

MATERIAL SAFETY DATA SHEET

Product name: Big Wipes – Industrial & Ind. Plus - Antibacterial

1. IDENTIFICATION OF THE FORMULATION	
Product name	Big Wipes - Industrial & Industrial Plus (APD-NR30/25B)
Classification	A mixture of organic solvents, emulsifiers and antibacterial agents in water absorbed on non-woven synthetic wipes.
Chemical name	N/A (complex mixture)
Hazard Symbols	No Hazard Symbol R10 Flammable Liquid
Supplier	SYCAMORE UK LTD Willowbank House 84 Station Road Marlow Bucks SL7 1NX ☎ +44(0)1628 894374 FAX: +44(0)1628 894375 EMAIL: sales@bigwipes.com
Last modified	January, 26, 2007

2. COMPOSITION INFORMATION	
Hazardous ingredients .A.S. Registry numbers and risk phrases	<p>34590-94-8 Dipropylene glycol Methyl Ether (6.0 % max. in the formula); R36 R37 R38;</p> <p>67-63-0 Isopropyl Alcohol (6.0 % max. in the formula); F, R11</p> <p>64742-49-0 Petroleum Distillate (5.0 % max. in formula); Xn, R10; contains less than $\leq 0.1\%$ Benzene</p> <p>Alkyl Dimethyl hydroxyethyl ammonium chloride (1.0% max in formula); C, R22 R34;</p> <p>64-17-5 Ethyl Alcohol (2.5% max. in the formula); F, R11;</p> <p>7173-51-5 N,N-Didecyl-N,N-dimethylammonium chloride (0.18 % max in formula) C; R22, R34</p> <p>26172-55-4 5-Chloro-2-Methyl-4-Isothiazolin-3-One (and) 100-51-6 Benzyl alcohol (and) 2682-20-4 2-Methyl-4-Isouthiazolin-3-one - (together 0.12% in the formula) C, R34, R43, R52/53</p> <p>52-51-7 2-Bromo-2-nitro-propane-1,3-diol; (0.02% in formula) Xn, Risk: R21 R22 R37 R38 R41 R50;</p>
Other ingredients	Emulsifiers, solvents, Aloe Vera and perfume.

3. HAZARD IDENTIFICATION	
Fire	A water solution of solvents - if processed in hot ambient conditions, fire source may produce a flash of fire (consult flash point in paragraph 9).
Contact	May be irritating to the eyes, skin and mucous membranes.
Inhalation	Vapors should not be inhaled for an extended period.
Ingestion	May be harmful if ingested.
4. FIRST AID MEASURES	
Skin	In cases of irritation wash with plenty of soap and water, and temporarily discontinue use of the material.
Eyes	Wash under running water for at least 15 minutes. Consult a doctor.
Inhalation	In case of dizziness as a result of prolonged inhalation, remove to fresh air.
Ingestion	Do NOT induce vomiting. Rinse mouth well with water and offer some milk.
5. FIRE-FIGHTING MEASURES	
Extinguishing media	Use only alcohol compatible foam, dry powder, or Freons.
Unsuitable extinguishing media	Water Spray, Incompatible foam.
Unusual firefighting hazard	Not known.
Special firefighting procedure	Not required.
Combustion products	Not known.
6. ACCIDENTAL RELEASE MEASURES	
Personal precaution	Avoid eye or skin contact.
Precaution to protect the environment	See "cleanup procedure".
Cleanup procedure	No special measures are necessary for the wipes. If the liquid is spilled absorb it with a suitable absorbent. Dispose of in the proper method defined by local authorities.

7. HANDLING & STORAGE	
Handling precautions	Avoid eye and skin contact. Do not inhale vapors for a prolonged period.
Storage	Always store in original container, under cover and in ambient temperatures, not exceeding 45°C [113°F]. Never expose to direct heat or sunlight.
Unsuitable packaging material	Packages incompatible with petroleum distillate or alcoholic solvents.
Incompatibilities	Strong oxidizing agents.
Other information	Not known.
8. EXPOSURE CONTROL AND PERSONAL PROTECTION	
Exposure control	Avoid eye contact. Do not inhale vapors for a prolonged period.
Exposure limit for hazardous ingredient	No exposure limit for the finished product (the pre-soaked wipes).
Personal protective equipment:	
Respiratory	Respiratory equipment not required.
Hand	Use protective gloves (only for the liquid production stage – NOT for final pre-soaked wipes).
Eye	Use safety goggles (only for the liquid production stage).
Skin	Use a proper outfit that covers the body and hands (only for the liquid production stage).
Industrial hygiene	Exercise good industrial hygiene practice. Produce and use in a well ventilated area. Wash after handling, keep away from food.
Other information	Not known

9. PHYSICAL & CHEMICAL PROPERTIES (of the liquid absorbed on the wipes)		
Physical form	Translucent fluorescent liquid	
Density	1.010 ± 0.01	20° /C
pH	5.60 ± 0.70	(10% solution in water)
Flash point	≥ 109.4 F (43° C)	P.M. closed cup
Index of Refraction	1.3580 ± 0.003	
VOC	7.98	Volatile organic content

10. STABILITY AND REACTIVITY	
Stability	Stable under ambient conditions. Extrapolated shelf life is at least 24 months in the original container.
Reactivity:	
Conditions to avoid	Extreme temperatures. Sources of ignition. Static electricity.
Materials to avoid	Strong oxidizing agents.
Hazardous decomposition products	Not known.
11. TOXICOLOGICAL INFORMATION	
Possible health effects:	
Skin	May cause irritation and rash upon prolonged exposure.
Eyes	May cause irritation or damage to the cornea.
Inhalation	Prolonged inhalation of vapor may cause dizziness.
Oral	May cause abdominal pain, nausea, and irritation of mucous membrane.
Other health hazard information	Not known.
LD ₅₀ of finished product	Not available.

12. ENVIRONMENTAL INFORMATION	
Environmental fate and distribution:	
Air	The wipes do not contain chemicals that harm the ozone and do not emit noxious gases.
Water	The mode of use of the wipes minimizes the effect on the municipal sewage system.
Terrestrial Environment	The used tissue should be disposed of according to local regulations, preferably in sealed containers. It should not be incinerated.
Eco-toxicity	Not known (the product does not contain ingredients that are known to be toxic to marine life).
Persistence and degradation	No information is available; however the liquid is over 90% biodegradable.
BOD & COD	Not determined.
Degradation	The liquid is over 90% biodegradable.

13. WASTE DISPOSAL	
Product disposal	The used wipe tissue should be disposed of according to local regulations for hazardous materials, preferably in sealed containers. Do not incinerate.
Package disposal	Packaging should be disposed of in accordance with regional and / or national regulations. Empty package does not pose any special hazard.
14. TRANSPORT INFORMATION	
Road & rail transport	Not subject to ADR & RID regulations
Sea transport	Not subject to IMDG code regulations
Air transport	Not subject to ICAO/IATA regulations

15. REGULATORY INFORMATION - EC directive Classification & Labeling		
Hazard Symbol		No Hazard Symbol
Risk phrases:	R 10	Flammable liquid
	R 22	Harmful if swallowed
Safety phrases:	S 2	Keep out of reach of children
	S 23	Do not breath vapor
	S 62	If swallowed, do not induce vomiting; seek medical advice immediately and show this container or label

16. OTHER INFORMATION
<p>All the information supplied in this data sheet is based on the current knowledge available to SYCAMORE at the time of revision, and is offered in good faith. For further information or clarification of data and any relevant information available on the product and the safety of handling it, please contact SYCAMORE directly. However, we make no warranty of merchantability or any other warranty, express or implied, with respect to such information, and we assume no liability resulting from its use. Users should make their own investigations to determine the suitability of the information for their particular purposes. In no way shall SYCAMORE be liable for any claims, losses, or damages of any third party or for lost profits or any special, indirect, incidental, consequential or exemplary damages, howsoever arising, even if the company has been advised of the possibility of such damages.</p>