

Safety Data Sheet

Section 1 - Product Information					
Product Name: 3X SR3			Supplier: DirectLine Industries		
		Information Phone: 866-773-6136		Address: P.O. Box 15133 St. Louis, MO 63110	
Product use:	Acidic Scale Remover	Emergency Contact: 888-255-3924 (CHEM-TEL)			
Section 2 - Hazard Identification					
GHS Classification: Skin Corrosion; Category 1B, Eye corrosive; Category 1, Acute toxicity(inhalation);Category 3, Specific Target Organ Toxicity-single exposure, Category 3					
Section 2.1 - Label Elements					
Hazard Pictograms		Precautionary Statements:			
 		Wear protective gloves and eye protection. Wash thoroughly after handling. Avoid breathing mist or spray. IF ON SKIN(or hair): Remove immediately all contaminated clothing. Rinse skin with water. Wash contaminated clothing before reuse. IF IN EYES: Rinse cautiously with water for several minutes. Remove contacts if present and easy to do. Continue rinsing. IF SWALLOWED: Rinse mouth, Do NOT induce vomiting. IF INHALED: Remove to fresh air and keep at rest position comfortable for breathing. Immediately call a POISON CENTER or physician.			
Signal Word: Danger					
Hazard Statements: Causes severe skin burns and eye damage. Toxic if inhaled. May cause respiratory irritation.					
Section 3 - Composition					
Chemical Name		CAS #		Percent w/w	
Hydrogen Chloride		7647-01-0		15	
Section 4 - First Aid Measures					
IF ON SKIN(or hair): Remove immediately all contaminated clothing. Rinse skin with water. Wash contaminated clothing before reuse.					
IF IN EYES: Rinse cautiously with water for several minutes. Remove contacts if present and easy to do. Continue rinsing.					
IF SWALLOWED: Rinse mouth, Do NOT induce vomiting.					
IF INHALED: Remove to fresh air and keep at rest position comfortable for breathing.					
Immediately call a POISON CENTER or physician.					
Section 5 - Fire and Explosion Hazard Data					
Flash Point:	Limits		Extinguishing Media:		Special Fire Fighting Procedures:
none	LEL	NA	Water spray or fog, foam, dry chemical, carbon dioxide or alcohol foam, if product involved.		Avoid exposure to fumes or vapors. Wear self-contained positive pressurized breathing apparatus MSHA/NIOSH Approved or equivalent to maintain TLV. UNUSUAL FIRE & EXPLOSION HAZARD: Product will not burn.
	UEL	NA			
Section 6 - Accidental Release Measures					
Prevent spillage from entering drains. Any release to the environment may be subject to federal or local reporting requirements. Neutralize with sodium bicarbonate or lime. Absorb spill with non combustible absorbent and place in a suitable container for disposal. Clean area with plenty of water to remove any residue. Dispose of waste in accordance with local, state and federal regulations.					
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.					
Section 8 - Exposure Controls/PPE					
Ingredient	OSHA PEL:	ACGIH TLV	PPE		General Hygiene Considerations:
Hydrogen Chloride	5ppm	2ppm	Respiratory:	not normally required	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	
			Ventilation:	Normal Room ventilation	

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 (lbs/gal)	Specific Gravity	pH(use dil)	Solubility	Partition coefficient	Auto Ignition temp	Decomposition Temp	Viscosity	
0.62(air =1)	8.85	1.06	1	100% in water	NE	NA	NA	2500-6500cps	

Section 10 - Stability and Reactivity

Product is stable, hazardous polymerization will not occur. Incompatible with metals, oxidizing agents, strong alkalis and organic material. Hazardous Decomposition Products: Hydrogen Chloride gas. 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	Skin and Eye	Carcinogen	Mutagen	Reproduct. Toxicity	STOST -single Exposure	STOST Repeated exposure
Hydrogen Chloride	900mg/kg	>5110mg/kg	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)	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: Does not contain reportable chemicals under sections 302, 304, or 313 of Title III of the Superfund amendments and Reauthorization Act of 1986.

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

Section 16 - Other Information

WHMIS:	E		HMIS: Health - 3	Flam. - 0	R - 0	PPE- C
Date Prepared: 03-23-2015	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