

SDS Report

No. SHACPCH2011150401

Date: Jul. 3, 2020

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True Care Biomedix
6356 Manor Lane Suite 101 South Miami, FL.33143

SGS Ref. No. : SHCPCH200605798-SH
Sample Name : Liquid used in Sterile IPA Wiper
End Uses : Cleaning and disinfecting surfaces
Composition/Ingredient of sample (as per client submission) : See *section 3 Composition/information on ingredients* on the SDS report
Job Receiving Date : Jun 19, 2020
Last Information Date : Jun 28, 2020
SDS Preparation Period : Jun 19 – Jul 01, 2020

Service Requested : Preparation of Safety Data Sheet (SDS) for the sample with submitted information.

Summary : As per request, the contents and formats of the SDS are prepared in accordance with US Regulations Relating to Labor 29 CFR 1910.1200, and is provided per attached.

Signed for and on behalf of
SGS-CSTC Standards Technical Services (Shanghai) Co., Ltd.



Cathy Cai
Approved Signatory



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Safety Data Sheet

29 CFR 1910.1200

Printing date 07/01/2020



Version number 1

Reviewed on 07/01/2020

1 Identification

- **Product identifier**
 - **Trade name:** Liquid used in Sterile IPA Wiper
 - **Recommended use of the chemical and restrictions on use**
 - **Application of the substance / the preparation:** Cleaning and disinfecting surfaces
 - **Details of the supplier of the safety data sheet**
 - **Manufacturer/Supplier:**
True Care Biomedix
6356 Manor Lane Suite 101 South Miami, FL.33143
Tel: 866-593-8444 x206
E-mail: akramarz@tcbiomedix.com
 - **Other US contact point:**
Abbey Kramarz
6356 Manor Lane Suite 101 South Miami, FL.33143
Tel: 866-593-8444 x206
E-mail: akramarz@tcbiomedix.com
 - **Further information obtainable from:** True Care Biomedix
 - **Emergency telephone number:**
Abbey Kramarz
Tel: 800-424-9300
- USA
Poison Center
Tel: + 1 800 222 1222
- **Reference Number:** SHCPCH200605798-SH; SHACPCH2011150401

2 Hazard(s) identification

- **Classification of the substance or mixture**
Classification according to OSHA Hazard Communication Standard (29 CFR 1910.1200)
-  GHS02 Flame
 Flam. Liq. 2 H225 Highly flammable liquid and vapor.
-  GHS07
 Eye Irrit. 2A H319 Causes serious eye irritation.
 STOT SE 3 H336 May cause drowsiness or dizziness.
- **Information concerning particular hazards for human and environment:**
The product has to be labeled due to the calculation procedure of OSHA Hazard Communication Standard (29 CFR 1910.1200).
- **Classification system:**
The classification is according to the latest edition of OSHA Hazard Communication Standard (29 CFR 1910.1200), and extended by company and literature data.
- **Label elements**
- **Labelling according to OSHA Hazard Communication Standard (29 CFR 1910.1200)**
- **Hazard pictograms**



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· **Signal word** *Danger*· **Hazard-determining components of labeling:***propan-2-ol*· **Hazard statements***H225 Highly flammable liquid and vapor.**H319 Causes serious eye irritation.**H336 May cause drowsiness or dizziness.*· **Precautionary statements***P210**Keep away from heat/sparks/open flames/hot surfaces. - No smoking.**P240**Ground/bond container and receiving equipment.**P241**Use explosion-proof electrical/ventilating/lighting/equipment.**P242**Use only non-sparking tools.**P243**Take precautionary measures against static discharge.**P261**Avoid breathing dust/fume/gas/mist/vapors/spray**P264**Wash thoroughly after handling.**P271**Use only outdoors or in a well-ventilated area.**P280**Wear protective gloves/protective clothing/eye protection/face protection.**P303+P361+P353 If on skin (or hair): Take off immediately all contaminated clothing. Rinse skin with water/shower.**P304+P340**IF INHALED: Remove person to fresh air and keep comfortable for breathing.**P305+P351+P338 If in eyes: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.**P312**Call a poison center/doctor if you feel unwell.**P337+P313**If eye irritation persists: Get medical advice/attention.**P370+P378**In case of fire: Use for extinction: CO2, powder or water spray.**P403+P233**Store in a well-ventilated place. Keep container tightly closed.**P403+P235**Store in a well-ventilated place. Keep cool.**P405**Store locked up.**P501**Dispose of contents/container in accordance with local/regional/national/international regulations.*· **Hazards not otherwise classified (HNOC)** *No further relevant information available.*

3 Composition/information on ingredients

· **Chemical characterization: Mixtures**· **Description:***Mixture of the substances listed below with nonhazardous additions.**For the wording of the listed hazard statements refer to Section 16.*· **Composition:**

67-63-0	propan-2-ol	⚠ Flam. Liq. 2, H225; ⚠ Eye Irrit. 2A, H319; STOT SE 3, H336	60-80%
7732-18-5	Water		20-40%

4 First-aid measures

· **Description of first aid measures**· **General information:** *Immediately remove any clothing soiled by the product.*· **After inhalation:** *Supply fresh air; consult doctor in case of complaints.*· **After skin contact:***Immediately rinse with water.**If skin irritation continues, consult a doctor.*· **After eye contact:***Rinse opened eye for several minutes under running water. If symptoms persist, consult a doctor.*· **After swallowing:***Rinse out mouth with water.**Never give anything by mouth to an unconscious person.*

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- Seek medical treatment.
- **Most important symptoms and effects, both acute and delayed** No further relevant information available.
- **Indication of any immediate medical attention and special treatment needed**
No further relevant information available.

5 Fire-fighting measures

- **Suitable extinguishing agents:**
CO₂, extinguishing powder or water spray. Fight larger fires with water spray or alcohol resistant foam.
- **Special hazards arising from the substance or mixture:** No further relevant information available.
- **Special protective equipment and precautions for firefighters**
- **Protective equipment:**
Wear fully protective suit.
Mouth respiratory protective device.

6 Accidental release measures

- **Personal precautions, protective equipment and emergency procedures:**
Wear protective equipment. Keep unprotected persons away.
Avoid contact with eyes.
Avoid contact with skin.
Ensure adequate ventilation.
Keep away from ignition sources.
Use respiratory protective device against the effects of fumes/dust/aerosol.
- **Environmental precautions:**
Dilute with plenty of water.
Do not allow to enter sewers/ surface or ground water.
- **Methods and material for containment and cleaning up:**
Absorb with liquid-binding material (sand, diatomite, acid binders, universal binders, sawdust).
Dispose contaminated material as waste according to item 13.
Ensure adequate ventilation.

7 Handling and storage

- **Precautions for safe handling:**
Ensure good ventilation/exhaustion at the workplace.
Avoid contact with eyes and skin.
Keep away from heat and direct sunlight.
Keep receptacles tightly sealed.
Open and handle receptacle with care.
Prevent formation of aerosols.
For the general occupational hygienic measures refer to Section 8.
- **Information about protection against explosions and fires:**
Keep ignition sources away - Do not smoke.
Protect against electrostatic charges.
- **Conditions for safe storage, including any incompatibilities**
- **Requirements to be met by storerooms and receptacles:**
Store in a cool location.
Store only in the original receptacle.
- **Information about storage in one common storage facility:**
Store away from foodstuffs.
Store away from flammable substances.
Do not store together with alkaline agents.

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- Store away from oxidizing agents.
- Further information about storage conditions:
 - Keep receptacle tightly sealed.
 - Store in cool, dry conditions in well sealed receptacles.

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8 Exposure controls/personal protection

Components with limit values that require monitoring at the workplace:

67-63-0 propan-2-ol (60-80%)

PEL (USA)	Long-term value: 980 mg/m ³ , 400 ppm
REL (USA)	Short-term value: 1225 mg/m ³ , 500 ppm Long-term value: 980 mg/m ³ , 400 ppm
TLV (USA)	Short-term value: 984 mg/m ³ , 400 ppm Long-term value: 492 mg/m ³ , 200 ppm BEI

Regulatory information

- PEL (USA): Guide to Occupational Exposure Values (OSHA PELs)
- REL (USA): Guide to Occupational Exposure Values (NIOSH RELs)
- TLV (USA): Guide to Occupational Exposure Values (ACGIH)

Ingredients with biological limit values:

67-63-0 propan-2-ol

BEI (USA)	40 mg/L Medium: urine Time: end of shift at end of workweek Parameter: Acetone (background, nonspecific)
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- Additional information: The lists that were valid during the creation were used as basis.
- Based on the composition shown in Section 3, the following measures are suggested for occupational safety measure
- Appropriate engineering controls:
 - Keep away from foodstuffs, beverages and feed.
 - Immediately remove all soiled and contaminated clothing.
 - Wash hands before breaks and at the end of work.
 - Avoid contact with the eyes and skin.
 - See Section 7 for information about design of technical facilities.
- Personal protective equipment
- Breathing equipment:
 - In case of brief exposure or low pollution use respiratory filter device. In case of intensive or longer exposure use respiratory protective device that is independent of circulating air.
- Protection of hands:



Protective gloves

The glove material has to be impermeable and resistant to the product/ the substance/ the preparation. Due to missing tests no recommendation to the glove material can be given for the product/ the preparation/ the chemical mixture.

Selection of the glove material on consideration of the penetration times, rates of diffusion and the degradation

Material of gloves:

The selection of the suitable gloves does not only depend on the material, but also on further marks of quality and varies from manufacturer to manufacturer. As the product is a preparation of several substances, the resistance of the glove material can not be calculated in advance and has therefore to be checked prior to the application.

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- **Penetration time of glove material:**

The exact break trough time has to be found out by the manufacturer of the protective gloves and has to be observed.

- **Eye protection:**



Tightly sealed goggles

9 Physical and chemical properties

- **General Information**

- **Appearance:**

Form:	Liquid
Color:	Colorless
· Odor:	Odorless
· Odor threshold:	Not available.

- pH-value: Not available.

- **Change in condition**

Melting point/Melting range:	Not available.
Freezing point:	Not available.
Boiling point / Boiling range:	82 °C

- Flash point: 20 °C

- Flammability (solid, gaseous): Not applicable.

- Auto-Ignition temperature: Not available.

- Decomposition temperature: Not available.

- **Explosion limits:**

Lower:	Not available.
Upper:	Not available.

- Vapor pressure: Not available.

- Density: Not available.

- Relative density: Not available.

- Vapor density: Not available.

- Evaporation rate: Not available.

- **Solubility in / Miscibility with**

Water: Not available.

- Partition coefficient (n-octanol/water): Not available.

- **Viscosity:**

Dynamic: Not available.

Kinematic: Not available.

- Other information: No further relevant information available.

10 Stability and reactivity

- **Reactivity** No decomposition if used according to specifications.

- **Chemical stability** Stable under recommended storage conditions.

- **Possibility of hazardous reactions**

Vapor eye irritation, and high concentration can irritate the respiratory tract

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- **Conditions to avoid** Avoid Heat, Sparks and Open Flame
- **Incompatible materials:** Oxidizing Materials and Alkalis
- **Hazardous decomposition products:** Carbon dioxide and carbon monoxide

11 Toxicological information

- **Acute toxicity**

- **LD/LC50 values that are relevant for classification:**

67-63-0 propan-2-ol		
Oral	LD50	5,045 mg/kg (rat)
Dermal	LD50	12,800 mg/kg (rabbit)
Inhalative	LC50/4 h	30 mg/l (rat)

- **Primary irritant effect**
- **Skin corrosion/irritation:** Irritating effect possible.
- **Serious eye damage/irritation:** Irritating effect.
- **Respiratory or skin sensitisation:** Sensitization possible.

- **Additional toxicological information:**

The product shows the following dangers according to internally approved calculation methods for preparations:

Irritant

Vapors have narcotic effect.

- **Carcinogenic categories**

· IARC (International Agency for Research on Cancer)		
67-63-0	propan-2-ol	3

- **NTP (National Toxicology Program)**

None of the ingredients is listed.

- **OSHA-Ca (Occupational Safety & Health Administration)**

None of the ingredients is listed.

12 Ecological information

- **Toxicity**
- **Aquatic toxicity:** No further relevant information available.
- **Persistence and degradability** No further relevant information available.
- **Bioaccumulative potential** No further relevant information available.
- **Mobility in soil** No further relevant information available.
- **Other adverse effects** No further relevant information available.

13 Disposal considerations

- **Waste treatment methods**
- **Recommendation:**
Must not be disposed of together with household garbage. Do not allow product to reach sewage system.
- **Uncleaned packagings**
- **Recommendation:** Disposal must be made according to official regulations.

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14 Transport information

· UN-Number · DOT, IMDG, IATA	UN1219
· UN proper shipping name · DOT · IMDG, IATA	Isopropanol solution ISOPROPANOL (ISOPROPYL ALCOHOL) solution
· Transport hazard class(es) · DOT	
	
· Class · Label	3 Flammable liquids 3
· IMDG, IATA	
	
· Class · Label	3 Flammable liquids 3
· Packing group · DOT, IMDG, IATA	II
· Environmental hazards	Not applicable.
· Special precautions for user · EMS Number: · Stowage Category	Warning: Flammable liquids F-E,S-D B
· Transport in bulk according to Annex II of MARPOL73/78 and the IBC Code	Not applicable.
· Transport/Additional information: · DOT	
· Quantity limitations:	On passenger aircraft/rail: 5 L On cargo aircraft only: 60 L
· IMDG · Limited quantities (LQ) · Excepted quantities (EQ)	1L Code: E2 Maximum net quantity per inner packaging: 30 ml Maximum net quantity per outer packaging: 500 ml
· UN "Model Regulation":	UN 1219 ISOPROPANOL (ISOPROPYL ALCOHOL) SOLUTION, 3, II

15 Regulatory information

- Safety, health and environmental regulations/legislation specific for the substance or mixture
- Sara

· Section 355 (extremely hazardous substances):

None of the ingredient is listed.

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· Section 313 (Specific toxic chemical listings):	
67-63-0	propan-2-ol
· TSCA (Toxic Substances Control Act):	
All components have the value ACTIVE.	
· Proposition 65	
· Chemicals known to cause cancer:	
None of the ingredients is listed.	
· Chemicals known to cause reproductive toxicity for females:	
None of the ingredients is listed.	
· Chemicals known to cause reproductive toxicity for males:	
None of the ingredients is listed.	
· Chemicals known to cause developmental toxicity:	
None of the ingredients is listed.	
· New Jersey Right-to-Know List:	
67-63-0	propan-2-ol
· New Jersey Special Hazardous Substance List:	
67-63-0	propan-2-ol
	F3
· Pennsylvania Right-to-Know List:	
67-63-0	propan-2-ol
· Pennsylvania Special Hazardous Substance List:	
67-63-0	propan-2-ol
	E
· Carcinogenicity categories	
· EPA (Environmental Protection Agency):	
None of the ingredients is listed.	
· TLV (Threshold Limit Value established by ACGIH):	
67-63-0	propan-2-ol
	A4
· NIOSH-Ca (National Institute for Occupational Safety and Health):	
None of the ingredients is listed.	

16 Other information

· **Relevant hazard statements**

H225 Highly flammable liquid and vapor.

H319 Causes serious eye irritation.

H336 May cause drowsiness or dizziness.

The contents and format of this SDS are in accordance with 29 CFR 1910.1200.

DISCLAIMER OF LIABILITY :

The information in this SDS was obtained from sources which we believe are reliable. However, the information is provided without any warranty, express or implied, regarding its correctness. The conditions or methods of handling, storage, use or disposal of the product are beyond our control and may be beyond our knowledge. For this and other reasons, we do not assume responsibility and expressly disclaim liability for loss, damage or expense arising out of or in any way connected with the handling, storage, use or disposal of the product. This SDS was prepared and is to be used only for this product. If the product is used as a component in another product, this SDS information may not be applicable.

· **Date of preparation / last revision** 07/01/2020 / -

· **Abbreviations and acronyms:**

IMDG: International Maritime Code for Dangerous Goods

DOT: US Department of Transportation

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IATA: International Air Transport Association
ACGIH: American Conference of Governmental Industrial Hygienists
EINECS: European Inventory of Existing Commercial Chemical Substances
ELINCS: European List of Notified Chemical Substances
CAS: Chemical Abstracts Service (division of the American Chemical Society)
LC50: Lethal concentration, 50 percent
LD50: Lethal dose, 50 percent
NIOSH: National Institute for Occupational Safety
OSHA: Occupational Safety & Health
Flam. Liq. 2: Flammable liquids – Category 2
Eye Irrit. 2A: Serious eye damage/eye irritation – Category 2A
STOT SE 3: Specific target organ toxicity (single exposure) – Category 3

End of document

USA

MIMO-019 RECI A