Safety Data Sheet

Section 1 - Product Information

Product Name: Ever Bright		**Supplier:**	Intercon Chemical Company
Product Code Number: 8403	**Information Phone:** 314-771-6600	**Address:**	1170 Central Industrial Dr
Product use: Instrument brightener/descaler	**Emergency Contact:** CHEMTREC 1-800-424-9300		St. Louis, MO 63110

Section 2 - Hazard Identification

GHS Classification: Skin Corrosion/Irritation - Category 1B, Eye Corrosion/Irritation - Category 1

Section 2.1 - Label Elements

Hazard Pictograms:

Signal Word: Danger

Hazard Statements:

H314 - Causes severe skin burns and eye damage.

Precautionary Statements:

P260 - Do not breathe dust/fume/gas/mist/vapours/spray.
P264+P265 - Wash thoroughly after handling. Do not touch eyes.
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.
P321 - For specific treatment, see Section 4 of this SDS.
P305+P354+P338 - IF IN EYES: Immediately rinse with water for several minutes. Remove contacts if present and easy to do. Continue rinsing.
P405 - Store locked up.
P501 - Dispose of contents/container in accordance with local/regional/national/international regulations.

Section 3 - Composition

Chemical Name	CAS #	Percent w/w
Citric Acid	77-92-9	12 - 18
Hydroxyacetic Acid	79-14-1	12 - 18

Section 4 - First Aid Measures

IF ON SKIN: Take off immediately all contaminated clothing. Immediately rinse with water for at least 15 minutes. Wash contaminated clothing before reuse. Get emergency medical help immediately.

IF SWALLOWED: Rinse mouth. Do NOT induce vomiting. Get emergency medical help immediately.

IF IN EYES: Immediately rinse with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Get emegency medical help immediately.

IF INHALED: Remove person to fresh air and keep comfortable for breathing. Get medical help if irritation occurs.

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. UNUSUAL FIRE & EXPLOSION HAZARD: None. Product will not burn.
none	**LEL:** NA	Water spray or fog, foam, dry chemical, carbon dioxide or alcohol foam, if product involved.	
	UEL: NA		

Section 6 - Accidental Release Measures

Don appropriate PPE. For small spills, mop up and flush to sewers with plenty of water. For large spills, neutralize with sodium bicarbonate and flush to sewers with plenty of water. Floors may be slippery, use care to avoid falls.

Section 7 - Handling and Storage

For institutional and industrial use only. Don appropriate PPE. 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
Citric acid	NA	NA	**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.
Hydroxyacetic acid	10 mg/m^3	10 mg/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
Colorless to pale yellow	mild acidic	NE	< 4	NE	212ºF	>1(water =1)	NA	NA	17mm Hg
Vapor Density	**Density**	**Specific Gravity**	**pH (Use Dilution)**	**Solubility**	**Partition Coefficient**	**Auto Ignition Temp**	**Viscosity**	**Decomposition Temp**	
0.62(air =1)	9.08	1.09	NA	100% in water	NE	NA	Thin	NE	

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

Ingredients	Acute Toxicity (Oral LD50) Rat	Acute Toxicity (Derm. LD50) Rabbit	Eye and Skin	Carcinogen	Mutagen	Reproductive Toxicity	STOT - Single Exposure	STOT - Repeated Exposure
Citric acid	6,730 mg/kg	330 mg/kg	Corrosive	None	NE	None	Resp. Tract Irritation	NA
Hydroxyacetic acid	2,040 mg/kg	> 5,000 mg/kg	Corrosive	NA	NE	NE	NE	NE

Section 12 - Ecological Information

Mixture is not toxic when heavily diluted.

Citric Acid: Not classified as envoronmentally hazardous.

Hydroxyacetic Acid: Fish: LC50 96hr - *Pimephales promelas* (flathead minnow), 164 mg/L. Algae: ErC50 72 hr - *Pseudokirchneriella subcapitata* (green algae), 44 mg/L. Invertebrates: EC50 48 hr - *Daphnia magna* (water flea), 141 mg/L.

Section 13 - Disposal Considerations

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
UN3265	Corrosive liquid, acidic, organic, n.o.s(contains hydroxyacetic acid)	8	II	< 1.0 L
UN number	**Basic Description (IATA)**	**Class**	**Packing Group**	**LTD QTY**
UN3265	Corrosive liquid, acidic, organic, n.o.s(contains hydroxyacetic acid)	8	II	< 0.1 L
UN number	**Basic Description (IMDG)**	**Class**	**Packing Group**	**LTD QTY**
UN3265	Corrosive liquid, acidic, organic, n.o.s(contains hydroxyacetic acid)	8	II	< 1.0 L

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: Hydroxyacetic Acid [RQ=5,000 lbs]. For more information consult 40 CFR parts 302, 355, 370, 372, and 40 CFR part 68

WARNING: This product can expose you to chemicals including dichloroacetic acid (CAS# 79-43-6), which is known to the State of California to cause cancer, birth defects, or other reproductive harm. For more information go to www.P65Warnings.ca.gov.

Section 16 - Other Information

		HMIS:	**Health - 2**	**Flam. - 0**	**Reactivity - 0**	**PPE - C**
Date Prepared: 08 May 2025		**Prepared by:** Director of Technical Service, Research and Development			

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: GHS - Globally Harmonized System; CAS - Chemical Abstracts Service; NA - Not Applicable; MSHA - Mine Safety and Health Administration; NIOSH - National Institute for Occupational Safety and Health; TLV - threshold limit value; PPE - personal protection equipment; OSHA - Occupational Safety and Health Administration; PEL - Permissable Exposure Limit; ACGIH - American Conference of Governmental and Industrial Hygienists; NE - Not Established; STOT - Specific Target Organ Toxicity; HMIS - Hazard Materials Identification System