

SAFETY DATA SHEETS

This SDS packet was issued with item:

078801489

The safety data sheets (SDS) in this packet apply to the individual products listed below. Please refer to invoice for specific item number(s).

078471836

SECTION 1 – PRODUCT IDENTIFICATION

Product Name: Sklar Soak™ Solution
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: Surface Disinfectant

Ratings	NPFA	HMIS
Health	0	0
Fire	0	1
Reactivity	0	0

SECTION 2 – HAZARD(S) IDENTIFICATION

Main Hazard: Respiratory, gastric and eye irritant.
Primary Route of Entry: Skin, eyes, mouth and nose.
Reproduction Hazard: Not Applicable
Potential Health Effects: Signs and Symptoms of Exposure:
Eyes: May cause some slight reversible eye irritation with direct contact.
Skin: May produce some slight redness or irritation although unlikely.
Ingestion: May cause some gastric distress.
Inhalation: Prolonged, contained exposure to alcohol vapors may cause light-headedness and /or irritation to nose and throat.

SECTION 3 – COMPOSITION/INFORMATION ON INGREDIENTS

Name	CAS#	OSHA PEL	ACGIH TLV	% by wt	Other Limits
Isopropanol	67-63-0	400ppm	980mg/m3	21%	N/A

SECTION 4 – FIRST AID PROCEDURES

Eyes: Flush with water. If irritation persists seek medical attention.
Skin: If irritated, flush with water. If irritation persists seek medical attention.
Ingestion: Seek medical attention. Drink water or milk. Induce vomiting.
Inhalation: Move victim to fresh air if irritation occurs. Get medical attention.

SECTION 5 – FIRE FIGHTING MEASURES

Fire Fighting Procedures: NIOSH for alcohol fires.
Extinguishing Media: Alcohol foam, CO₂ or dry chemical
Flammable Limits: None
Unusual Fire or Explosion Hazards: As with all products containing alcohol, the alcohol vapors may be heavier than air. Refer to section 7 for specific storage and handling.

SECTION 6 – ACCIDENTAL RELEASE MEASURES

Environmental Precautions: Steps to be taken in the event of spills, leaks or release:
 Flush the contaminated area with water. Flush to ordinary sanitation sewer system.

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. Wash thoroughly after handling.
Storage Precautions: Keep container tightly closed when not in use and during transport. Store at room temperature. Keep out of reach of children.

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

Ventilation: General ventilation is normally adequate.

Respiratory Protection (Specific Type): None.

Skin Protection: Latex, rubber, nitrile, or polyethylene gloves recommended for prolonged contact.

Eye Protection: None

SECTION 9 – PHYSICAL & CHEMICAL PROPERTIES

Appearance: Clear in color

Physical State: Liquid

Odor: Slight alcohol fragrance

pH (0.5 oz. per gallon): 7.6 - 7.8

Boiling Point: Liquid 188°F = 86.67°C

Freezing Point: -50°F = -10°C

Evaporation Rate: Similar to water

Flammability: Flammable

Autoflammability: Not Applicable

Explosive Properties: Alcohol vapors may be heavier than air. Refer to section 7 for specific storage and handling.

Vapor Pressure: 0.2-4.7mm Hg

Vapor Density: (Air = 1): +1

Flashpoint: 184°F = 84.4°C (Open Cup Method). 87°F = 30.5°C (Closed Cup Method, trapped alcohol vapors)

Specific Gravity: (H₂O=1.0): 0.95 to 0.97

Neurotoxicity: Not Applicable

Solubility in Water: Complete

SECTION 10 – STABILITY & REACTIVITY

General Stability Considerations: Product is stable.

Conditions to Avoid: Extreme heat or open flame.

Incompatible Materials: Do not mix with concentrated acids.

Hazardous Decomposition Products: Oxides of carbon upon combustion.

Hazardous Polymerization: Will not occur.

SECTION 11 – TOXICOLOGICAL INFORMATION

Effects of Chronic Exposure: None known.

Medical Conditions Generally Aggravated by Exposure: Dermatitis and other pre-existing skin conditions.

Carcinogenicity: NTP: Not Applicable

IARC Monographs: Not Applicable

OSHA Regulated: Not Applicable

SECTION 12 – ECOLOGICAL INFORMATION

Environmental Data: Not Applicable

SECTION 13 – DISPOSAL CONSIDERATIONS

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

SECTION 14 – TRANSPORT INFORMATION

Proper Shipping Name: Contains alcohol

Packaging Group: III

IATA Regulations (Air): Ship as hazardous

DOT Regulations (Ground): Not regulated (49 CFR173.150e – Alcohol containing solutions with 24% or less alcohol by volume and which consists of no less than 50% water are exempt from the classification as flammable.)

UN/NA Number: 1987

Hazard Class: 3

IMDG Regulations (Water Vessel): Ship as hazardous.

SECTION 15 – REGULATORY INFORMATION

All ingredients in this product are listed or are excluded from listing on the US Toxic Substances Act (TSCA) Chemical Substance Inventory. This product does not contain an amount of any chemical required to be reported under SARA 313.

SECTION 16 – OTHER INFORMATION

Use as Directed.

This document has been prepared using data from sources considered technically reliable. It does not constitute a warranty, express or implied, as to the information contained within. Actual conditions of use, handling, storage, and disposal are beyond manufacturer's control. User is responsible to evaluate all available information when using this product for any particular use and to comply with local, state, and federal regulations.

SECTION 1 – PRODUCT IDENTIFICATION

Product Name: Sklar Soak™ Instrument Soak Solution
Recommended Use: Cleaner, Disinfectant, Deodorizer
Restrictions for Use: Use only as directed.
Manufactured for: Sklar Instruments
 889 South Matlack Street
 West Chester, PA USA 19382
 800.221.2166
Emergency 24-Hour Phone Number 800.255.3924

SECTION 2 – HAZARD(S) IDENTIFICATION

Classification

Hazard Class	Category
Flammable Liquid	3
Eye Irritation	2A
Specific target organ toxicity (single exposure)	3



FLAMMABLE, WARNING

Ratings	NPFA	HMIS
Health	0	0
Fire	0	1
Reactivity	0	0

Hazard: Flammable liquid and vapor. Causes serious eye irritation. May cause drowsiness or dizziness.

Precaution: Keep away from heat/sparks/open flames/hot surfaces. No smoking. Keep container tightly closed Ground/Bond container and receiving equipment. Use explosion-proof electrical/ventilating/lighting equipment. Use only non-sparking tools. Take precautionary measures against static discharge. Avoid breathing dust/fume/gas/mist/vapors/spray. Wash hands thoroughly after handling. Use only outdoors or in a well ventilated area. Wear protective gloves/eye protection/face protection.

Response:
 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. If eye irritation persists: Get medical advice/attention.
 IF ON SKIN: Take off immediately all contaminated clothing. Rinse skin with water/shower.
 IF SWALLOWED: N/A
 IF INHALED: Remove person to fresh air and keep comfortable for breathing. Call a poison center/doctor if victim feels unwell.

Storage and Disposal: Store in a well ventilated place. Keep cool. Store locked up. Dispose of contents and container in accordance with all local, regional, national and international regulations.

Potential Health Effects (Acute and Chronic): 1% of the mixture consists of ingredient(s) of unknown acute toxicity.

SECTION 3 – COMPOSITION/INFORMATION ON INGREDIENTS

Chemical Name	CAS#	% by wt
Isopropyl Alcohol	67-63-0	10-30
2-Butoxyethanol	111-76-2	1-5

The exact percentage (concentration) of composition has been withheld as a trade secret in accordance with paragraph (i) of §1910.1200.

SECTION 4 – FIRST AID MEASURES

In Case of Inhalation: If breathing is difficult, remove victim to fresh air and keep at rest in a position comfortable for breathing. Call a POISON CENTER/doctor if you feel unwell.

In Case of Skin Contact: In case of contact, IMMEDIATELY flush skin with plenty of water. Remove contaminate clothing and shoes. Wash clothing before reuse. Call a physician if irritation develops and persists.

In Case of Eye Contact: In case of contact, immediately flush eyes with plenty of water for at least 15 minutes. If easy to do, remove contact lenses, if worn. If irritation persists, get medical advice/attention.

In Case of Ingestion: If swallowed, do NOT induce vomiting unless directed to do so by medical personnel. Never give anything by mouth to an unconscious person. Get medical advice/attention if you feel unwell.

SECTION 5 – FIRE FIGHTING MEASURES

Flash Pt: No data.

Explosive Limits: LEL: No data. UEL: No data

Auto Ignition Pt: No data.

Suitable Extinguishing Media: Water fog, carbon dioxide, dry chemical or alcohol foam.

Fire Fighting Instructions: Keep upwind of fire. Wear full fire fighting tun-out gear (full Bunker gear) and respiratory protection (SCBA).

Flammable Properties and Hazards: Products of combustion include but are not limited to: oxides of carbon.

SECTION 6 – ACCIDENTAL RELEASE MEASURES

Protective Precautions, Protective Equipment and Emergency Procedures: Wear suitable protective clothing. Isolate the hazard area and deny entry to unnecessary and unprotected personnel. Eliminate sources of ignition.

Steps to Be Taken in Case Material is Released or Spilled: 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. Provide ventilation.

SECTION 7 – HANDLING & STORAGE

Precautions to Be Taken in Handling: Keep away from sources of ignition. No smoking. Take precautionary measures against static discharge. Avoid contact with skin and eyes. Avoid breathing dust/fume/gas/mist/vapors/spray. Do not swallow. Handle and open container with care. When using do not eat, drink or smoke. Use only non-sparking tools. Use only outdoors or in well ventilated area.

Precautions to Be Taken in Storing: Proper grounding procedures to avoid static electricity should be followed. Keep locked up and out of the reach of children. Keep container tightly closed and in a well-ventilated place. Keep cool.

SECTION 8 – EXPOSURE CONTROLS/PERSONAL PROTECTION

Control Parameters

Exposure guidelines:

Chemical Name	ACGH TLV	OSHA PEL	NIOSH IDLH
Isopropyl Alcohol (67-63-0)	200 ppm	980 mg/m ³	Not Available
2-Butoxyethanol (111-76-2)	20 ppm	240 mg/m ³	Not Available

Respiratory Equipment:	In case of insufficient ventilation, wear suitable respiratory equipment. Respirator selection must be based on known or anticipated exposure levels, the hazards of the product and the safe working limits of the selected respirator
Eye Protection:	Wear approved eye protection (properly fitted dust or splash-proof chemical safety goggles) and face protection (face shield).
Protective Gloves:	Wear suitable protective clothing.
Other Protective Clothing:	Wear chemical protective clothing.
Engineering Controls (Ventilation etc.):	Handle in accordance with good industrial hygiene and safety practice. Do not eat, smoke or drink where material is handled, processed or stored. Wash hands carefully before eating or smoking. Handle according to established industrial hygiene and safety practices.

SECTION 9 – PHYSICAL & CHEMICAL PROPERTIES

Physical State: Liquid	Explosive Limits: LEL: No data. UEL: No data.
Appearance and Odor: Colorless Liquid Odor: Alcohol-like	Vapor Pressure (vs. Air or Mm Hg): Not Determined
pH: 7.6	Vapor Density (vs. Air=1): Not Determined
Melting Point: Not Determined	Specific Gravity (Water=1): Not Determined
Boiling Point: Not Determined	Solubility in water: Not Determined
Flash Point: 30°C (86°F) TCC	Percent Volatile: N.D.
Evaporation Rate: Not Determined	Auto ignition Point: No data.
Flammability (solid, gas): Not Determined	Viscosity: Not Determined

SECTION 10 – STABILITY & REACTIVITY

Stability:	Stable under recommended storage conditions. May form flammable/explosive vapor-air mixture.
Conditions to Avoid:	Heat. Incompatible materials. Sources of ignition.
Incompatible-Materials to Avoid:	Oxidizers.
Hazardous Decomposition Products:	May include and are not limited to: oxides of carbon.
Hazardous Reactions:	Not reactive under normal conditions.

SECTION 11 – TOXICOLOGICAL INFORMATION

Information on Toxicological Effects

Likely Routes of Exposure: Inhalation, skin contact, eye contact, ingestion

Information Related to Physical, Chemical, and Toxicological Effects

See section 4 of this SDS.

Delayed and Immediate Effects as well as Chronic Effects from Short and Long-term Exposure

Carcinogenicity: NTP: No IARC: No OSHA: No

Numerical Measures of Toxicity:

Product

ATE (oral)	>2000 mg/kg, rat
ATE (dermal)	>2000 mg/kg, rabbit
ATE (inhalation)	>20 mg/l/4h

Component Information

Chemical Name	Oral LD50	Dermal LD50	Inhalation LC50
Isopropyl alcohol (67-63-0)	4396 mg/kg (rat)	12800 mg/kg (rat)	72.6 mg/l/4h (rat)
2-Butoxyethanol (111-76-2)	470 mg/kg (rat)	Not available	450 ppm/4h (rat)

SECTION 12 – ECOLOGICAL INFORMATION

This product has no known ecotoxicological effects.

SECTION 13 – DISPOSAL CONSIDERATIONS

Dispose of the product and container in accordance with all applicable local, state, and federal regulations. The generation of waste should be avoided or minimized whenever possible. Handle empty containers with care because residual vapors are flammable.

SECTION 14 – TRANSPORT INFORMATION**Land Transport (US.DOT):**

DOT Proper Shipping Name: Compound Cleaner, Not Regulated

DOT Hazard Class:

UN/NA Number:

DOT (Ground): Limited quantity

Air Transport (ICAO/IATA):

ICAO/IATA Shipping Name: DO NOT SHIP - Required testing has not been completed

Note: Classification changes based on quantity, packaging, and method of shipment. See current shipping paper for most up to date shipping information.

UN1987, Alcohols, n.o.s. (Isopropanol), 3, PG III

SECTION 15 – REGULATORY INFORMATION

This chemical is a pesticide product registered by the Environmental Protection Agency and is subject to certain labeling requirements under federal pesticide law. These requirements differ from the classification criteria and hazard information required for safety data sheets, and for workplace labels of non-pesticide chemicals. Following is the hazard information as required on the pesticide label.

CAUTION

Harmful if inhaled or absorbed through skin.

Causes moderate eye irritation.

Avoid breathing vapors, and contact with eyes, skin or clothing.

Wash thoroughly with soap and water after handling and before eating, drinking, chewing gum or using tobacco.

Remove contaminated clothing and wash clothing before reuse.

Do not use or store near heat or open flame

All ingredients in this product are listed or are excluded from listing on the US Toxic Substances Act (TSCA) Chemical Substance Inventory.

SARA 313

This product contains chemicals which are subject to the reporting requirements of the Superfund Amendments and Reauthorization Act and Title 40 of the Code of Federal Regulations, Part 372. Chemicals: Isopropanol and Butoxyethanol.

SECTION 16 – OTHER INFORMATION

Revisions Date: 11-14-2016

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 designed and may not be valid for such material used in combination with any other materials or in any process, unless specified in the text.

End of Safety Data Sheet