

Material Safety Data Sheet

ISO-PROPYL ALCOHOL

Reference	: 3525, 3526, 3527, 3528, 3529, 3530, 3531, 3532 and 3579
Revision Date	: 09 July 2007
Revision Number	: 2
Trade Name	: Chemwipes

1. SUBSTANCE IDENTIFICATION	
Trade Name	: Technical Alcohol and Rubbing Alcohol
Material Type	: Neutral
Company	: Adamtech Ltd t/a Chemwipes
Address	: 7B Whitebridge Estate Whitebridge Lane Stone Staffs ST15 8LQ
Telephone	: 0044 (0) 1785 286660
Fax	: 0044 (0) 1785 286661

2. COMPOSITION /	: Dangerous component is Isopropyl alcohol (IPA) CAS number 67-63-0
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3. HAZARD IDENTIFICATION	
	: Based on the undiluted organic compound in the mixture the product is classified as hazardous : Xi irritant; F flammable

4. FIRST AID MEASURES	
a) Inhalation	: Vapours cause irritation of the respiratory tract. High concentration exposure has a narcotic effect, producing symptoms of dizziness, drowsiness, headache, staggering, unconsciousness : Treatment – move to fresh air, provide warmth. Obtain medical attention if effects continue
b) Eyes	: Vapours cause irritation; splashing may cause eye damage. Flush eyes with large amounts of water for at least 15 minutes. Seek medical attention.
c) Skin	: May cause redness and discomfort. Flush with plenty of water. Seek medical attention if irritation develops.
d) Ingestion	: Effect – unlikely to be a problem. : Do not induce vomiting. Consult a physician

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5. FIRE-FIGHTING MEASURES

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| a) Suitable extinguishers | : carbon dioxide, foam, dry chemical |
| b) Unsuitable extinguishers | : Not applicable |
| c) Hazardous decomposition | : Similar to ordinary combustibles (CO ₂ and CO) |

6. ACCIDENTAL RELEASE MEASURES

: Wear protective equipment. Prevent from entering sewage course. Ventilate area of leak or spill.

7. HANDLING AND STORAGE

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| a) Handling | : Protect against physical damage |
| b) Storage | : Store in cool, dry place out of direct sunlight and away from heat and ignition sources. Consult local fire code authority having jurisdiction to allow storage as an ordinary combustible material. |

8. EXPOSURE CONTROL

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|-----------------------------|------------------|
| Occupational exposure limit | : Not applicable |
| Biological exposure limit | : Not applicable |

9. PHYSICAL AND CHEMICAL PROPERTIES

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| Appearance of impregnating fluid | : Clear, colourless liquid |
| Odour / taste | : Mild alcohol |
| pH | : Neutral |
| Flash point | : 21 deg C |
| Flammability | : Flammable |
| Autoflammability | : Not self-igniting |
| Explosive properties | : Not explosive but explosive air/vapour mixtures possible |
| Oxidising properties | : None |
| Solubility | : Miscible with water |
| Partition coefficient | : Not determined |
| Vapour density | : Not determined |
| Density at 20 deg C | : 0.89 g/cm ³ |

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10. STABILITY AND REACTIVITY

Stability	: Stable under normal conditions
Materials to avoid	: Not determined
Conditions to avoid	: Heat, sources of ignition, sunlight
Hazardous polymerisation	: Will not occur

11. TOXICOLOGICAL INFORMATION

Eye contact	: May cause irritation and discomfort
Skin contact	: May cause degreasing and slight irritations to sensitive skins with prolonged contact
Inhalation	: ND
Ingestion	: ND

12. ECOLOGICAL INFORMATION

: Do not allow to reach ground water or sewage

13. DISPOSAL CONSIDERATION

: Licensed landfill or authorised incineration, depending on local legislation

14. TRANSPORT INFORMATION

ADR/RID	: 4.1 Flammable solid
Packing group	: 4.1 Flammable solid
Marine pollutant	: IMDG class 4.1 Flammable solid; hazard ND

15. REGULATORY INFORMATION

a) Risk phrases	: 10 36 67
b) Safety phrases	: 2 7 16 24/25 26 60
c) Other regulations	: The product is subject to be labelled according to the prevailing version of the regulations on hazardous substances.

16. OTHER INFORMATION

This data sheet is compiled to be of assistance but without guarantee. Users are responsible for safe working practices. Final determination of suitability of any material is the sole responsibility of the user.