



Safety Data Sheet

Section 1 - Product Information

Product Name: Descaler		Supplier:	Getinge USA, Inc.
Product Code Number: 0445	Information Phone: 1-800-475-9040		Address: 1777 East Henrietta Road Rochester, NY 14623
Product use: Inhibited Acid Descaler	Emergency Contact: CHEMTREC 800-424-9300		

Section 2 - Hazard Identification

<p>GHS Classification: Corrosive to metals - Category 1, Skin Corrosive - Category 1B, Eye Damage - Category 1</p> <p>Signal Word: DANGER</p> <p style="text-align: center;">Hazard Statements</p> <p>Causes severe skin burns and eye damage. May be corrosive to metals.</p> <div style="display: flex; justify-content: space-around; align-items: center;">   </div>	<p style="text-align: center;">Precautionary Statements</p> <p>P234 - Keep only in original packaging. P280 - Wear protective gloves/protective clothing/eye protection/face protection. P264 - Wash thoroughly after handling. P260 - Do not breathe dusts or mist.</p> <p>P303+P361+P353 - IF ON SKIN(or hair): Remove immediately all contaminated clothing. Rinse skin with water. P363-Wash contaminated clothing before reuse.</p> <p>P305+P351+P338 - IF IN EYES: Rinse cautiously with water for several minutes. Remove contacts if present and easy to do. Continue rinsing.</p> <p>P301+P330+P331 - IF SWALLOWED: Rinse mouth, Do NOT induce vomiting.</p> <p>P304-P340 - IF INHALED: Remove to fresh air and keep at rest in a position comfortable for breathing.</p> <p>Immediately call a POISON CENTER or physician.</p> <p>P390 - Absorb spillage to prevent material damage. P406 - Store in a corrosion resistant container or a container with a resistant liner. P405 - Store locked up.</p> <p>P501 - Dispose of contents/container to an approved waste handling facility in accordance with local/regional/national/international regulations.</p>
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Section 3 - Composition

Chemical Name	CAS #	Percent w/w
Hydrochloric Acid	7647-01-0	9.5

Section 4 - First Aid Measures

<p>Skin: Flush with flowing water for 15 minutes or until slippery feeling disappears. See physician.</p> <p>Eyes: Flush with flowing water for 15 minutes. Remove contact lenses if present and easy to do. Continue rinsing. & see physician</p> <p>Ingestion: IF SWALLOWED, rinse mouth, do not induce vomiting, call a POISON CENTER or physician if you feel unwell.</p> <p>Inhalation: IF INHALED: Remove to fresh air and keep at rest in a position comfortable for breathing.</p>
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Section 5 - Fire and Explosion Hazard Data

Flash Point:	Limits	Extinguishing Media:	Special Fire Fighting Procedures: Avoid exposure to fumes or vapors. Wear self-contained positive pressurized breathing apparatus MSHA/NIOSH Approved or equivalent to maintain TLV.
None	<p>LEL: NA</p> <p>UEL: NA</p>	Water spray or fog, foam, dry chemical, carbon dioxide or alcohol foam, if product involved.	UNUSUAL FIRE & EXPLOSION HAZARD: Product will not burn.

Section 6 - Accidental Release Measures

Mop up spills and flush to sewers with plenty of water. Neutralize with sodium bicarbonate. Floors may be slippery, use care to avoid falls.
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Section 7 - Handling and Storage

For institutional and industrial use only. Not intended for consumer use. Store locked up. Store upright in original closed container.
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Section 8 - Exposure Controls/PPE

Ingredient	OSHA PEL:	ACGIH TLV	PPE	Ventilation: Normal room ventilation
Hydrochloric Acid	5ppm	2ppm	Respiratory: not normally required	General Hygiene Considerations: Handle in accordance with good industrial hygiene and safety practices. Provide suitable facilities for quick drenching or flushing of the eyes and body in case of contact or splash hazard.
			Eye: safety glasses, face shield	
			Skin: Apron, acid proof gloves	

Section 9 - Physical and Chemical Properties

Appearance	Odor	Odor Threshold	pH	Melting Point	Boiling Point	Evaporation Rate	Flammability	Upper/Lower Flammability Limits	Vapor Pressure
Colorless liq.	Acidic	NE	< 1	NE	212°F	>1 (water =1)	NA	NA	17mm Hg
Vapor Density	Density	Specific Gravity	pH(use dil)	Solubility	Partition Coefficient	Auto Ignition Temp	Decomposit Ion Temp	Viscosity	
0.62(air =1)	12.6	1.51	2	100% in water	NE	NA	NA	Water Like	

Section 10 - Stability and Reactivity

Product is stable, hazardous polymerization will not occur.
 Incompatible with strong oxidizing agents and strong alkalis. If burned, normal combustion products: Carbon Dioxide, Carbon Monoxide, Nitrous Oxides.

Section 11- Toxicological Information

Ingredient	Acute Toxicity (oral LD50) Rat	Acute Toxicity (derm. LD50) Rabbit	Eye	Carcinogen	Mutagen	Reproduct. Toxicity	STOST* -Single Exposure	STOST Repeated Exposure
Hydrochloric Acid	900mg/kg	Not avail.	Corrosive	Not listed	No info	No info	No info	No info
All Combined	2256mg/kg	NE	Corrosive	NE	NE	NE	NE	NE

Other:

Section 12 - Ecological Information

No information available

Section 13 - Disposal Considerations

Products covered by this SDS, in their original form, are considered corrosive waste(waste code - D002) according to RCRA (40 CFR 261). Dispose of in accordance with applicable Federal, State and Local regulations.

Section 14 - Transport Information

UN number	Basic Description(DOT, TDG)	Class	Packing Group	LTD QTY
UN3264	Corrosive liquid, acidic, inorganic, n.o.s(contains hydrochloric acid)	8	II	< 1 Liter

Section 15 - Regulatory Information

SARA Title 3: Hydrochloric acid. Reportable under sections 313 and 6607 Pollution Prevention Act

CERCLA: Hydrochloric Acid. For more information consult 40 CFR parts 302, 355, 370, 372, and 40 CFR part 68

Section 16 - Other Information

Date Prepared: 03-28-2017		HMIS:	Health: 3	Flam: 0	Physical: 0	PPE: C
Prepared by: Environmental, Health and Safety Administrator.						

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 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

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Manufacturer: Intercon Chemical Co., 1100 Central Industrial Dr., St. Louis, MO 63110

Sales Office: Getinge, 1777 East Henrietta Road, Rochester, NY 14623