

Material Safety Data Sheet

[NOHSC:2011(2003)]

Printing date: 31.03.2010

Revision: 31.03.2010

1. Identification of material and supplier

Product details:

Trade name: **Premier-WFI Klercide 70/30 Sterile IPA, Premier-WFI Klercide 70/30, Sterile IPA Kleralcohol 70/30 IPA**

Recommended use: Hard Surface Disinfectant solution for use on floors walls and hard surfaces

Manufacturer:

Shield Medicare - A Division of Ecolab
Cheyenne House
West Street
Farnham
Surrey, GU9 7EQ, England

Telephone: +44 (0) 1252 717616

Telefax : +44 (0) 1252 715269

Supplier :

Ecolab Pty. Limited
6 Hudson Avenue
Castle Hill, NSW, 2154
Australia

Telephone: +61 (2) 9680 5444

Telefax : +61 (2) 9680 1643

E-mail address of the competent person responsible for the Safety Data Sheet: msds@shieldmedicare.com

Emergency information:

Emergency Number: +61 (2) 8014 4558 (24/7)

As above or a Poisons Information Centre (Australia 13 1126; New Zealand 0800 764 766)

2. Hazards identification

Hazards Identification

HAZARDOUS SUBSTANCE.

DANGEROUS GOODS.



Xi, Irritant

F, Highly flammable

Risk Phrases

R11: Highly flammable.

R36: Irritating to eyes.

R67: Vapours may cause drowsiness and dizziness.

Safety Phrases

S2: Keep out of the reach of children.

S7: Keep container tightly closed.

S16: Keep away from sources of ignition - No smoking.

S24/25: Avoid contact with skin and eyes.

S26: In case of contact with eyes, rinse immediately with plenty of water and seek medical advice.

Poisons Schedule

Not a scheduled poison (Standard for the Uniform Scheduling of Drugs and Poisons No. 23)

Classification system

Hazard classification according to the criteria of NOHSC [NOHSC:1008(2004)].

Dangerous goods classification according to the Australia Dangerous Goods Code.

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3. Composition/information on ingredients

Chemical characterization

Description: Aqueous solution.

Components:			
CAS: 67-63-0	PROPAN-2-OL	F, R11; Xi, R36; R67	50 – 70 %

4. First aid measures

General information:

Remove contaminated clothing.

After inhalation:

Exposure may cause coughing or wheezing. There may be congestion of the lungs causing severe shortness of breath. There may be loss of consciousness. Convulsions may occur.

Remove casualty from exposure ensuring one's own safety whilst doing so. If unconscious, check for breathing and apply artificial respiration if necessary. If unconscious and breathing is OK, place in the recovery position. If breathing becomes bubbly, have the casualty sit and provide oxygen if available. Transfer to hospital as soon as possible.

After skin contact:

May cause mild irritation and redness at the site of contact.

Instantly wash with plenty of water and rinse thoroughly.

If skin irritation continues, consult a doctor.

After eye contact:

May cause irritation and redness.

Rinse opened eye for several minutes under running water.

Use eye protection.

Call a doctor immediately.

After swallowing:

Nausea and stomach pain may occur. There may be vomiting and diarrhoea. Convulsions may occur. There may be loss of consciousness.

Do not induce vomiting!

Rinse out mouth and then drink plenty of water.

In case of persistent symptoms consult doctor.

5. Fire fighting measures

Suitable extinguishing agents : Alcohol resistant foam. Carbon dioxide.

For safety reasons unsuitable extinguishing agents : None known

Special hazards caused by the material, its products of combustion or flue gases:

Highly flammable. Forms explosive air-vapour mixture. Vapour may travel considerable distance to source of ignition and flash back.

Protective equipment:

Wear self-contained breathing apparatus and full protective clothing along with protective equipment.

Hazchem Code

2YE

6. Accidental release measures

Person-related safety precautions:

Eliminate all sources of ignition. Wear protective clothing and keep away unprotected persons.

Ensure adequate ventilation. Avoid skin and eye contact. Do not breathe vapours.

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Measures for environmental protection:

Do not allow to enter drainage system, surface or ground water.
Inform respective authorities in case product reaches water or sewage system.
Prevent material from reaching sewage system, holes and cellars.

Measures for cleaning/collecting:

Ensure adequate ventilation.
Absorb with liquid-binding material (sand, diatomite, acid binders, universal binders, sawdust).
Send for recovery or disposal in suitable containers.
Dispose of the material collected according to regulations.

7. Handling and storage

Handling

Information for safe handling:

Ensure good ventilation/exhaustion at the workplace.
Ensure good interior ventilation, especially at floor level. (Fumes are heavier than air).
Open and handle container with care.
Avoid skin and eye contact.
Do not inhale vapours/aerosols.
Make sure that all applicable workplace limits are observed.

Information about protection against explosions and fires:

Keep ignition sources away - Do not smoke.
Protect against electrostatic charges.

Storage

Requirements to be met by storerooms and containers:

Store in cool location.
Observe all local and national regulations on storing flammable liquids.

Observe regulations for storage of flammable liquids.

Observe all local and national regulations for storage of water polluting products.

Information about storage in one common storage facility:

Store away from foodstuffs.
Observe regulations for storage of flammable liquids.
Store away from oxidizing agents.

Further information about storage conditions:

Do not seal container gastight.
Store in cool, dry conditions in well sealed containers.
Protect from heat and direct sunlight.
Store container in a well ventilated position.

8. Exposure controls / personal protection

National Exposure Standards

No exposure standard has been established for this product by the Australian National Occupational Health and Safety Commission (NOHSC).

Components with critical values that require monitoring at the workplace:

CAS : 67-63-0 Propan-2-ol : 400 ppm (TWA); 983 mg/m³ (TWA)
500 ppm (STEL); 1230 mg/m³ (STEL)

Biological Limit Values

No information available on biological limit values.

Engineering Controls

A system of local and/or general exhaust is recommended to keep employee exposures as low as possible. Local exhaust ventilation is generally preferred because it can control the emissions of the contaminant at its source, preventing dispersion of it into the general work area.

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Personal Protection

RESPIRATOR: Wear an approved P1 respirator where dusts/vapours are formed (AS/NZS1715/1716). EYES: Chemical safety goggles (AS1336/1337). HANDS: Wear PVC gloves (AS2161). CLOTHING: Impervious coveralls and safety footwear (AS3765/2210).

9. Physical and chemical properties

Form: liquid
Colour: colourless
Smell: characteristic

Change in condition

Melting point/Melting range: n/a

Boiling point/Boiling range: 83 - 100° Celsius

Flammability limits %: lower: 2
upper: 12

Flash point: 21°C

Autoflammability: 425°C

Vapour pressure: 33mgHg@20°C

Relative density: 0.87- 0.88

pH: 5 - 6

Solubility in / Miscibility with

Water: soluble

Organic Solvents: soluble with most

10. Stability and reactivity

Chemical Stability

Product is stable under directed conditions of use, storage and temperature.

Conditions to Avoid

Heat. Sources of ignition. Flames.

Incompatible Materials

Oxidising agents.

Hazardous Decomposition Products

In combustion emits toxic fumes of carbon dioxide / carbon monoxide.

Hazardous Reactions

No data available.

11. Toxicological information

Acute toxicity:

LD/LC50 values that are relevant for classification:

CAS : 67-63-0 Propan-2-ol :

IVN RAT LD50 :	1088 mg/kg
ORL MUS LD50 :	3600 mg/kg
ORL RAT LD50 :	5045 mg/kg
SCU MUS LDLO :	6 gm/kg

12. Ecological information

Ecotoxicity

Mobility:	Volatile. Soluble in water.
Persistence and degradability:	Biodegradable.
Bioaccumulative potential:	No bioaccumulation potential.
Other adverse effects:	Negligible ecotoxicity.

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13. Disposal considerations

Disposal

Disposal must be made in accordance with all local, state and federal regulations.

Special Precautions for Land Fill or Incineration

Waste disposal key numbers from EWC (European waste catalogue) : 2001-30

14. Transport information

Land transport ADG:

ADG Class: 3

Kemler Number: 33

UN-Number: 1219

Label: 3

Packing Group : II

Designation of goods: UN 1219 ISOPROPANOL (ISOPROPYL ALCOHOL)

Maritime transport IMDG-Code:

IMDG Class: 3

UN Number: 1219

Label: 3

EMS Number: F-E,S-D

Marine pollutant : NO

Correct technical name: UN 1219 ISOPROPANOL (ISOPROPYL ALCOHOL)

Air transport ICAO-TI and IATA-DGR:

ICAO/IATA Class: 3

UN/ID Number: 1219

Label: 3

Correct technical name: UN 1219 ISOPROPANOL (ISOPROPYL ALCOHOL)

Hazchem Code : 2YE

15. Regulatory information

Poisons Schedule

Not a scheduled poison (Standard for the Uniform Scheduling of Drugs and Poisons No. 23)

16. Other information

These data are based on our present knowledge. However, they shall not constitute a guarantee for any specific product features and shall not establish a legally valid contractual relationship.

Relevant R-phrases:

The(se) R-phrase(s) are those of the ingredient(s) and do(es) not necessarily represent the classification of the preparation.

R11: Highly flammable.

R36: Irritating to eyes.

R67: Vapours may cause drowsiness and dizziness.