


Safety Data Sheet

| Section 1 - Product Information | | | |
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| Product Name: Scale X-Treme | | Supplier: | Intercon Chemical Company |
| Product Code Number: 0450 | Information Phone: 1-314-771-6600 | | Address: 1100 Central Industrial Drive St. Louis, MO 63110 |
| Product use: Heavy Duty Delimer | Emergency Contact: CHEMTREC 1-800-424-9300 | | |
| Section 2 - Hazard Identification | | | |
| GHS Classification: Corrosive To Metals (Category 1), Skin Corrosion/Irritation (Category 1), Serious Eye Damage/Eye Irritation (Category 1), Specific Target Organ Toxicity-Single Exposure-Respiratory Tract Irritation (Category 3) | | | |
| Section 2.1 - Label Elements | | | |
| Hazard Pictograms  | Precautionary Statements: | | |
| Signal Word: Danger | P234: Keep only in original container. P260: Do not breathe dust/fume/gas/mist/vapors/spray. P264: Wash hands thoroughly after handling. P271: Use only outdoors or in a well-ventilated area. P280: Wear protective gloves/protective clothing/eye protection/face protection P301+P330+P331: IF SWALLOWED: Rinse mouth. Do NOT induce vomiting. P302+P361+P354: IF ON SKIN: Take off Immediately all contaminated clothing. Immediately rinse with water for several minutes. P363: Wash contaminated clothing before reuse. P304+P340: IF INHALED: Remove person to fresh air and keep comfortable for breathing. P316: Get emergency medical help immediately. P305+P354+P338: IF IN EYES: Immediately rinse with water for several minutes. Remove contact lenses if present and easy to do. Continue rinsing. P319: Get medical help if you feel unwell. P321: For specific treatment, see first aid measures on SDS. P390: Absorb spillage to prevent material damage. P403+P233: Store in a well-ventilated place. Keep container tightly closed. P405: Store locked up. P501: Dispose of contents/container in accordance with local/regional/national/ international regulations. | | |
| Hazard Statements: H290: May be corrosive to metals H314: Causes severe skin burns and eye damage H335: May cause respiratory irritation | | | |
| Section 3 - Composition | | | |
| Chemical Name | CAS # | Percent w/w | |
| Phosphoric Acid | 7664-38-2 | 15 | |
| Hydrochloric Acid | 7647-01-0 | 1.2 - 4.0 | |
| Section 4 - First Aid Measures | | | |
| IF ON SKIN(or hair): Remove immediately all contaminated clothing. Flush with flowing water for at least 15 minutes or until slippery feeling disappears. Get medical attention for any burns that may occur. Wash contaminated clothing before reuse. | | | |
| IF IN EYES: Rinse cautiously with water for at least 15 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: Avoid exposure to fumes or vapors. |
| None | LEL: NA UEL: NA | Water spray or fog, foam, dry chemical, carbon dioxide or alcohol foam, if product involved. | Wear self-contained positive pressurized breathing apparatus MSHA/NIOSH Approved or equivalent to maintain TLV. UNUSUAL FIRE & EXPLOSION HAZARD: Product will not burn. |
| Section 6 - Accidental Release Measures | | | |
| Use personal protection recommended in Section 8. Isolate the hazard area and deny entry to unnecessary and unprotected personnel. Stop leak if safe to do so. Mop up spills and flush to sewers with plenty of water. Neutralize with sodium bicarbonate. Floors may be slippery, use care to avoid falls. | | | |
| Section 7 - Handling and Storage | | | |
| Do not get in eyes, on skin, or on clothing. Avoid breathing dust/fume/gas/mist/vapours/spray. Handle and open container with care. Do not eat, drink or smoke when using this product. Launder contaminated clothing before reuse. Wash hands before eating, drinking, or smoking. Store locked up. Store upright in original closed container. | | | |

| Section 8 - Exposure Controls/PPE | | | | | | | | | |
|--|--|------------------------------------|------------------|-----------------------------|---|---|------------------------|---------------------------------|----------------|
| Ingredient | OSHA PEL: | ACGIH TLV | PPE | | | General Hygiene Considerations: | | | |
| Phosphoric Acid | 1mg/m ³ | 1mg/m ³ | 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. | | | |
| Hydrochloric Acid | 7mg/m ³ | 2.97mg/m ³ | 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 |
| Clear | 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 | Viscosity | Decomposition Temp | |
| 0.62(air =1) | 9.17 | 1.102 | < 2 | 100% in water | NE | NA | 0 | NE | |
| *Since no dye is added to this product, color variations will occur due to differences in raw material and age of the product. | | | | | | | | | |
| Section 10 - Stability and Reactivity | | | | | | | | | |
| Product is stable, hazardous polymerization will not occur. Incompatible with strong alkalis and cyanides. 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 | |
| Phosphoric Acid | 1,316 mg/kg | 2,884 mg/kg | corrosive | not listed | no info | no info | no information | no info | |
| Hydrochloric Acid | 237-277 mg/kg | 1,449 mg/kg | corrosive | not listed | no info | no info | irritant | no info | |
| Section 12 - Ecological Information | | | | | Section 13 - Disposal Considerations | | | | |
| Fish toxicity not available. Biodegradability not available. Toxic to aquatic life through a drop in pH to toxic levels. | | | | | Products covered by this SDS, in their original form, are considered corrosive waste(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 | |
| UN 3264 | Corrosive liquid, acidic, inorganic, n.o.s (contains phosphoric acid, hydrochloric acid) | | | | | 8 | II | < 1 Liter | |
| UN Number | Basic Description(IATA) | | | | | Class | Packing Group | LTD QTY | |
| UN 3624 | Corrosive liquid, acidic, inorganic, n.o.s (contains phosphoric acid, hydrochloric acid) | | | | | 8 | II | < 0.1 Liter | |
| UN Number | Basic Description(IMDG) | | | | | Class | Packing Group | LTD QTY | |
| UN3264 | Corrosive liquid, acidic, inorganic, n.o.s (contains phosphoric acid, hydrochloric acid) | | | | | 8 | II | < 1 Liter | |
| Section 15 - Regulatory Information | | | | | | | | | |
| SARA Title 3: Hydrochloric acid. For more information consult sections 302, 304, or 313 of Title III of the Superfund amendments and Reauthorization Act of 1986. | | | | | | | | | |
| CERCLA: Hydrochloric acid (RQ = 5,000 lbs). Phosphoric acid (RQ = 5,000 lbs). For more information consult 40 CFR parts 302, 355, 370, 372, and 40 CFR part 68 | | | | | | | | | |
| California Prop 65 | This product does not contain any chemicals known to the State of California to cause cancer, birth defects, or any other reproductive harm. | | | | | | | | |
| Section 16 - Other Information | | | | | | | | | |
| | | | HMIS: Health - 3 | Flam. - 0 | R - 0 | PPE- D | | | |
| Date Prepared: 14 Feb 2023 | Prepared by: Environmental, Health and Safety Administrator. | | | | | | | | |
| 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 | | | | | | | | | |