

Safety Data Sheet


Section 1 - Product Information

Product Name: silver-mate		Supplier:	Intercon Chemical Company
Product Code Number: 0172	Information Phone: 1-314-771-6600		Address: 1100 Central Industrial Drive St. Louis MO 63110
Product use: Silver presoak and destainer	Emergency Contact: CHEMTREC 1-800-424-9300		

Section 2 - Hazard Identification

GHS classification eye irritant(category 2A)

Section 2.1 - Label Elements

<p style="text-align: center;">Hazard Pictograms</p> <div style="text-align: center;">  </div>	<p style="text-align: center;">Precautionary Statements:</p> <p>IF IN EYES: Rinse cautiously with water for several minutes. Remove contacts if present and easy to do. Continue rinsing. If irritation persists get medical advice. If skin irritation occurs get medical advice. Wash hands after handling.</p>
Signal Word: Warning	
<p>Hazard Statements:</p> <p>Causes serious eye irritation.</p>	

Section 3 - Composition

Chemical Name	CAS #	Percent w/w
Sodium Chloride	7647-14-5	50
Sodium Carbonate	497-19-8	30
Sodium Sulfate	7757-82-6	10

Section 4 - First Aid Measures

Skin: Wash off with soap and plenty of water. If irritation occurs consult a physician

IF IN EYES: Rinse cautiously with water for several minutes. Remove contacts if present and easy to do. Continue rinsing. If irritation persists get medical advice.

Inhalation: Move person into fresh air. If not breathing, give artificial respiration. Consult a physician

Ingestion: Rinse mouth with water. Give milk or water to dilute material. Contact a POISON center or physician if you feel unwell. Never give anything by mouth to an unconscious person.

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: Product will not burn.
NONE	LEL: NA UEL: NA	Water spray or fog, foam, dry chemical, carbon dioxide or alcohol foam, if product involved.	

Section 6 - Accidental Release Measures

Sweep up spills and dispose of in suitable containers

Section 7 - Handling and Storage

Store upright in original closed container.

Section 8 - Exposure Controls/PPE

Ingredient	OSHA PEL:	ACGIH TLV	PPE	General Hygiene Considerations:
Sodium Carbonate	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.
Sodium Chloride	NA	NA	Eye: Safety glasses	
Sodium Sulfate	NE	NE	Skin: Chemical resistant 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
purple powder	pleasant	NE	NA	NE	NE	>1(water =1)	NA	NA	NA
Vapor Density	Density	Specific Gravity	pH(use dil)	Solubility	Partition coefficient	Auto Ignition temp	Viscosity	Decomposition Temp	
NA	NA	NA	10	Appreciable	NE	NA	NA	NA	

Section 10 - Stability and Reactivity

Product is stable. Hazardous polymerization will not occur. Incompatible with strong acids. Emits chlorine and sodium oxides at very high temperatures.(above 1400°C)

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
Sodium Carbonate	2800mg/kg	>2000mg/kg	eye irritant	no	no	none	none	none
Sodium Chloride	3000mg/kg	NE	irritant	no	no	none	none	none
Sodium Sulfate	5989mg/kg	NE	irritant	no	no	none	none	none

Other:

Section 12 - Ecological Information

No information available

Section 13 - Disposal Considerations

This product in its original form is not considered a hazardous waste according to RCRA. Dispose of in accordance with local, state and federal regulations.

Section 14 - Transport Information

UN number	Basic Description(DOT)	Class	Packing Group	LTD QTY
	Not Regulated			

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

Section 16 - Other Information

WHMIS:		HMIS: Health - 2	Flam. - 0	R - 0	PPE- B
Date Prepared: 05-07-2015	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