

Material Safety Data Sheet

POWERWASH

Reference	: 3580,3581,3582,3583, 3636
Revision Date	09 July 2007
Revision Number	: 2
Trade Name	: Chemwipes

1. SUBSTANCE IDENTIFICATION	
Trade Name	: PowerWash, Industrial
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 components are 2-Butoxyethanol CAS No 111-76-2 80-90% and 1-Methoxy-2-Propanol CAS No 107-98-2 10-25%
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3. HAZARD IDENTIFICATION	
	: Based on the undiluted organic compound in the mixture the product is classified as hazardous
	: Xn 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	: Promptly wash contaminated skin with soap or a mild detergent and water. Promptly remove clothing if soaked through and wash as above.
d) Ingestion	: Promptly encourage affected person to drink lots of water to dilute the swallowed chemicals. Contact physician if a large quantity has been consumed.

Material Safety Data Sheet

5. FIRE-FIGHTING MEASURES

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| a) Suitable extinguishers | : Carbon dioxide, foam, dry chemical |
| b) Unsuitable extinguishers | : Not applicable |
| c) Hazardous decomposition | : May develop highly toxic or corrosive fumes if heated; keep run-off water out of sewers and water courses. If risk of water pollution occurs, notify appropriate authorities. |
| d) Unusual fire and explosion hazards | : May explode in a fire. May travel considerable distance to source of ignition and flash back |

6. ACCIDENTAL RELEASE MEASURES

: Extinguish all ignition sources. Wear protective equipment. Prevent from entering sewage course. Ventilate area of leak or spill. Absorb in vermiculite, dry sand or earth and place into containers.

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 | : 2-Butoxyethanol, Std Lt Exp (8 hrs, 25ppm (Sk)
1-Methoxy-2-Propanol St Lt Exp 100ppm, St Ex (10 min)
300ppm |
| Protective Equipment | : Chemical resistant gloves for prolonged or repeated contact |

9. PHYSICAL AND CHEMICAL PROPERTIES

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| Appearance of impregnating fluid | : Clear, colourless liquid |
| Odour / taste | : Characteristic |
| pH | : Neutral |
| Flash point | : 56 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 |

Material Safety Data Sheet

10. STABILITY AND REACTIVITY

Stability	: Stable under normal conditions
Materials to avoid	: Strong oxidising agents
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	: High concentrations of vapour may cause dizziness, nausea and headaches
Ingestion	: May cause irritation to mouth, respiratory tract and intestinal system

12. ECOLOGICAL INFORMATION

: Do not allow to reach ground water or sewage

13. DISPOSAL CONSIDERATION

: Dispose of in accordance with Local Authority requirements

14. TRANSPORT INFORMATION

UN no – Road, Air, Sea	: UN 1993
ADR class	: 3
ADR Item no	: 3b
Label for conveyance	: Flammable Solid Class 4.1
Air transport class no	: 3
Air pack gr	: III
Sea transport class no	: 3.3
Sea pack gr	: III

15. REGULATORY INFORMATION

a) Risk phrases	: 20 21 22 37
b) Safety phrases	: 2 16 24/25 45 51
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.