

SAFETY DATA SHEET

17 December 2002

Material safety data sheet for Alcohol Prep pads:

1) Identification of the substance / Preparation and company.

| | |
|---------------------|--|
| Product name | Universal Hospital supplies "ALCOTIP SWABS" 100's |
| Product Code | UNG602/UNG60200/UNG60250 |
| Category | Disinfectant |
| Intended use | For skin cleansing |

Packaging:

| | |
|--------------------|--|
| Type | Blue artwork: Uniwipe range. for individual sachet. Contained in a box of (ca) 65 width, 55mm height, 110 mm Length. |
| Size | Individual sachet 50 mm X 50 mm (manufactured In duo format- 2 individual sachets joined together. |
| Label | Individual sachets carry artwork. |
| Description | Individual sachets are composed of Medical bleach Kraft paper with foil based inner surface. |

Distributor's Address:

| | |
|----------------------------|--|
| Name | Universal Hospital supplies Ltd |
| Address | George House Unit 6 Delta Park Ind. Estate Millmarsh Lane Enfield EN3 7QJ |
| Telephone | 0845 082 0182 |
| Emergency telephone | |
| Fax | 0845 082 0180 |
| Telex | |
| Contact | Mr. Lee Wrigley / Roy Whitehair |

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2) Composition / Information on ingredients.

| Constituent name | CAS Number | Min | Max | Unit |
|-------------------|------------|-----|-----|-------|
| Isopropyl Alcohol | 67-63-0 | | 70 | v/v % |
| Water | 7732-18-5 | | 30 | v/v % |

3) Hazards Identification.

70% Isopropyl alcohol is highly flammable,
Hazard symbol F and is **Irritating** to eyes, symbol X_I. Vapours may cause drowsiness and dizziness.
Note however the individual dose per sachet of Isopropyl alcohol is only of the order of 0.7 g.

4) First-aid measures.

Eyes: Liquid significantly irritating to eyes. If in eyes, hold eyelids open and flush with plenty of water for at least 15 minutes.

Inhalation: Vapours cause a slight smarting of the eyes or respiratory system if present in high concentrations.

Ingestion: Not a normal route of entry. If swallowed and the victim is conscious have the victim drink sips of water and seek immediate medical assistance

Skin: If rash appears discontinue use. Area of skin contact, wash thoroughly with water.

5) Fire Fighting Measures

Specific Hazards: Hazardous combustion products may include carbon monoxide.

Suitable extinguishing media: Use alcohol resistant foam, water spray or fog. Water may be ineffective on fire. Carbon dioxide, dry powder, sand or earth may be used on small fires only.

Flash point of liquid **impregnate** 70 % v/v
Isopropyl alcohol is 110 C (closed cup).

6) Accidental release measures

If the liquid component is spilled, eliminate all possible sources of ignition. Ventilate area to disperse residual vapour. Avoid contact with skin and eyes.

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7) Handling and storage

Keep product away from sources of ignition. Store in containers as supplied between 5 and 40⁰C. Do not store close to strong oxidising agents which could aggravate any fire situation. Use in a well ventilated area. Store in a dry environment away from direct sunlight.

8) Exposure controls / Personal protection.

Avoid contact with eyes.
Use protective gloves made of nitrile.
Occupational exposure limits for Isopropyl alcohol
The 15 minute short term exposure limit for Isopropanol is 500 ppm(0.05 %).The 8 hour time weighted average for Isopropanol is 400 ppm (0.04%).

9) Physical and Chemical properties.

| | |
|------------------------------------|--|
| <u>Appearance:</u> | Solid. Nonwoven cloth impregnated with alcohol |
| Colour | White cloth impregnated with colourless liquid |
| Odour / taste | Rubbing alcohol |
| Flash point (of impregnate) | (ca) 11 ⁰ C (Closed cup) |
| Flammability Limit (of impregnate) | Lower = 2.5 %, Upper = 12.7 % |

10) Stability and reactivity.

Avoid Heat, sparks, flames. Materials to avoid – Strong oxidising agents.

11) Toxicological information. (For Isopropyl alcohol impregnate)

Toxic Dose LD 50 : 5840.00 mg/Kg (oral rat)
Irritant to eyes and mucous membranes. Narcotic effect. CNS depressant. May cause chemical Eye burns.

12) Ecological information.

The Isopropyl alcohol component of this product is biodegradable. It oxidises rapidly by photochemical reactions in air.

13) Disposal considerations.

Confirm disposal procedures with environmental engineer and local regulations.

14) Transport information.

As the finished product contains ISOPROPANOL Impregnated onto a non woven fabric, the classification is.

Proper shipping name: FLAMMABLE SOLID, UN3175 SOLIDS CONTAINING FLAMMABLE LIQUIDS, N.O.S. (Isopropyl alcohol).

15) Regulatory Information

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UK Regulatory references.

The Health and Safety at Work etc Act (1974)
The Control of substances Hazardous to Health
Regulations (1999) (SI 1999 No 437)
The Chemicals (Hazard Information and packaging
For supply) Regulations 1994. (SI 1994 No 3247) –
As amended by The Chemicals (Hazard information
and packaging for supply) (amendment)
Regulations 2000. (SI 2000 No 2381).

16) **Other Information.**

Information contained here in does not constitute
the user's own assessment of workplace risk as
may be required by other Health and Safety
legislation.