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Material Safety Data Sheet

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Prepared by: Corporate Regulatory Services, 3M Canada Company
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1 Chemical Product and Company Identification

Tradename:

Alcohol Skin Antiseptics (tinted) (0.5-2.0% CHG, 70% Isopropyl Alcohol)

Product ID:

CH-0000-1943-0	CH-0000-1612-1	CH-0000-2126-1	CH-0000-1590-9
CH-0000-1957-0	CH-0000-1965-3	CH-0000-1952-1	CH-0000-1945-5
CH-0000-2045-3	CH-0000-1958-8	CH-0000-1954-7	CH-0000-1953-9
CH-0000-1948-9	CH-0000-1946-3	CH-0000-1947-1	CH-0000-1944-8
CH-0000-1959-6	CH-0000-1566-9	CH-0000-1579-2	CH-0000-1558-6
CH-0000-1645-1	CH-0000-1648-5	CH-0000-1646-9	CH-0000-1567-7
CH-0000-1557-8			

Intended Use of Product:

Sanitizer

Please note the product IDs listed above are associated with various SoluPrep(TM) and Solu I.V.(TM) products as indicated.

Division:

ZD - 3M Canada Company

Alcohol Skin Antiseptics (tinted) (0.5-2.0% CHG,
70% Isopropyl Alcohol)

Page 2 of 9

2 Hazards Identification

Critical Hazards:

No data available.

See Sections 7 and 11 for further information.

3 Composition/Information on Ingredients

Ingredient Name	CAS Number	Percentage
ISOPROPYL ALCOHOL	67-63-0	50 - 60
WATER	7732-18-5	40 - 50
CHLORHEXIDINE DIGLUCONATE	18472-51-0	1 - 2

Ingredient Statements:

Some of the formats of this product as part of their composition would include either a sponge, swab stick or self-contained applicator as part of their delivery systems.

NOTE:

Each percentage is expressed as the ratio of the weight of the ingredient to the weight of the controlled product.

4 First Aid Measures

Instructions for Eye Contact:

Flush eyes with large amounts of water. If signs/symptoms persist, get medical attention.

Instructions for Skin Contact:

Remove contaminated clothing and shoes. Wash affected area with soap and water. If signs/symptoms develop, get medical attention.

Wash contaminated clothing and clean shoes before reuse.

Instructions for Inhalation:

If signs/symptoms develop, remove person to fresh air. If signs/symptoms persist, get medical attention.

Instructions for Ingestion:

Do not induce vomiting unless instructed to do so by medical personnel. Get medical attention.

Alcohol Skin Antiseptics (tinted) (0.5-2.0% CHG, Page 3 of 9
70% Isopropyl Alcohol)

5 Fire Fighting Measures

Flash point: 13 C CC
Lower Explosive Limit (%): 2 % by volume
Upper Explosive Limit (%): 12 % by volume
Autoignition temperature: Not Available
Suitable Extinguishing Media:
Use fire extinguishers with class B extinguishing agents (e.g., dry chemical, carbon dioxide).
Exposure Hazards during Fire:
Closed containers exposed to heat from fire may build pressure and explode. Vapours may travel long distances along the ground or floor to an ignition source and flash back.
Combustion Products from Fire:
Carbon monoxide - During Combustion;
Carbon dioxide - During Combustion;
Unusual Fire and Explosion Hazards
Flammable liquid and vapour.
Fire Fighting Procedures:
Water may not effectively extinguish fire; however, it should be used to keep fire-exposed containers and surfaces cool and prevent explosive rupture. Wear full protective equipment (Bunker Gear) and a self-contained breathing apparatus (SCBA).
NFPA: Health 1
NFPA: Fire 3
NFPA: Reactivity 0
NFPA: Unusual Reaction Hazard
None
National Fire Protection Association (NFPA) hazard ratings are designed for use by emergency response personnel to address the hazards that are presented by short-term, acute exposure to a material under conditions of fire, spill, or similar emergencies. Hazard ratings are primarily based on the inherent physical and toxic properties of the material but also include the toxic properties of combustion or decomposition products that are known to be generated in significant quantities.

6 Accidental Release Measures

Personal Precautions:

Refer to other sections of this MSDS for information regarding physical and health hazards, respiratory protection, ventilation, and personal protective equipment. Call 3M-HELPS line (1-800-364-3577) for more information on handling and managing the spill.

Environmental Procedures

No data available.

Alcohol Skin Antiseptics (tinted) (0.5-2.0% CHG,
70% Isopropyl Alcohol)

Page 4 of 9

Methods for cleaning up

No data available.

Spill Response:

Evacuate unprotected and untrained personnel from hazard area. The spill should be cleaned up by qualified personnel. Remove all ignition sources such as flames, smoking materials, and electrical spark sources. Use only non-sparking tools. Ventilate the area with fresh air. For large spill, or spills in confined spaces, provide mechanical ventilation to disperse or exhaust vapors, in accordance with good industrial hygiene practice. Warning! A motor could be an ignition source and could cause flammable gases or vapors in the spill area to burn or explode. Contain spill. Working from around the edges of the spill inward, cover with bentonite, vermiculite, or commercially available inorganic absorbent material. Mix in sufficient absorbent until it appears dry. Remember, adding an absorbent material does not remove a toxic, corrosivity or flammability hazard. Collect as much of the spilled material as possible using non-sparking tools. Clean up residue with water. Collect the resulting residue containing solution. Place in a metal container approved for transportation by appropriate authorities. Seal the container. Dispose of collected material as soon as possible.

7 Handling and Storage

Storage Requirements:

No data available.

Incompatible Materials:

Store away from heat; Sparks and/or Flames; Store out of direct sunlight. Store away from acids; Store away from oxidizing agents. Avoid alkali metals (eg. sodium);

Ventilation:

No data available.

Explosion Prevention:

Keep away from heat, sparks, open flame, pilot lights and other sources of ignition.

Static Prevention:

Avoid static discharge.

Use Instructions:

Keep container tightly closed. For industrial or professional use only. Avoid contact with oxidizing agents.

Alcohol Skin Antiseptics (tinted) (0.5-2.0% CHG, 70% Isopropyl Alcohol) Page 5 of 9

8 Exposure Controls/Personal Protection

Personal Protection

Eye Protection:

Avoid eye contact with vapours, mists, or spray.

Hand Protection:

Not applicable.

Skin Protection:

No data available.

Respiratory Protection:

Avoid breathing of vapours, mists or spray.

Ingestion (Prevention):

Not applicable.

Recommended Ventilation:

Use in a well-ventilated area.

Ingredient Exposure Data

ISOPROPYL ALCOHOL (67-63-0)

LD50 (rat, oral)

5045 mg/kg

LD50 (dermal, rabbit)

12800 mg/kg

LC50 (rat, inhalation/4 hours)

17000 ppm

Exposure Limits

ACGIH: TWA 200 ppm (Table A4)

ACGIH: STEL 400 ppm (Table A4)

400 ppm ACGIH: STEL 200 ppm ACGIH: TWA

WATER (7732-18-5)

LD50 (rat, oral)

> 90 ml/kg

LC50 (rat, inhalation/4 hours)

No data available.

Exposure Limits

No data available.

CHLORHEXIDINE DIGLUCONATE (18472-51-0)

LD50 (rat, oral)

No data available.

LC50 (rat, inhalation/4 hours)

No data available.

Exposure Limits

No data available.

Alcohol Skin Antiseptics (tinted) (0.5-2.0% CHG, 70% Isopropyl Alcohol)

Page 6 of 9

9 Physical and Chemical Properties

Physical form, Color, Odour:	Liquid; light red; alcohol odour;
Odour Threshold:	No data available.
pH:	5 - 8 at 25 C
Boiling point/boiling range:	Not Available
Melting point/melting range:	Not Available
Vapour pressure:	Not Available
Water Solubility:	100 %
Specific gravity:	0.872 - 0.887 Water=1
Vapour density:	Not Available
Volatile organic compounds:	Not Available
Evaporation rate:	Not Available
Viscosity:	Not Available
Percent Volatile:	Not Available

10 Stability and Reactivity

Conditions to Avoid:
Store away from heat; Sparks and/or Flames; Store out of direct sunlight.

Materials to Avoid:
Strong acids; Strong oxidizing agents; Avoid alkali metals (eg. sodium);

Hazardous Decomposition:
Carbon monoxide - During Combustion;
Carbon dioxide - During Combustion;

Stability and Reactivity:
Stable. Hazardous polymerization will not occur.

11 Toxicological Information

Effects from Eye Contact:
Moderate Eye Irritation: Signs/symptoms may include redness, swelling, pain, tearing, and blurred or hazy vision.

Effects from Skin Contact:
Prolonged or repeated exposure may cause: Dermal Effects:
Signs/symptoms may include localized redness, itching, drying and cracking of skin.
Allergic Skin Reaction (non-photo induced): Signs/symptoms may include redness, swelling, blistering, and itching.

Effects from Inhalation:
Respiratory Tract Irritation: Signs/symptoms may include cough, sneezing, nasal discharge, headache, hoarseness, and nose and throat pain.

Alcohol Skin Antiseptics (tinted) (0.5-2.0% CHG, 70% Isopropyl Alcohol)

Page 7 of 9

May be absorbed following inhalation and cause target organ effects.

Effects from Ingestion:

Gastrointestinal Irritation: Signs/symptoms may include abdominal pain, stomach upset, nausea, vomiting and diarrhea.

May be absorbed following ingestion and cause target organ effects.

Sensitization Information:

Allergic Skin Reaction (non-photo induced): Signs/symptoms may include redness, swelling, blistering, and itching.

Carcinogenicity:

No data available.

Mutagenicity:

No data available.

Reproductive Effects:

No data available.

Component Based Information:

No data available.

Product Based Information:

No data available.

Other Effects & Information:

Central Nervous System (CNS) Depression: Signs/symptoms may include headache, dizziness, drowsiness, incoordination, nausea, slowed reaction time, slurred speech, giddiness, and unconsciousness.

12 Ecological Information

Environmental Data:

Ecotoxicity Data:

Not determined.

Ecofate Data:

Not determined.

13 Disposal Considerations

Product as Sold:

Incinerate in a permitted hazardous waste incinerator. Combustion products will include HCl. Facility must be capable of handling halogenated materials. As a disposal alternative, dispose of waste product in a permitted hazardous waste facility.

Product Packaging:

No data available.

Special Instructions:

Since regulations vary, consult applicable regulations or authorities before disposal.

Alcohol Skin Antiseptics (tinted) (0.5-2.0% CHG, Page 8 of 9
70% Isopropyl Alcohol)

14 Transport Information

Transportation of Dangerous Goods

TDG Classification: Limited Quantity;
Special Information:: Contact 3M for more information.
These transportation classifications are provided as a customer service. As the shipper YOU remain responsible for complying with all applicable laws and regulations, including proper transportation classification and packaging. 3M's transportation classifications are based on product formulation, packaging, 3M policies and 3M's understanding of applicable current regulations. 3M does not guarantee the accuracy of this classification information. This information applies only to transportation classification and not the packaging, labeling, or marking requirements. The original 3M package is certified for Canadian ground shipment only. If you are shipping by air or ocean, the package may not meet applicable regulatory requirements.

International Dangerous Goods Classification

IMO Class: CH000015669, CH000015677,
CH000015792, CH000016469 and
CH000015586:
UN Number: UN 3175
Proper Shipping Name: SOLIDS
CONTAINING FLAMMABLE LIQUIDS;
Class: 4.1

CH000016451 and CH000015578:
UN Number: UN 1219
Proper Shipping Name: (isopropanol)
Class: 3

15 Regulatory Information

WHMIS Classification: Exempt (Registered under Food and Drug Act).

NOTE:

This product has been classified in accordance with the hazard criteria of the Controlled Products Regulations (CPR) and the MSDS contains all the information required by the CPR.

Product Certifications:

The product on this MSDS, or all its components, is included on the following countries' chemical inventories, as noted:

Alcohol Skin Antiseptics (tinted) (0.5-2.0% CHG,
70% Isopropyl Alcohol)

Page 9 of 9

AICS - Australian Inventory of Chemical Substances
DSL - Domestic Substances List (Canada)
CICS - Chinese Inventory of Chemical Substances
EINECS - European Inventory of Existing Commercial Chemical
Substances
TSCA - Toxic Substances Control Act (USA)

16 Other Information

Reason for Reissue:

The following Sections and topics have been updated or revised:
Added product id(s) to the MSDS;

The information in this Material Safety Data Sheet (MSDS) is believed to be correct as of the date issued. 3M MAKES NO WARRANTIES, EXPRESSED OR IMPLIED, STATUTORY OR OTHERWISE, INCLUDING, BUT NOT LIMITED TO, ANY IMPLIED WARRANTY OR CONDITION OF MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE OR COURSE OF PERFORMANCE OR USAGE OF TRADE. User is responsible for determining whether the 3M product is fit for a particular purpose and suitable for user's method of use or application. Given the variety of factors that can affect the use and application of a 3M product, some of which are uniquely within the user's knowledge and control, it is essential that the user evaluate the 3M product to determine whether it is fit for a particular purpose and suitable for user's method of use or application.

---End---
