


Safety Data Sheet

Section 1 - Product Information			
Product Name: BRITE		Supplier:	Intercon Chemical Company
Product Code Number: 0211	Information Phone: 1-314-771-6600		Address: 1100 Central Industrial Drive St. Louis MO 63110
Product use: High acid bowl cleaner	Emergency Contact: CHEMTREC 1-800-424-9300		
Section 2 - Hazard Identification			
GHS Classification: Corrosive to metals: Category 1; Skin Corrosion: Category 1; Eye irritation: Category 2A; Short-term (acute) aquatic hazard: Category 2; Long-term (chronic) aquatic hazard: Category 3			
Section 2.1 - Label Elements			
<p style="text-align: center;">Hazard Pictograms:</p> <div style="text-align: center;">  </div> <p style="text-align: center;">Signal Word: Danger</p> <p style="text-align: center;">Hazard Statements:</p> <p>H290 May be corrosive to metals. H314 Causes severe skin burns and eye damage. H401 Toxic to aquatic life. H412 Harmful to aquatic life with long lasting effects.</p>	<p style="text-align: center;">Precautionary Statements:</p> <p>P234: Keep only in original packaging. P264: Wash skin thoroughly after handling. P273: Avoid release to the environment. P280: Wear protective gloves/ eye protection/ face protection. 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. P304 + P340 + P310: IF INHALED: Remove person to fresh air and keep comfortable for breathing. Immediately call a POISON CENTER/ doctor. P305 + P351 + P338: IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. P337 + P313: If eye irritation persists: Get medical advice/ attention. P363: Wash contaminated before reuse. P390: Absorb spillage to prevent material damage. P405: Store locked up. P501: Dispose of contents/container in accordance with local regulation.</p>		
Section 3 - Composition			
Ingredients	CAS #	Percent w/w	
Hydrochloric Acid (in water)	7647-01-0	10 - 15	
Poly(oxy-1,2-ethanediyl), alpha-(nonylphenyl)-omega-hydroxy-branched	9016-45-9	1 - 2.5	
Quaternary ammonium compounds, di-C8-10-alkyldimethyl, chlorides	68424-95-3	0.5 - 1	
Alkyl (C12-16) dimethylbenzyl ammonium chloride	68424-85-1	0.3 - 0.5	
Section 4 - First Aid Measures			
<p>If inhaled: Move to fresh air. If unconscious, place in recovery position and seek medical advice. If breathing is irregular or stopped, administer artificial respiration. Call a physician or poison control center immediately. Keep respiratory tract clear.</p> <p>In case of skin contact: After contact with skin, wash immediately with plenty of soap and water. Take off contaminated clothing and shoes immediately. Immediate medical treatment is necessary as untreated wounds from corrosion of the skin heal slowly and with difficulty. Take victim immediately to hospital.</p> <p>In case of eye contact: In the case of contact with eyes, rinse immediately with plenty of water and seek medical advice. Remove contact lenses. Protect unharmed eye. Keep eye wide open while rinsing. Continue rinsing eyes during transport to hospital. Small amounts splashed into eyes can cause irreversible tissue damage and blindness.</p> <p>If swallowed: Clean mouth with water and drink afterwards plenty of water. Do NOT induce vomiting. Never give anything by mouth to an unconscious person. Take victim immediately to hospital.</p>			
Section 5 - Fire and Explosion Hazard Data			
Flash Point:	Limits	Extinguishing Media:	Special Fire Fighting Procedures: Heating or fire can release toxic gas. Do not allow run-off from fire fighting to enter drains or water courses. In the event of fire, wear self-contained breathing apparatus. Use PPE.
NE	LEL: NE	Water spray, alcohol-resistant foam, dry chemical DO NOT USE HIGH VOLUME WATER JET FOR EXTINGUISHING FIRE.	UNUSUAL FIRE & EXPLOSION HAZARD: Use water spray to cool unopened containers. Collect contaminated fire extinguishing water separately. This must not be discharged into drains.
	UEL: NE		
Section 6 - Accidental Release Measures			
<p>Use personal protective equipment. Use respirator when performing operations involving potential exposure to vapor of the product. Prevent product from entering drains. Prevent further leakage or spillage if safe to do so.</p> <p>Neutralize with chalk, alkali solution or ammonia. 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.</p> <p>Emergency Response Guidebook Number 153</p>			

Section 7 - Handling and Storage

Take precautionary measures against static discharges.

Avoid formation of aerosol. Do not breathe vapors/dust. Avoid contact with skin and eyes. Smoking, eating, and drinking should be prohibited in the application area.

Provide sufficient air exchange and/or exhaust in work rooms. To avoid spills during handling keep bottle on a metal tray. Dispose of rinse water in accordance with local and national regulations.

Keep container tightly closed and dry. Keep in a well-ventilated place. Containers which are opened must be carefully resealed and kept upright to prevent leakage. Electrical installations / working materials must comply with the technological safety standards. To maintain product quality, do not store in heat or direct sunlight.

Storage temperature: < 60°C.

Further information on storage stability: No decomposition if stored and applied as directed.

Section 8 - Exposure Controls/PPE

Ingredient	OSHA PEL:	ACGIH TLV	PPE		General Hygiene Considerations:
Hydrochloric Acid (in water)	5ppm	2ppm	Respiratory:	In the case of vapor formation use a respirator with an approved filter. Respirator with ABEK filter. Respirator with a vapor filter (EN 141)	Avoid contact with skin, eyes and clothing. When using do not eat or drink. When using do not smoke.
			Eye:	Safety glasses with side-shields conforming to EN166. Wear face-shield and protective suit for abnormal processing problems.	
			Skin:	Choose body protection according to the amount and concentration of the dangerous substance at the work place. Impervious clothing	
			Hand:	Nitrile rubber Wear protective gloves. Break through time : > 480 min	

Section 9 - Physical and Chemical Properties

Appearance	Odor	Odor Threshold	pH	Melting Point	Boiling Point	Evaporation Rate	Flammability	Upper/Lower Flammability Limits	Vapor Pressure
Green Liquid	Mint	NE	< 1	NE	212°F	< 1 (water = 1)	Not Flammable	NA	NE
Vapor Density	Density (lbs/gal)	Specific Gravity	pH(use dil)	Solubility (in water)	Partition Coefficient	Auto Ignition Temperature	Viscosity	Decomposition Temp	
NE	8.7	1.04	2	Complete	NE	NA	thin	NE	

Section 10 - Stability and Reactivity

Stability: Stable under recommended storage conditions.

Hazardous Polymerization: Will not occur.

Incompatibility (Materials to Avoid): Chlorine bleach, metals, strong acids, strong bases, oxidizing agents

Hazardous Decomposition Products: Hydrogen Chloride Gas. No decomposition will occur if used as directed.

Section 11- Toxicological Information

Acute toxicity	
Acute oral toxicity	Remarks: no data available
Acute inhalation toxicity	Remarks: no data available
Acute dermal toxicity	Acute toxicity estimate: > 5,000 mg/kg Method: Calculation method

Skin corrosion/irritation	Test substance: Information given is based on data obtained from similar substances. Remarks: Causes skin burns.
Serious eye damage/eye irritation	Result: Severe eye irritation Test substance: Information given is based on data obtained from similar substances.
Respiratory or skin sensitization	Remarks: no data available
Germ cell mutagenicity	
Genotoxicity in vitro	Remarks: no data available
Carcinogenicity	Remarks: no data available
IARC	No component of this product present at levels greater than or equal to 0.1% is identified as probable, possible or confirmed human carcinogen by IARC.
OSHA	No component of this product present at levels greater than or equal to 0.1% is on OSHA's list of regulated carcinogens.
NTP	No component of this product present at levels greater than or equal to 0.1% is identified as a known or anticipated carcinogen by NTP.
ACGIH	No component of this product present at levels greater than or equal to 0.1% is identified as a carcinogen or potential carcinogen by ACGIH.
Reproductive toxicity	
Effects on fertility	Remarks: no data available
STOT - single exposure	Remarks: no data available
STOT - repeated exposure	Remarks: no data available
Aspiration toxicity	No aspiration toxicity classification
Further information	Remarks: Ingestion may cause nausea, vomiting, sore throat, stomach-ache and eventually lead to a perforation of the intestine.

Section 12 - Ecological Information

Ecotoxicity		Components:
Toxicity to fish	Remarks: no data available	Quaternary ammonium compounds, di-C8-10-alkyldimethyl, chlorides: Partition coefficient: n-octanol/water: log Pow: 2.59 (20 °C) pH: 7
Persistence and degradability	Remarks: no data available	Method: Calculation method
Bioaccumulative potential		Alkyl (C12-16) dimethylbenzyl ammonium chloride:
Bioaccumulation	Remarks: no data available	Partition coefficient: n-octanol/water: log Pow: 2.75 (20 °C) Method: OECD Test Guideline 107 GLP: yes
Mobility in soil		
Distribution among environmental compartments	Remarks: no data available	
Other adverse effects		
Ozone-Depletion Potential	Regulation: US. EPA Clean Air Act (CAA) Section 602 Ozone-Depleting Substances (40 CFR 82, Subpt. A, App A & B) Remarks: This product neither contains, nor was manufactured with a Class I or Class II ODS as defined by the U.S. Clean Air Act Section 602 (40 CFR 82, Subpt. A, App.A + B).	
Additional ecological info.	There is no data available for this product.	
An environmental hazard cannot be excluded in the event of unprofessional handling or disposal. Harmful to aquatic life with long lasting effects.		

Section 13 - Disposal Considerations

Disposal methods	
Waste from residues	Dispose of in accordance with local regulations. Dispose of contents/container in accordance with local regulation. Contact waste disposal services. Do not dispose of waste into sewer. The product should not be allowed to enter drains, water courses or the soil.
Contaminated packaging	Dispose of as unused product. Do not re-use empty containers

Section 14 - Transport Information

UN number	Basic Description (DOT)	Class	Packing Group	LTD QTY
UN1903	Disinfectants, liquid, corrosive, n.o.s.(contains hydrochloric acid)	8	III	5L
UN number	Basic Description (IATA)	Class	Packing Group	LTD QTY
UN1903	Disinfectants, liquid, corrosive, n.o.s.(contains hydrochloric acid)	8	III	1L
UN number	Basic Description (IMDG)	Class	Packing Group	LTD QTY
UN1903	Disinfectants, liquid, corrosive, n.o.s.(contains hydrochloric acid)	8	III	5L

Section 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.

SARA TITLE III (EPCRA) NOTIFICATION: Hydrochloric acid. Subject to the reporting requirements of Section 302, 304, or 313 of Title III of the Superfund Amendments and Reauthorization Act of 1986.

COMPREHENSIVE ENVIRONMENTAL RESPONSE, COMPENSATION, AND LIABILITY ACT (CERCLA) NOTIFICATION: Hydrochloric Acid. Subject to reporting under CERCLA. For more information, consult 40 CFR parts 302, 355, 370, 372, and 40 CFR part 68.

The following chemical(s) are listed as HAP under the U.S. Clean Air Act, Section 112 (40 CFR 61):

Hydrochloric acid (in water), CAS No. 7647-01-0, Concentration >= 10 - < 20 %

Poly(oxy-1,2-ethanediy), alpha-(nonylphenyl)-omega-hydroxy-, branched, CAS No. 9016-45-9, Concentration >= 1 - < 5 %

The following chemical(s) are listed under the U.S. Clean Air Act Section 112(r) for Accidental Release Prevention (40 CFR 68.130, Subpart F):

Hydrochloric acid (in water), CAS No. 7647-01-0, Concentration >= 10 - < 20 %

The following Hazardous Chemicals are listed under the U.S. Clean Water Act, Section 311, Table 117.3:


Hydrochloric acid (in water), CAS No. 7647-01-0, Component RQ 5000lbs

The following Hazardous Substances are listed under the U.S. Clean Water Act, Section 311, Table 116.4A:

Hydrochloric acid (in water), CAS No. 7647-01-0, Concentration >= 10 - < 20 %

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.

Section 16 - Other Information

WHMIS:	E		HMIS: Health - 3	Flam. - 1	R - 0	PPE- C
Date Prepared:	16 Jan 2024		Prepared by:	Director of Technical Services, Research and Development		

The information provided in this Safety Data Sheet is correct to the best of our knowledge and belief at the date of its publication. The information given is designed only as 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 materials or in any process, unless specified in the text.

Legend for Abbreviations: NA - not applicable NE - Not Established