Safety Data Sheet

Section 1 - Product Information

Product Name: Screen-mate		**Supplier**:	Intercon Chemical Company
Product Code Number: 0113	**Information Phone**: 1-314-771-6600	**Address**:	1100 Central Industrial Drive
Product use: Alkaine Detergent	**Emergency Contact:** CHEMTREC 1-800-424-9300		St. Louis, MO 63110

Section 2 - Hazard Identification

GHS Classification: Skin Corrosion (Category 1B), Eye Corrosive (Category 1), Corrosive To Metals (Category 1), Oral Toxicity (Category 4)

Section 2.1 - Label Elements

Hazard Pictograms

Signal Word: Danger

Hazard Statements:

H290: May be corrosive to metals.
H302: Harmful if swallowed.
H314: Causes severe skin burns and eye damage.

Precautionary Statements:

P234: Keep only in original container.
P260: Do not breathe dust/fume/gas/mist/vapors/spray.
P264: Wash hands thoroughly after handling.
P270: Do not eat, drink or smoke when using this product.
P280: Wear protective gloves/protective clothing/eye protection/face protection
P301+P330+P331+P317: IF SWALLOWED: Rinse mouth. Do NOT induce vomiting. Get emergency medical help.
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: Specific treatment see section 4.
P305+P354+P338: IF IN EYES: Immediately rinse with water for several minutes. Remove contact lenses if present and easy to do. Continue rinsing.
P390: Absorb spillage to prevent material damage.
P405: Store locked up.
P406: Store in corrosive resistant container with a resistant inner liner.
P501: Dispose of contents/container in accordance with local/regional/national/international regulations(to be specified).

Section 3 - Composition

Chemical Name	CAS #	Percent w/w
Sodium Hydroxide	1310-73-2	28.0 - 32.0
Sodim Carbonate	497-19-8	28.0 - 32.0
Sodium Tripolyphosphate	7758-29-4	11.0 - 14.0
Sodium Metasilicate	6834-92-0	12.0 - 16.0

Section 4 - First Aid Measures

IF ON SKIN: 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: Flush with flowing 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.

Section 5 - Fire and Explosion Hazard Data

Flash Point:	Limits	Extinguishing Media:	
none	**LEL: NA**	Water spray or fog, foam, dry chemical, carbon dioxide or alcohol foam, if product involved.	**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.
	UEL: NA		

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. Contain and/or absorb spill with inert material (e.g. sand, vermiculite), then place in a suitable container. Do not flush to sewer or allow to enter waterways. Use appropriate Personal Protective Equipment (PPE). Scoop up material and place in a disposal container. Absorb spillage to prevent material damage. See section 13 for advice on waste disposal.

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 in corrosive resistant container with a resistant inner liner. Store upright in original closed container.

Section 8 - Exposure Controls/PPE

Ingredient	OSHA PEL:	ACGIH TLV	PPE		General Hygiene Considerations:
Sodium Hydroxide	2 mg/m^3	2 mg/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.
Sodium Tripolyphosphate	15 mg/m^3	15 mg/m^3	Eye:	safety glasses, face shield	
Sodium Metasilicate	2 mg/m^3	2 mg/m^3	Skin:	Apron, alkali 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
White powder	None	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	14	>10%	NE	NA	NA	NE	

Section 10 - Stability and Reactivity

Product is stable, hazardous polymerization will not occur. Incompatible with strong acids and ammonia. 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
Sodium Hydroxide	200 mg/kg	1350mg/kg	Category 1	Not listed	No info	No info	No info	No info
Sodium Carbonate	2800 mg/kg	>2000 mg/kg	Eye Cat. 2	Not listed	No info	No info	No info	No info
Sodium Tripolyphosphate	>5000 mg/kg	>7000 mg/kg	Eye Cat. 2	Not listed	No info	No info	No info	No info
Sodium Metasilicate	>1500 mg/kg	NE	Category 1	Not listed	No info	No info	No info	No info

Section 12 - Ecological Information

Fish toxicity not available. Biodegradability not available. Toxic to aquatic life through a raise in pH to toxic levels.

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). Do not allow this material to drain into sewers/water supplies. 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
UN3262	Corrosive solid, basic, inorganic, n.o.s(Contains sodium hydroxide)	8	III	25 kg
UN number	**Basic Description(IATA)**	**Class**	**Packing Group**	**LTD QTY**
UN3262	Corrosive solid, basic, inorganic, n.o.s(Contains sodium hydroxide)	8	III	5 kg
UN number	**Basic Description(IMDG)**	**Class**	**Packing Group**	**LTD QTY**
UN3262	Corrosive solid, basic, inorganic, n.o.s(Contains sodium hydroxide)	8	III	5 kg

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: Sodium Hydroxide (RQ = 1,000 lbs). For more information consult 40 CFR parts 302, 355, 370, 372, and 40 CFR part 68

Warning: This product can expose you to 1,4-Dioxane (CAS# 123-91-1), Acetaldehyde (CAS# 75-07-0), Ethylene Glycol (CAS# 107-21-1), Ethylene Oxide (CAS# 75-21-8), Lead (CAS# 7439-92-1),Mercury (CAS# 7439-97-6), Nickel (CAS# 7440-02-0), and Propylene Oxide (CAS# 75-56-9) which is known to the State of California to cause cancer and/or birth defects or other reproductive harm. For more information go to www.P65warnings.ca.gov

Section 16 - Other Information

		HMIS:	**Health - 3**	**Flam. - 0**	**R - 1**	**PPE- D**
Date Prepared: 26 Jul 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