

SAFETY DATA SHEETS

This SDS packet was issued with item:

078826735

N/A

Material Safety Data Sheet

SKLAR DISINFECTANT

Sklar Instruments

Distributor

889 South Matlack Street

Address

West Chester, PA 19382

(800) 221-2166

Phone Number (For Information)

(800) 221-2166

Emergency Phone Number

Telex*

Identity (Trade Name As Used On Label)

N/A

MSDS Number*

N/A

CAS Number*

September 29, 2009

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)	%*	OSHA PEL	ACGIH TLV	OTHER LIMITS RECOMMENDATIONS
Isopropanol CAS# 67-63-0	20.85	400ppm	980mg/m3	N/A
Composition: This product is not hazardous. The individual ingredients present within the mixture that are greater than 1% of the entire formulation and that may, by themselves, present a health hazard are:				
Carcinogenic Ingredients: This product is not carcinogenic. The individual ingredients present with the mixture that consists of 0.1% or greater of the entire formulation and that may, by themselves, present carcinogenic effects are: None				
Total				

SECTION 2 - PHYSICAL/CHEMICAL CHARACTERISTICS

Boiling Point	188 degrees F	Specific Gravity (H2O = 1)	0.95 to 0.97
Vapor Pressure (mm Hg)	0.2 - 4.7	Freezing Point	-10°C
Vapor Density (Air = 1)	+1	Evaporation Rate (_____ = 1)	Similar to water
Solubility in Water	Complete	Water Reactive	No Info

Appearance and Odor: Slight alcohol fragrance. Clear in color.

SECTION 3 - FIRE AND EXPLOSION HAZARD DATA

Flash Point and Method Used	87° F (Closed Cup method - trapped alcohol vapors)	Auto-Ignition Temperature	No Info	Flammability Limits in Air % by Volume	None	LEL	No Info	UEL	No Info
Extinguisher Media	Alcohol Foam, Dry Chemical, CO2								
Special Fire Fighting Procedures	NIOSH for alcohol fires								

Unusual Fire and Explosion Hazards: As with all products containing alcohol, the alcohol vapors may be heavier than air.

Refer to section 7 for specific storage, handling and transportation exemption per Code of Federal Regulations as an "Aqueous / Alcohol" solution.

*Optional

SECTION 4 - REACTIVITY HAZARD DATA**SKLAR DISINFECTANT****STABILITY**

-
- Stable
-
-
- Unstable

Conditions
To Avoid**Extreme heat or open flame**Incompatibility
(Materials to Avoid)**Concentrated acids**Hazardous
Decomposition Products**Oxides of carbon upon combustion****HAZARDOUS POLYMERIZATION**

-
- May Occur
-
-
- Will Not Occur

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

-
- Eye
-
-
- Skin Absorption
-
-
- Inhalation
-
-
- Ingestion

CARCINOGENICITYNTP **No**
LARC Monograph **No**OSHA **No**
Not ListedSigns and Symptoms
of Exposure**Eyes:** May cause some slight reversible eye irritation with direct contact.**Inhalation:** Prolonged, contained exposure to alcohol vapors may cause light-headedness and/or irritation to nose and throat.**Skin:** May produce some slight redness or irritation although unlikely.**Ingestion:** May cause some gastric distress.

Medical Conditions

Generally Aggravated by Exposure

May cause some slight dermal irritation although unlikely**EMERGENCY FIRST AID PROCEDURES**

Eye Contact

Flush with water. If irritation persists, seek medical attention.

Skin Contact

If irritated, flush with water. If irritation persists, seek medical attention.

Inhalation

Remove to fresh air. Seek medical attention.

Ingestion

Seek medical attention. Drink water or milk. Induce vomiting.**SECTION 6 - CONTROL AND PROTECTIVE MEASURES**Respiratory Protection
(Specify Type)**N/A**

Protective Gloves

N/A

Eye Protection

Avoid direct contact with eyes.**VENTILATION
TO BE USED** Local Exhaust **N/A** Mechanical (general) **Usual** Special **N/A** Other (specify)Other Protective
Clothing and Equipment**N/A**Hygienic Work
Practices**No Info****SECTION 7 - PRECAUTIONS FOR SAFE HANDLING AND USE/LEAK PROCEDURES**Steps to be Taken If Material
Is Spilled Or Released**Flush to sanitary sewer system using plain water.**Waste Disposal
Methods**Ordinary waste system.**Precautions to be Taken
in Handling and Storage**"Alcohol containing solutions with 24 percent or less alcohol by volume and which consists of no less than 50 percent water and are stored in containers holding less than 750 US gallons are exempt from the classification as flammable and require no special shipping, storage or handling".**

Other Precautions and/or Special Hazards

Transportation: not regulated for ground transport except in bulk. Air requires hazard label due to alcohol content.NFPA **N/A**
Rating* Health ___ Flammability ___ Reactivity ___ Special ___HMIS Index: 4-Severe Hazard; 3-Serious Hazard; 2-Moderate Hazard; 1-Slight Hazard
Rating* Health **0** Flammability **0** Reactivity **0** Personal Protection **No Info**

Optional*

SECTION 1 – PRODUCT IDENTIFICATION

Product Name: Sklar Disinfectant 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.

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