

**MATERIAL SAFETY DATA SHEET**

Date: 18.11.16

**ANTIBAC 2K ANTIBACTERIAL WIPE CONCENTRATE****1. IDENTIFICATION OF THE SUBSTANCE/PREPARATION AND OF THE COMPANY/UNDERTAKING**

Trade name	: Antibac 2K Antibacterial Wipe Concentrate
Information on Manufacturer/supplier	: Antibac Laboratories Pte Ltd 53 Ubi Avenue 1 #05-55 Paya Ubi Industrial Park Singapore 408934 Telephone: (65) 6743 5333 Telefax : (65) 6743 2892 Email : enquiry@antibac2k.com
Emergency information	: Telephone: (65) 6743 5333 Telefax : (65) 6743 2892

**2. INGREDIENT AND C.A.S. NO.**

Ingredients	C.A.S. No	Concentration (%)
Deionised Water	7732-18-5	Balance
Fragrance	Mixture	0.20 – 0.50
PEG-45 Palm Kernel Glycerides & PEG-6 Capric/Caprylic Glycerides	Mixture	20.0 – 25.0
PEG-40 Hydrogenated Castor Oil	61788-85-0	20.0 – 25.0
Zinc Ricinoleate	13040-19-2	0.20 – 0.50
Cetylpyridinium Chloride	123-03-5	1.00 – 3.00

**3. PHYSICAL & CHEMICAL DATA**

Form	: Slightly hazy to clear liquid
Colour	: Slight Yellow to Colourless
pH	: 4.5 – 6.5

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**ANTIBAC 2K ANTIBACTERIAL WIPE CONCENTRATE****4. FIRE AND EXPLOSION HAZARD DATA***FIRE AND EXPLOSION HAZARDS:*

Flash Point : N/A

Explosion Limits : N/A

SUITABLE EXTINGUISHING MEDIA: On large fire use dry chemical, foam or water spray. On small fires use carbon dioxide (CO<sub>2</sub>), dry powder or water spray.

EXTINGUISHING MEDIA THAT MUST NOT BE USED FOR SAFETY REASONS: N/A

**SPECIAL HAZARDS FROM THE SUBSTANCE ITSELF, ITS COMBUSTION PRODUCTS OR FROM ITS VAPOURS**

In the event of fire the following can be released;

- Carbon Dioxide, Carbon Monoxide, Nitrogen Oxides

SPECIAL PROTECTIVE EQUIPMENT FOR FIREFIGHTING: Self-contained breathing apparatus and protective clothing should be worn in fighting large fires.

UNUSUAL FIRE FIGHTING HAZARDS: N/A

**5. HEALTH HAZARD IDENTIFICATION**

EYE CONTACT: direct contact may cause irritation, redness and swelling

SKIN CONTACT: prolong or repeated contact may cause slight irritation.

INHALATION: No adverse health effects are expected from inhalation exposure.

IF SWALLOWED: May cause nausea, vomiting and diarrhea

**6. PRECAUTIONARY AND FIRST AID MEASURES**EYE CONTACT:

Avoid direct eye contact with vapor, spray or mist; immediately flush eyes with large amounts of water. Get immediate medical attention.

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SKIN CONTACT:

Avoid prolonged direct skin contact with the solution. Mild skin irritation signs/symptoms can include redness. Flush contact area / skin with large amounts of water. If irritation persists, get medical attention.

INHALATION:

No first aid should be needed. If signs/symptoms of irritation occur, remove person to fresh air.

IF SWALLOWED:

Do not induce vomiting. Drink large quantities of water and seek medical. Show label or the container.

OTHER PRECAUTIONS: N/A

**7. ACCIDENTAL RELEASE MEASURES**

LEAK/SPILL:

Stop spill at source and collect spilled material by mopping and/or by using absorbent material. Rinse site of spillage with running water to reduce slipperiness. Not a concern for small spillages/ residues.

CONTAMINATED PACKAGING:

If empty contaminated containers are recycled or disposed of, the receiver must be informed about possible hazards.

**8. HANDLING AND STORAGE**

Store away from areas where products may come into contact with food or pharmaceuticals. Do not store container in direct sunlight. Store in cool, dry and well-ventilated area. Keep container closed. Keep out of the reach of children.

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**ANTIBAC 2K ANTIBACTERIAL WIPE CONCENTRATE****9. EXPOSURE CONTROL AND PERSONAL PROTECTION**

Exposure Limits	:	N/A
<u>Personal Protections</u>		
Respiratory	:	Not required
Eye Protection	:	Safety glass/goggles, if only necessary.
Hand Protection	:	PVC Gloves, if only necessary

**10. STABILITY AND REACTIVITY DATA**

Stability (thermal, light, etc)	:	Stable at normal temperature and pressure
Thermal Decomposition	:	Not measured.
Hazardous Reactions	:	No hazardous reactions with proper storage and handling.

**11. TOXICOLOGY INFORMATION**

Toxicity data	:	Not measured
Carcinogenicity	:	Not measured
Effect of Over-exposure	:	Not measured
Chronic Effect	:	Not measured
Target Organ	:	Not measured

Note:

Proper use provided, no adverse health effects have been observed or has come to our knowledge.

**12. ECOLOGICAL INFORMATION**

No environmental hazard is anticipated provided that the material is handled and disposed of with due care and attention.

**13. DISPOSAL INFORMATION**

Transfer spilled or used solution into separate suitable container. Dispose in an approved waste facility according to local authority regulation.

**14. REGULATORY INFORMATION**

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N/A

**15. TRANSPORTATION INFORMATION**

Not classified as hazardous for transport.

**16. OTHER INFORMATION**

The information contained herein is based on data considered accurate and is offered solely for information, consideration and investigation. Antibac 2K extends no warranties, makes no representations and assumes no responsibility as to the accuracy, completeness or suitability of this data for any purchaser's use. The data on this Material Safety Data Sheet relates only to this product and does not relate to use with any other material or in any process. All chemical products should be used only by, or under the direction of, technically qualified personnel who are aware of the potential hazards involved and the necessity for reasonable care in handling. Hazard communication regulations require that employees must be trained on how to use a Material Safety Data Sheet as a source for hazard information.