested or inhaled.</li> </ul>
Specific treatments	: No specific treatment.
Protection of first-aiders	: No action shall be taken involving any personal risk or without suitable training. If it is suspected that fumes are still present, the rescuer should wear an appropriate mask or self-contained breathing apparatus. It may be dangerous to the person providing aid to give mouth-to-mouth resuscitation. Wash contaminated clothing thoroughly with water before removing it, or wear gloves.

### See toxicological information (Section 11)

## Section 5. Fire-fighting measures

Extinguishing media	
Suitable extinguishing media	: Use an extinguishing agent suitable for the surrounding fire.
Unsuitable extinguishing media	: None known.
Specific hazards arising from the chemical	: In a fire or if heated, a pressure increase will occur and the container may burst.
Hazardous thermal decomposition products	: Decomposition products may include the following materials: halogenated compounds
Special protective actions for fire-fighters	<ul> <li>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.</li> </ul>
Special protective equipment 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.

# Section 6. Accidental release measures

Personal precautions, protec	ive equipment and emergency procedures
For non-emergency personnel	: No action shall be taken involving any personal risk or without suitable training. Evacuate surrounding areas. Keep unnecessary and unprotected personnel from entering. Do not touch or walk through spilled material. Do not breathe vapor or mist. Provide adequate ventilation. Wear appropriate respirator when ventilation is inadequate. Put on appropriate personal protective equipment.
For emergency responders	: If specialized clothing is required to deal with the spillage, take note of any information in Section 8 on suitable and unsuitable materials. See also the information in "For non-emergency personnel".
Environmental precautions	: Avoid dispersal of spilled material and runoff and contact with soil, waterways, drains and sewers. Inform the relevant authorities if the product has caused environmental pollution (sewers, waterways, soil or air).
Methods and materials for co	ntainment and cleaning up
Small spill	: Stop leak if without risk. Move containers from spill area. Dilute with water and mop up if water-soluble. Alternatively, or if water-insoluble, absorb with an inert dry material and place in an appropriate waste disposal container. Dispose of via a licensed waste disposal contractor.
Large spill	: Stop leak if without risk. Move containers from spill area. Approach release from upwind. Prevent entry into sewers, water courses, basements or confined areas. Wash spillages into an effluent treatment plant or proceed as follows. Contain and collect spillage with non-combustible, absorbent material e.g. sand, earth, vermiculite or diatomaceous earth and place in container for disposal according to local regulations (see Section 13). The spilled material may be neutralized with sodium carbonate, sodium bicarbonate or sodium hydroxide. Dispose of via a licensed waste disposal contractor. Contaminated absorbent material may pose the same hazard as the spilled product. Note: see Section 1 for emergency contact information and Section 13 for waste disposal.

# Section 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. If during normal use the material presents a respiratory hazard, use only with adequate ventilation or wear appropriate respirator. Keep in the original container or an approved alternative made from a compatible material, kept tightly closed when not in use. Keep away from alkalis. Empty containers retain product residue and can be hazardous. Do not reuse container.
Advice on general occupational hygiene	:	Eating, drinking and smoking should be prohibited in areas where this material is handled, stored and processed. Workers should wash hands and face before eating, drinking and smoking. Remove contaminated clothing and protective equipment before entering eating areas. See also Section 8 for additional information on hygiene measures.
Conditions for safe storage, including any incompatibilities	:	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. Store locked up. Separate from alkalis. 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. See Section 10 for incompatible materials before handling or use.

# Section 8. Exposure controls/personal protection

### **Control parameters**

### **Occupational exposure limits**

Ingredient name	Expo	osure limits
Hydrogen chloride	ACG	IH TLV (United States, 3/2018).
	OSH. CEI CEI NIOS CEI CEI OSH. CEI CEI	2 ppm <b>A PEL 1989 (United States, 3/1989).</b> L: 5 ppm L: 7 mg/m <sup>3</sup> <b>SH REL (United States, 10/2016).</b> L: 5 ppm L: 7 mg/m <sup>3</sup> <b>A PEL (United States, 5/2018).</b> L: 5 ppm L: 7 mg/m <sup>3</sup>
Alcohols, C9-11, ethoxylate	d None	).
Appropriate engineering controls	: If user operations generate dust, fumes, gas, v local exhaust ventilation or other engineering of airborne contaminants below any recommended	controls to keep worker exposure to
Environmental exposure controls	: Emissions from ventilation or work process eq they comply with the requirements of environm cases, fume scrubbers, filters or engineering r will be necessary to reduce emissions to acce	nental protection legislation. In some nodifications to the process equipment
Individual protection measu	ires	
Hygiene measures	: Wash hands, forearms and face thoroughly af eating, smoking and using the lavatory and at Appropriate techniques should be used to rem Wash contaminated clothing before reusing. I showers are close to the workstation location.	the end of the working period. hove potentially contaminated clothing.
Eye/face protection	: Safety eyewear complying with an approved st assessment indicates this is necessary to avoi gases or dusts. If contact is possible, the follo the assessment indicates a higher degree of p or face shield. If inhalation hazards exist, a ful Recommended: splash goggles	id exposure to liquid splashes, mists, wing protection should be worn, unless protection: chemical splash goggles and/
Skin protection		
Hand protection	: Chemical-resistant, impervious gloves comply worn at all times when handling chemical prod necessary. Considering the parameters speci	lucts if a risk assessment indicates this is
	during use that the gloves are still retaining the noted that the time to breakthrough for any glo glove manufacturers. In the case of mixtures, protection time of the gloves cannot be accura	eir protective properties. It should be ove material may be different for different consisting of several substances, the
Body protection	noted that the time to breakthrough for any glo glove manufacturers. In the case of mixtures,	eir protective properties. It should be ove material may be different for different consisting of several substances, the itely estimated. ould be selected based on the task being

### Section 8. Exposure controls/personal protection

#### **Respiratory protection**

: Based on the hazard and potential for exposure, select a respirator that meets the appropriate standard or certification. Respirators must be used according to a respiratory protection program to ensure proper fitting, training, and other important aspects of use.

**Personal protective** equipment (Pictograms)



### Section 9. Physical and chemical properties

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<u>Appearance</u>		
Physical state	Liquid.	
Color	Blue. Hazy	
Odor	Minty.	
Odor threshold	Not available.	
рН	<1.5	
Melting point	Not available.	
Boiling point	Not available.	
Flash point	Closed cup: >93.3°C (>199.9°F) [Product does not sustain combustion	າ.]
Evaporation rate	Not available.	
Flammability (solid, gas)	Not available.	
Lower and upper explosive	Not available.	
(flammable) limits		
Vapor pressure	Not available.	
Vapor density	Not available.	
Relative density	1.047	
Solubility	Easily soluble in the following materials: cold water and hot water.	
Solubility in water	Not available.	
Partition coefficient: n- octanol/water	Not available.	
Auto-ignition temperature	Not available.	
Decomposition temperature	Not available.	
Viscosity	Not available.	
· · · · · · · · · · · · · · · · · · ·	Not available.	
Flow time (ISO 2431)		

### Section 10. Stability and reactivity

Reactivity	: No specific	test data related to react	vity available for thi	s product or its ingredients	S.
Chemical stability	: The produc	t is stable.			
Possibility of hazardous reactions	: Hazardous	reactions or instability ma	ly occur under certa	ain conditions of storage o	r use.
Conditions to avoid	: No specific	data.			
Incompatible materials	: Not availab	le.			
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## Section 10. Stability and reactivity

Hazardous decomposition products

: Under normal conditions of storage and use, hazardous decomposition products should not be produced.

### Section 11. Toxicological information

#### Information on toxicological effects

#### Acute toxicity

Product/ingredient name	Result	Species	Dose	Exposure
Alcohols, C9-11, ethoxylated	LD50 Oral	Rat	1378 mg/kg	-

#### Irritation/Corrosion

Product/ingredient name	Result	Species	Score	Exposure	Observation
Hydrogen chloride	Eyes - Mild irritant	Rabbit	-	0.5 minutes 5 milligrams	-
	Skin - Mild irritant	Human	-	24 hours 4 Percent	-

#### **Sensitization**

Not available.

#### **Mutagenicity**

Not available.

#### Carcinogenicity

Not available.

#### **Classification**

Product/ingredient name	OSHA	IARC	NTP
Hydrogen chloride	-	3	-

#### Reproductive toxicity

Not available.

#### **Teratogenicity**

Not available.

#### Specific target organ toxicity (single exposure)

Not available.

#### Specific target organ toxicity (repeated exposure)

Not available.

#### Aspiration hazard

Not available.

Ingestion

Information on the likely routes of exposure	:	Routes of entry anticipated: Oral, Dermal. Routes of entry not anticipated: Inhalation.
Potential acute health effects		
Eye contact	:	Causes serious eye damage.
Inhalation	:	No known significant effects or critical hazards.

- Skin contact : Causes severe burns.
  - : No known significant effects or critical hazards.

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# Section 11. Toxicological information

Symptoms related to the phy	sical, chemical and toxicological characteristics
Eye contact	: Adverse symptoms may include the following: pain watering redness
Inhalation	: No specific data.
Skin contact	: Adverse symptoms may include the following: pain or irritation redness blistering may occur
Ingestion	: Adverse symptoms may include the following: stomach pains
Delayed and immediate effec	ts and also chronic effects from short and long term exposure
<u>Short term exposure</u>	
Potential immediate effects	: Not available.
Potential delayed effects	: Not available.
Long term exposure	
Potential immediate effects	: Not available.
Potential delayed effects	: Not available.
Potential chronic health effe	<u>ects</u>
Not available.	
General	: No known significant effects or critical hazards.
Carcinogenicity	: No known significant effects or critical hazards.
Mutagenicity	: No known significant effects or critical hazards.
Teratogenicity	: No known significant effects or critical hazards.
Developmental effects	: No known significant effects or critical hazards.
Fertility effects	: No known significant effects or critical hazards.

### Numerical measures of toxicity

### Acute toxicity estimates

Route	ATE value
Oral Dermal	5543.32 mg/kg
Dema	12195.31 mg/kg

## Section 12. Ecological information

### **Toxicity**

## Section 12. Ecological information

Product/ingredient name	Result	Species	Exposure
Hydrogen chloride	Acute LC50 240000 µg/l Marine water	Crustaceans - Carcinus maenas - Adult	48 hours
	Acute LC50 282 ppm Fresh water	Fish - Gambusia affinis - Adult	96 hours
Alcohols, C9-11, ethoxylated	Acute EC50 5.36 mg/l Fresh water	Crustaceans - Ceriodaphnia dubia - Neonate	48 hours
	Acute EC50 2686 µg/l Fresh water	Daphnia - Daphnia magna - Neonate	48 hours
	Acute LC50 8500 µg/l Fresh water	Fish - Pimephales promelas	96 hours

#### Persistence and degradability

Not available.

#### **Bioaccumulative potential**

Product/ingredient name	LogPow	BCF	Potential
Hydrogen chloride	0.25	-	low

<u>Mobility in soil</u>	
Soil/water partition coefficient (K <sub>oc</sub> )	: Not available.

Other adverse effects : No known significant effects or critical hazards.

### Section 13. Disposal considerations

Disposal methods : The generation of waste should be avoided or minimized wherever possible. Disposal of this product, solutions and any by-products should at all times comply with the requirements of environmental protection and waste disposal legislation and any regional local authority requirements. Dispose of surplus and non-recyclable products via a licensed waste disposal contractor. Waste should not be disposed of untreated to the sewer unless fully compliant with the requirements of all authorities with jurisdiction. Waste packaging should be recycled. Incineration or landfill should only be considered when recycling is not feasible. This material and its container must be disposed of in a safe way. Care should be taken when handling emptied containers that have not been cleaned or rinsed out. Empty containers or liners may retain some product residues. Avoid dispersal of spilled material and runoff and contact with soil, waterways, drains and sewers.

### Section 14. Transport information

	DOT Classification	TDG Classification	Mexico Classification	ADR/RID	IMDG	ΙΑΤΑ
UN number	UN1760	UN1760	UN1760	UN1760	UN1760	UN1760
UN proper shipping name	Corrosive liquid, n.o.s. (Hydrogen chloride)					

	Jeaner							
Section 14. Transport information								
Transport hazard class(es)	8 Concore 8	8	8	8	8	8		
Packing group			II					
Environmental hazards	No.	No.	No.	No.	No.	No.		
ADR/RID IMDG								
ΙΑΤΑ		: <u>Limited quantity</u> Yes.						
Special precautio	ons for user	upright and se	thin user's premi ecure. Ensure that ccident or spillage.	persons transpor		ntainers that are now what to do in the		
Transport in bulk to Annex II of MA the IBC Code	-	: Not available.						

# Section 15. Regulatory information

U.S. Federal regulations	: <b>TSCA 4(a) proposed test rules</b> : Quaternary ammonium compounds, benzyl- C12-16-alkyldimethyl, chlorides
	TSCA 8(a) PAIR: 4-Nonylphenol, branched, ethoxylated
	TSCA 8(a) CDR Exempt/Partial exemption: Not determined
	Clean Water Act (CWA) 307: chromium
	Clean Water Act (CWA) 311: Hydrogen chloride
	Clean Air Act (CAA) 112 regulated toxic substances: Hydrogen chloride
Clean Air Act Section 112 (b) Hazardous Air Pollutants (HAPs)	: Listed
Clean Air Act Section 602 Class I Substances	: Not listed
Clean Air Act Section 602 Class II Substances	: Not listed
DEA List I Chemicals (Precursor Chemicals)	: Not listed
DEA List II Chemicals (Essential Chemicals)	: Listed
SARA 302/304	

# Section 15. Regulatory information

### **Composition/information on ingredients**

				SARA 302 TPQ		SARA 304 RQ	
Name		%	EHS	(lbs)	(gallons)	(lbs)	(gallons)
Hydrogen chloride		<10	Yes.	500	-	5000	-
SARA 304 RQ	: 55433.2 lbs / 25166.7 kg [6349.9 gal / 24037 L]						•
<u>SARA 311/312</u>							
Classification	: SKIN COR	ROSION - Catego	ry 1				

: SKIN CORROSION - Category 1

SERIOUS EYE DAMAGE - Category 1

#### **Composition/information on ingredients**

Name	%	Classification
Hydrogen chloride	<10	ACUTE TOXICITY (oral) - Category 4 ACUTE TOXICITY (dermal) - Category 4 SKIN CORROSION - Category 1A SERIOUS EYE DAMAGE - Category 1
Alcohols, C9-11, ethoxylated	≤3	EYE IRRITATION - Category 2A

#### **SARA 313**

	Product name	CAS number	%
Form R - Reporting requirements	Hydrogen chloride	7647-01-0	<10
Supplier notification	Hydrogen chloride	7647-01-0	<10

SARA 313 notifications must not be detached from the SDS and any copying and redistribution of the SDS shall include copying and redistribution of the notice attached to copies of the SDS subsequently redistributed.

#### **State regulations**

Massachusetts	: The following components are listed: HYDROGEN CHLORIDE; HYDROCHLORIC ACID
New York	: The following components are listed: Hydrochloric acid
New Jersey	: The following components are listed: HYDROGEN CHLORIDE; HYDROCHLORIC ACID
Pennsylvania	: The following components are listed: HYDROCHLORIC ACID

#### California Prop. 65

This product does not require a Safe Harbor warning under California Prop. 65.

#### International regulations

Chemical Weapon Convention List Schedules I, II & III Chemicals

Not listed.

#### **Montreal Protocol**

Not listed.

Stockholm Convention on Persistent Organic Pollutants

Not listed.

**Rotterdam Convention on Prior Informed Consent (PIC)** Not listed.

#### **UNECE Aarhus Protocol on POPs and Heavy Metals**

Not listed.

#### **Inventory list**

**Australia** 

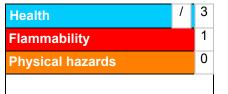
: All components are listed or exempted.

### Section 15. Regulatory information

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Canada	: At least one component is not listed in DSL but all such components are listed in NDSL.
China	: All components are listed or exempted.
Europe	: At least one component is not listed.
Japan	: Japan inventory (ENCS): Not determined. Japan inventory (ISHL): Not determined.
Malaysia	: Not determined
New Zealand	: All components are listed or exempted.
Philippines	: All components are listed or exempted.
Republic of Korea	: All components are listed or exempted.
Taiwan	: All components are listed or exempted.
Thailand	: Not determined.
Turkey	: Not determined.
United States	: All components are listed or exempted.
Viet Nam	: Not determined.

### Section 16. Other information

Hazardous Material Information System (U.S.A.)



Caution: HMIS® ratings are based on a 0-4 rating scale, with 0 representing minimal hazards or risks, and 4 representing significant hazards or risks. Although HMIS® ratings and the associated label are not required on SDSs or products leaving a facility under 29 CFR 1910.1200, the preparer may choose to provide them. HMIS® ratings are to be used with a fully implemented HMIS® program. HMIS® is a registered trademark and service mark of the American Coatings Association, Inc.

The customer is responsible for determining the PPE code for this material. For more information on HMIS® Personal Protective Equipment (PPE) codes, consult the HMIS® Implementation Manual.

National Fire Protection Association (U.S.A.)



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Copyright ©2001, National Fire Protection Association, Quincy, MA 02269. This warning system is intended to be interpreted and applied only by properly trained individuals to identify fire, health and reactivity hazards of chemicals. The user is referred to certain limited number of chemicals with recommended classifications in NFPA 49 and NFPA 325, which would be used as a guideline only. Whether the chemicals are classified by NFPA or not, anyone using the 704 systems to classify chemicals does so at their own risk.

#### Procedure used to derive the classification

Justification
On basis of test data On basis of test data

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# Section 16. Other information

<u>History</u>	
Date of printing	: 7/6/2023
Date of issue/Date of revision	: 7/3/2023
Date of previous issue	: 2/3/2021
Version	: 1
Key to abbreviations	<ul> <li>ATE = Acute Toxicity Estimate BCF = Bioconcentration Factor GHS = Globally Harmonized System of Classification and Labelling of Chemicals IATA = International Air Transport Association IBC = Internediate Bulk Container IMDG = International Maritime Dangerous Goods LogPow = logarithm of the octanol/water partition coefficient MARPOL = International Convention for the Prevention of Pollution From Ships, 1973 as modified by the Protocol of 1978. ("Marpol" = marine pollution) UN = United Nations</li> </ul>
References	: Not available.

Indicates information that has changed from previously issued version.

#### Notice to reader

To the best of our knowledge, the information contained herein is accurate. However, neither the above-named supplier, nor any of its subsidiaries, assumes any liability whatsoever for the accuracy or completeness of the information contained herein.

Final determination of suitability of any material is the sole responsibility of the user. All materials may present unknown hazards and should be used with caution. Although certain hazards are described herein, we cannot guarantee that these are the only hazards that exist.