

Material Safety Data Sheet

SKLAR INSTRU-GUARD ONE STEP

Identity (Trade Name As Used On Label)

Sklar Instruments

Distributor

889 South Matlack Street

Address

West Chester, PA 19382

610-430-3200

Phone Number (For Information)

Chem-Tel, Inc. 1-800-255-3924

Emergency Phone Number

Telex*

N/A

MSDS Number*

N/A

CAS Number*

May 20, 2003

Date Prepared

Sklar Instruments

Prepared By:

Note: Blank spaces are not permitted. If any item is not applicable, or no information is available, the space must be marked to indicate that.

SECTION 1 - MATERIAL IDENTIFICATION AND INFORMATION

COMPONENTS—Chemical Name & Common Names (Hazardous Components 1% or greater; Carcinogens 0.1% or greater)	% 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	< 4		200 ppm TWA; 250ppm STEL (skin)	200 ppm TWA (skin); 250ppm STEL(skin)	200 ppm (260 mg/m3)
Total					

SECTION 2 - PHYSICAL/CHEMICAL CHARACTERISTICS

Boiling Point	N/A	Specific Gravity (H2O = 1)	1.03
Vapor Pressure (mm Hg and Temperature)	N/A	Melting Point	N/A
Vapor Density (Air = 1)	N/A	Evaporation Rate (_____ = 1)	N/A
Solubility in Water	Soluble	Water Reactive	N/A
		pH as is	12.40
Appearance and Odor	Clear, green colored liquid. Slight soap type scent.		

SECTION 3 - FIRE AND EXPLOSION HAZARD DATA

Flash Point and Method Used	N/A	Auto-Ignition Temperature	N/A	Flammability Limits in Air % by Volume	N/A	LEL	N/A	UEL	N/A
Extinguisher Media	Use water spray, carbon dioxide, dry chemical powder or appropriate foam.								
Special Fire Fighting Procedures	Use self contained breathing apparatus.								
Unusual Fire and Explosion Hazards	Could release hydrogen gas, carbon monoxide and carbon dioxide								

SECTION 4 - REACTIVITY HAZARD DATA**SKLAR INSTRU-GUARD ONE STEP****STABILITY**

-
- Stable
-
-
- Unstable

Conditions
To Avoid

N/A

Incompatibility
(Materials 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.**Hazardous
Decomposition Products**Could release hydrogen gas, carbon monoxide and carbon dioxide.****HAZARDOUS POLYMERIZATION**

-
- May Occur
-
-
- Will Not Occur

Conditions
To Avoid

N/A

SECTION 5 - HEALTH HAZARD DATA**PRIMARY ROUTES
OF ENTRY**

-
- Inhalation
-
-
- Skin Absorption
-
-
- Ingestion
-
-
- Not Hazardous

**CARCINOGEN
LISTED IN**

-
- NTP
-
-
- IARC Monograph
-
-
- OSHA
-
-
- Not Listed

N/A

HEALTH HAZARDS

Acute N/A Chronic N/A

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.

Medical Conditions
Generally Aggravated by Exposure

N/A

EMERGENCY FIRST AID PROCEDURES

Eye Contact

Following eye contact, flush eyes immediately with plenty of water, for 15 minutes. Assure adequate flushing of the eyes by separating the eyelids with fingers. Get medical attention if irritation occurs.

Skin Contact

Following skin contact, wash area at once with plenty of water for at least 15 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 6 - CONTROL AND PROTECTIVE MEASURESRespiratory Protection
(Specify Type)

N/A

Protective Gloves

Wear impervious gloves as standard handling practice

Eye Protection

in cases where there is a likelihood of eye contact, Wear chemical safety goggles**VENTILATION
TO BE USED**

N/A

-
- Local Exhaust
-
-
- Mechanical (general)
-
-
- Special
-
-
- Other (specify)

Other Protective
Clothing and Equipment**Protect clothing by wearing coveralls**Hygienic Work
Practices

N/A

SECTION 7 - PRECAUTIONS FOR SAFE HANDLING AND USE/LEAK PROCEDURESSteps to be Taken If Material
Is Spilled Or Released

For small spills: add inert absorbent, sweep up, and place material in plastic drums approved for disposal.

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

Waste Disposal
Methods

Dispose of by incineration in accordance with all local, state and federal environmental regulations.

Precautions to be Taken
in Handling and Storage

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

Other Precautions and/or Special Hazards

N/A

NFPA 4-Severe; 3-Serious; 2-Moderate; 1-Slight; 0-Minimum
Rating* Health 2 Flammability 0 Reactivity 0 Special N/A

HMS
Rating* Health 2 Flammability 0 Reactivity 1 Personal Protection N/A