

**SECTION 1 – PRODUCT IDENTIFICATION**

**Product Name:** Sklar Instru-Guard™ One-Step  
**Supplier:** Sklar Instruments  
**Physical Address:** 889 South Matlack Street, West Chester, PA, USA, 19382  
**Tel:** 610.430.3200  
**Fax (USA):** 610.696.9007  
**Fax (International):** 610.430.3941  
**Email (USA):** surgi@sklarcorp.com  
**Email (International):** international@sklarcorp.com  
**Product Description:** Concentrated, aqueous alkaline solution.

Ratings	NFPA	HMIS
Health	2	2
Fire	0	0
Reactivity	0	1

**SECTION 2 – HAZARD(S) IDENTIFICATION**

**Main Hazard:** May cause irritation or burning.

**Primary Route of Entry:** Skin, mouth and eyes.

**Reproduction Hazard:** Not Applicable

**Potential Health Effects:** Signs and Symptoms of Exposure:

**Eyes:** Will cause burning if contact with eye(s) occurs. Degree of burn depends upon duration of contact.

**Skin:** Will irritate and burn the skin. Severity of irritation depends upon duration of contact. Rinsing contact area immediately, with water, will dramatically reduce irritation.

**Ingestion:** Harmful if swallowed. May cause burning.

**Inhalation:** May cause headache, nausea, irritation of nose, throat and lungs.

**SECTION 3 – COMPOSITION/INFORMATION ON INGREDIENTS**

Ingredient	% wt	OSHA TWA/STEL	ACGIH TLV	NIOSH REL	OSHA PEL
Potassium Hydroxide	<3%	Not Established	2 mg/m3 Ceiling	2 mg/m3 Ceiling	Not Established
Sodium Metasilicate	<2%	Not Established	Not Established	Not Established	Not Established
Methanol	<2%		200ppm TWA; 250ppm STEL (Skin)	200ppm TWA (Skin); 250ppm STEL (Skin)	200ppm (260 mg/m3)

**SECTION 4 – FIRST AID PROCEDURES**

**Eyes:** Following eye contact, flush eyes immediately with plenty of water, for fifteen minutes. Assure adequate flushing of the eyes by separating the eyelids with fingers. Get medical attention if irritation occurs.

**Skin:** Following skin contact, wash area at once with plenty of water for fifteen minutes. Rinsing promptly with water, will reduce irritation considerably.

**Ingestion:** If swallowed wash mouth out immediately with water, provided person is conscious. Give victim a glass of water. Never give anything by mouth to an unconscious person. **Do not induce vomiting.** Get medical attention immediately.

**Inhalation:** Move victim to fresh air if irritation occurs. Get medical attention.

**SECTION 5 – FIRE FIGHTING MEASURES**

**Extinguishing Media:** Use water spray, carbon dioxide, dry chemical powder or appropriate foam.

**Special Hazards:** Could release hydrogen gas, carbon monoxide and carbon dioxide.

**Fire Fighting Procedures:** Use self contained breathing apparatus.

**SECTION 6 – ACCIDENTAL RELEASE MEASURES**

**Environmental Precautions: Steps to be taken in the event of spills, leaks or release:**

**Small Spills:** Add inert absorbent, sweep up, and place the material in plastic drums approved for disposal.

**Large Spills:** Dike to contain and pump into drums approved for disposal. Follow all local, state and federal environmental regulations.

**SECTION 7 – HANDLING & STORAGE**

**Suitable Handling Material:** Handle with care and avoid unnecessary personal contact. Avoid contact with eyes and prolonged or repeated skin contact. Avoid continuous breathing of vapor. Wash thoroughly after handling.

**Storage Precautions:** Keep container tightly closed when not in use and during transport. Store at room temperature.

**Materials or Conditions to avoid:** Do not mix with strong acids such as Hydrochloric acid and Sulfuric acid. (Heat can develop)  
Do not mix with any other products.

**SECTION 8 – EXPOSURE CONTROLS/PERSONAL PROTECTION****Personal Protection:**

**General:** Protect from clothing by wearing coveralls.

**Eye:** In cases where there is likelihood of eye contact, wear chemical goggles.

**Skin:** Wear impervious gloves as a standard handling practice.

**SECTION 9 – PHYSICAL & CHEMICAL PROPERTIES**

**Appearance:** Not Applicable

**Physical State:** Not Applicable

**Odor:** Not Applicable

**pH:** 12.40

**Boiling Point:** Not Applicable

**Melting Point:** Not Applicable

**Flash Point:** Not Applicable

**Flammability:** Not Applicable

**Autoflammability:** Not Applicable

**Explosive Properties:** Not Applicable

**Vapor Pressure:** Not Applicable

**Specific Gravity:** 1.03 (water =1.00)

**Neurotoxicity:** Not Applicable

**Solubility in water:** Soluble

**SECTION 10 – STABILITY & REACTIVITY**

**General Stability Considerations:** Product is stable.

**Incompatible Materials:** Do not mix with strong acids such as Hydrochloric acid and Sulfuric acid. (Heat can develop) Do not mix with any other products.

**Hazardous Decomposition Products:** Could release hydrogen gas, carbon monoxide and carbon dioxide.

**Hazardous Polymerization:** Will not occur.

**SECTION 11 – TOXICOLOGICAL INFORMATION**

**Acute Toxicity:** No data available.

**Skin & Eye Irritation:** No data available.

**Chronic Toxicity:** No data available.

**Carcinogenicity:** No data available.

**Mutagenicity:** No data available.

**Reproductive Hazards:** No data available.

**SECTION 12 – ECOLOGICAL INFORMATION**

**Ecotoxicity (Fish, Daphnia & Algae):** No ecological data has been established.

**SECTION 13 – DISPOSAL CONSIDERATIONS**

**Disposal Methods:** Dispose of in accordance with all local, state and federal environmental regulations.

**SECTION 14 – TRANSPORT INFORMATION**

**UN No.:** 3266

**Proper Shipping Name:** Corrosive liquid, basic, inorganic, n.o.s. (Potassium Hydroxide), III, EmS F-A, S-B

**Class:** 8

**SECTION 15 – REGULATORY INFORMATION**

None

**SECTION 16 – OTHER INFORMATION**

None

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