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SAFETY DATA SHEET

Classified in accordance 29 CFR 1910.1200

1. Identification

Product No.:	Product name:	Common name(s), synonym(s)
3882100	Site-Scrub® IPA Device 100 units per box	No data available

Recommended restrictions

Recommended use: Medical or Laboratory Purpose

Restrictions on use: None known.

Manufacturer/Importer/Distributor Information

Manufacturer

Company Name: Becton Dickinson
Address: 9450 South State Street
Sandy, UT 84070 USA

Telephone: 1-801-565-2300 (US 24 hour)

Fax:

Contact Person: Regulatory Affairs

Emergency telephone number: CHEMTREC 1 800 424 9300

2. Hazard(s) identification

Hazard Classification

Physical Hazards

Flammable liquids Category 3

Health Hazards

Serious Eye Damage/Eye Irritation Category 2

Specific Target Organ Toxicity -
Single Exposure Category 3

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Label Elements

Hazard Symbol:



Signal Word: Warning
Hazard Statement: H226: Flammable liquid and vapor.
H319: Causes serious eye irritation.
H336: May cause drowsiness or dizziness.

Precautionary Statements

Prevention: P210: Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking.
P241: Use explosion-proof electrical, ventilating and lighting equipment.
P242: Use non-sparking tools.
P243: Take action to prevent static discharges.
P261: Avoid breathing dust/fume/gas/mist/vapors/spray.
P264: Wash face, hands and any exposed skin thoroughly after handling.
P271: Use only outdoors or in a well-ventilated area.
P280: Wear protective gloves/protective clothing/eye protection/face protection.

Response: P303+P361+P353: IF ON SKIN (or hair): Take off immediately all contaminated clothing. Rinse skin with water [or shower].
P304+P340: IF INHALED: Remove person to fresh air and keep comfortable for breathing.
P312: Call a POISON CENTER or doctor/ physician if you feel unwell.
P305+P351+P338: IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
P337+P313: If eye irritation persists: Get medical advice/attention.
P370 + P378: In case of fire: Use dry sand, dry chemical or alcohol-resistant foam for extinction.

Storage: P403+P233: Store in a well-ventilated place. Keep container tightly



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closed.
P405: Store locked up.

Disposal: P501: Dispose of contents/ container to an approved facility in accordance with local, regional, national and international regulations.

Other hazards which do not result in GHS classification: FK: Static accumulating flammable liquid can become electrostatically charged even in bonded and grounded equipment.
Spark: Sparks may ignite liquid and vapor.
H241: May cause flash fire or explosion.

3. Composition/information on ingredients

Mixtures

Chemical Identity	Common name and synonyms	CAS number	Content in percent (%)*
2-Propanol	No data available.	67-63-0	50 - <100%

* All concentrations are percent by weight unless ingredient is a gas. Gas concentrations are in percent by volume.

4. First-aid measures

Description of first aid measures

General information:

Get medical attention if symptoms occur.

Inhalation:

Under normal conditions of intended use, this material is not expected to be an inhalation hazard. Move the exposed person to fresh air at once.

Skin Contact:

Wash skin with soap and water. Get medical attention if symptoms occur.



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Eye contact:	Flush thoroughly with water for at least 15 minutes. Get medical assistance.
Ingestion:	Do NOT induce vomiting. Never give liquid to an unconscious person. Rinse mouth thoroughly. Seek medical advice.
Personal Protection for First-aid Responders:	No data available.
Most important symptoms and effects, both acute and delayed Symptoms:	No data available.
Hazards:	No data available.
Indication of immediate medical attention and special treatment needed	
Treatment:	No data available.

5. Fire-fighting measures

General Fire Hazards:	Use water spray to keep fire-exposed containers cool.
Suitable (and unsuitable) extinguishing media	
Suitable extinguishing media:	Water spray, foam, dry powder or carbon dioxide. Use fire-extinguishing media appropriate for surrounding materials.
Unsuitable extinguishing media:	Avoid water in straight hose stream; will scatter and spread fire.
Special hazards arising from the substance or mixture:	No data available.
Special protective equipment and precautions for firefighters	
Special fire-fighting procedures:	No data available.
Special protective equipment for fire-fighters:	Wear self-contained breathing apparatus and protective clothing.

6. Accidental release measures



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Personal precautions, protective equipment and emergency procedures:	Use personal protective equipment. See Section 8 of the SDS for Personal Protective Equipment.
Accidental release measures:	No data available.
Methods and material for containment and cleaning up:	Absorb spillage with non-combustible, absorbent material. Collect and dispose of spillage as indicated in section 13 of the SDS.
Environmental Precautions:	Prevent further leakage or spillage if safe to do so.

7. Handling and storage

Handling

Technical measures:	No data available.
Local/Total ventilation:	No data available.
Safe handling advice:	Avoid contact with eyes and prolonged skin contact. Avoid inhalation of vapors and spray mists.
Contact avoidance measures:	No data available.

Storage

Safe storage conditions:	Flammable/combustible - Keep away from oxidizers, heat and flames.
Safe packaging materials:	No data available.

8. Exposure controls/personal protection

Control Parameters

Occupational Exposure Limits



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Chemical Identity	Type	Exposure Limit Values		Source
2-Propanol	TWA	400 ppm	980 mg/m ³	OSHA Z1A
	STEL	500 ppm	1.225 mg/m ³	OSHA Z1A
	TWA	400 ppm	980 mg/m ³	TN OEL
	STEL	500 ppm	1.225 mg/m ³	TN OEL
	AN ESL		200 ppb	TX ESL
	ST ESL		2.000 ppb	TX ESL
	AN ESL		492 µg/m ³	TX ESL
	ST ESL		4.920 µg/m ³	TX ESL
	TWA PEL	400 ppm	980 mg/m ³	US CA OEL
	STEL	500 ppm	1.225 mg/m ³	US CA OEL
	TWA	200 ppm		ACGIH
	STEL	400 ppm		ACGIH
	STEL	500 ppm	1.225 mg/m ³	NIOSH
	REL	400 ppm	980 mg/m ³	NIOSH
	IDLH	2.000 ppm		NIOSH IDLH
	LEL		2,0 %	NIOSH IDLH
	PEL	400 ppm	980 mg/m ³	OSHA Z1

Please refer to the latest edition of the appropriate source text and consult an industrial hygienist or similar professional, or local agencies, for further information.



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Biological Limit Values

Chemical name	Parameters / Sampling Time	Exposure Limit Values	Source
2-Propanol	acetone Sampling time: End of shift at end of work week.	40 mg/l (Urine)	ACGIH BEI

Appropriate Engineering Controls No data available.

Individual protection measures, such as personal protective equipment

Eye/face protection: A - Safety Glasses

Skin Protection

Hand Protection: Additional Information: Nitrile gloves are
recommended.

Skin and Body Protection: No data available.

Respiratory Protection: Respiratory protection not required.



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Hygiene measures: Do not get in eyes.

9. Physical and chemical properties

Information on basic physical and chemical properties

Appearance

Physical state:	Liquid
Form:	No data available.
Color:	Colorless
Odor:	alcohol-like
Odor Threshold:	No data available.
Freezing point:	No data available.
Boiling Point:	188,6 °F/87,0 °C
Flammability:	No data available.
Upper/lower limit on flammability or explosive limits	
Explosive limit - upper:	No data available.
Explosive limit - lower:	No data available.
Flash Point:	75,2 °F/24,0 °C Closed Cup
Self-ignition:	No data available.
Decomposition Temperature:	No data available.
pH:	No data available.

Viscosity

Dynamic viscosity:	No data available.
Kinematic viscosity:	No data available.
Flow Time:	No data available.

Solubility(ies)

Solubility in Water:	Completely Soluble
Solubility (other):	No data available.
Partition coefficient (n-octanol/water):	No data available.
Vapor pressure:	No data available.



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Relative density:	No data available.
Density:	0,858 g/cm ³
Bulk density:	No data available.
Vapor density (air=1):	No data available.

Other information
No data available

10. Stability and reactivity

Reactivity:	Material is stable under normal conditions.
Chemical Stability:	Material is stable under normal conditions.
Possibility of hazardous reactions:	Not known.
Conditions to avoid:	Strong oxidizing agents. Keep away from heat, sparks and open flame.
Incompatible Materials:	Materials to avoid Water reactive material.
Hazardous Decomposition Products:	Not determined.

11. Toxicological information

Information on likely routes of exposure

Inhalation:	No data available.
Skin Contact:	No data available.
Eye contact:	No data available.
Ingestion:	No data available.



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Acute toxicity (list all possible routes of exposure)

Oral

Product: No data available.

Components:
2-Propanol No data available.

Dermal

Product: No data available.

Components:
2-Propanol No data available.

Inhalation

Product: No data available.

Components:
2-Propanol No data available.

Repeated dose toxicity

Product: No data available.

Components:
2-Propanol No data available.

Skin Corrosion/Irritation

Product: No data available.

Components:
2-Propanol No data available.

Serious Eye Damage/Eye Irritation

Product: No data available.

Components:
2-Propanol No data available.

Respiratory or Skin Sensitization

Product: No data available.

Components:
2-Propanol Skin sensitization:, in vivo, Guinea pig, Non sensitising

Carcinogenicity

Product: No data available.

Components:
2-Propanol No data available.

IARC Monographs on the Evaluation of Carcinogenic Risks to Humans:

No carcinogens present or none present in regulated quantities



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ACGIH: US.ACGIH Threshold Limit Values:

No carcinogens present or none present in regulated quantities

US. National Toxicology Program (NTP) Report on Carcinogens:

No carcinogens present or none present in regulated quantities

US. OSHA Specifically Regulated Substances (29 CFR 1910.1001-1050), as amended:

No carcinogens present or none present in regulated quantities

Germ Cell Mutagenicity

In vitro

Product: No data available.

Components:
2-Propanol No data available.

In vivo

Product: No data available.

Components:
2-Propanol No data available.

Reproductive toxicity

Product: No data available.

Components:
2-Propanol No data available.

Specific Target Organ Toxicity - Single Exposure

Product: No data available.

Components:
2-Propanol No data available.

Specific Target Organ Toxicity - Repeated Exposure

Product: No data available.

Components:
2-Propanol No data available.

Aspiration Hazard

Product: No data available.

Components:
2-Propanol No data available.

Information on health hazards

Other hazards

Product: No data available.



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12. Ecological information

Ecotoxicity:

Acute hazards to the aquatic environment:

Fish

Product: No data available.

Components:
2-Propanol No data available.

Aquatic Invertebrates

Product: No data available.

Components:
2-Propanol No data available.

Toxicity to Aquatic Plants

Product: No data available.

Components:
2-Propanol No data available.

Toxicity to microorganisms

Product: No data available.

Components:
2-Propanol No data available.

Chronic hazards to the aquatic environment:

Fish

Product: No data available.

Components:
2-Propanol No data available.

Aquatic Invertebrates

Product: No data available.

Components:
2-Propanol No data available.

Toxicity to microorganisms

Product: No data available.

Components:
2-Propanol No data available.



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Persistence and Degradability

Biodegradation

Product: No data available.
Components:
2-Propanol 53 %, 5 d, Experimental result, Key study Detected in water.

BOD/COD Ratio

Product: No data available.
Components:
2-Propanol No data available.

Bioaccumulative potential

Bioconcentration Factor (BCF)

Product: No data available.
Components:
2-Propanol No data available.

Partition Coefficient n-octanol / water (log Kow)

Product: No data available.
Components:
2-Propanol No data available.

Mobility in soil:

Product: No data available.
Components:
2-Propanol No data available.

Results of PBT and vPvB assessment:

Product: No data available.
Components:
2-Propanol No data available.

Other adverse effects:

Other hazards
Product: No data available.



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13. Disposal considerations

General information:	Dispose of waste and residues in accordance with local authority requirements.
Disposal methods:	Discharge, treatment, or disposal may be subject to national, state, or local laws.
Contaminated Packaging:	No data available.

14. Transport information

DOT

Not Regulated.

IATA

Not Regulated.

IMDG

Not Regulated.

Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code

Not applicable for product as supplied.

15. Regulatory information



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US Federal Regulations

TSCA Section 12(b) Export Notification (40 CFR 707, Subpt. D)

None present or none present in regulated quantities.

US. Toxic Substances Control Act (TSCA) Section 5(a)(2) Proposed Significant New Use Rules (SNURs) (40 CFR 721, Subpt E)

None present or none present in regulated quantities.

US. OSHA Specifically Regulated Substances (29 CFR 1910.1001-1050), as amended

None present or none present in regulated quantities.

CERCLA Hazardous Substance List (40 CFR 302.4):

Chemical Identity

RCRA HAZARDOUS WASTE NO. D001

Superfund Amendments and Reauthorization Act of 1986 (SARA)

Hazard categories

Flammable (gases, aerosols, liquids, or solids), Specific target organ toxicity (single or repeated exposure), Hazards Not Otherwise Classified (HNOC)



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US. EPCRA (SARA Title III) Section 304 Extremely Hazardous Substances Reporting Quantities and the Comprehensive Environmental Response, Compensation, and Liability Act (CERCLA) Hazardous Substances

None present or none present in regulated quantities.

US. EPCRA (SARA Title III Section 313 Toxic Chemical Release Inventory (TRI) Reporting

<u>Chemical Identity</u>	<u>% by weight</u>
Isopropyl alcohol (Isopropanol) (only persons who manufacture by the strong acid process are subject, no supplier notification)	1,0%

Clean Air Act (CAA) Section 112(r) Accidental Release Prevention (40 CFR 68.130):

None present or none present in regulated quantities.

Clean Water Act Section 311 Hazardous Substances (40 CFR 117.3)

None present or none present in regulated quantities.

US State Regulations

US. California Proposition 65

No ingredient requiring a warning under CA Prop 65.



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16. Other information, including date of preparation or last revision

Version #: 1.1

Generation date: 29.07.2024

**Date of first report
version:** 22.07.2022

Abbreviations and acronyms:

:	US. California Code of Regulations, Title 8, Section 5155. Airborne Contaminants
:	US. Tennessee. OELs. Occupational Exposure Limits, Table Z1A
ACGIH:	US. ACGIH Threshold Limit Values, as amended
ACGIH BEI:	US. ACGIH. BEIs. Biological Exposure Indices, as amended
NIOSH IDLH:	US. NIOSH. Immediately Dangerous to Life or Health (IDLH) Values, as amended
NIOSH/GUIDE:	US. NIOSH: Pocket Guide to Chemical Hazards, as amended
OSHA_TRANS:	US. OSHA Table Z-1 Limits for Air Contaminants (29 CFR 1910.1000), as amended
TX ESL:	US. Texas. Effects Screening Levels (Texas Commission on Environmental Quality), as amended
Z1A:	US. OSHA Table Z-1-A (29 CFR 1910.1000), as amended
/ STEL:	Short Term Exposure Limit (STEL):
/ TWA PEL:	Time Weighted Average (TWA) Permissible Exposure Limit (PEL):



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/ STEL:	Short Term Exposure Limit (STEL):
/ TWA:	Time Weighted Average (TWA):
ACGIH / STEL:	Short Term Exposure Limit (STEL):
ACGIH / TWA:	Time Weighted Average (TWA):
NIOSH IDLH / LEL:	Lower Explosive Limit (LEL):
NIOSH IDLH / IDLH:	Immediately dangerous to life or health (IDLH) concentration:
NIOSH/GUIDE / REL:	Recommended exposure limit (REL):
NIOSH/GUIDE / STEL:	Short Term Exposure Limit (STEL):
OSHA_TRANS / PEL:	Permissible exposure limit:
TX ESL / ST ESL:	Short-Term ESL:
TX ESL / AN ESL:	Annual ESL:
Z1A / STEL:	Short Term Exposure Limit (STEL):
Z1A / TWA:	Time Weighted Average (TWA):

AIIC - Australian Inventory of Industrial Chemicals; ASTM - American Society for the Testing of Materials; bw - Body weight; CERCLA - Comprehensive Environmental Response, Compensation, and Liability Act; CMR - Carcinogen, Mutagen or Reproductive Toxicant; DIN - Standard of the German Institute for Standardisation; DOT - Department of Transportation; DSL - Domestic Substances List (Canada); ECx - Concentration associated with x% response; EHS - Extremely Hazardous Substance; ELx - Loading rate associated with x% response; EmS - Emergency Schedule; ENCS - Existing and New Chemical Substances (Japan); ErCx - Concentration associated with x% growth rate response; ERG - Emergency Response Guide; GHS - Globally Harmonized System; GLP - Good Laboratory Practice; HMIS - Hazardous Materials Identification System; IARC - International Agency for Research on Cancer; IATA - International Air Transport Association; IBC - International Code for the Construction and Equipment of Ships carrying Dangerous Chemicals in Bulk; IC50 - Half maximal inhibitory concentration; ICAO - International Civil Aviation Organization; IECSC - Inventory of Existing Chemical Substances in China; IMDG - International Maritime Dangerous Goods; IMO - International Maritime Organization; ISHL - Industrial Safety and Health Law (Japan); ISO - International Organisation for Standardization; KECI -



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Korea Existing Chemicals Inventory; LC50 - Lethal Concentration to 50 % of a test population; LD50 - Lethal Dose to 50% of a test population (Median Lethal Dose); MARPOL - International Convention for the Prevention of Pollution from Ships; MSHA - Mine Safety and Health Administration; n.o.s. - Not Otherwise Specified; NFPA - National Fire Protection Association; NO(A)EC - No Observed (Adverse) Effect Concentration; NO(A)EL - No Observed (Adverse) Effect Level; NOELR - No Observable Effect Loading Rate; NTP - National Toxicology Program; NZIoC - New Zealand Inventory of Chemicals; OECD - Organization for Economic Co-operation and Development; OPPTS - Office of Chemical Safety and Pollution Prevention; PBT - Persistent, Bioaccumulative and Toxic substance; PICCS - Philippines Inventory of Chemicals and Chemical Substances; (Q)SAR - (Quantitative) Structure Activity Relationship; RCRA - Resource Conservation and Recovery Act; REACH - Regulation (EC) No 1907/2006 of the European Parliament and of the Council concerning the Registration, Evaluation, Authorisation and Restriction of Chemicals; RQ - Reportable Quantity; SADT - Self-Accelerating Decomposition Temperature; SARA - Superfund Amendments and Reauthorization Act; SDS - Safety Data Sheet; TCSI - Taiwan Chemical Substance Inventory; TECI - Thailand Existing Chemicals Inventory; TSCA - Toxic Substances Control Act (United States); UN - United Nations; UNRTDG - United Nations Recommendations on the Transport of Dangerous Goods; vPvB - Very Persistent and Very Bioaccumulative

Further Information: No data available.



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