

Material Safety Data Sheet – Bactashield Basic

1. CHEMICAL PRODUCT AND COMPANY IDENTIFICATION

PRODUCT NAME : Bactashield Basic
 MANUFACTURER'S NAME : Excelsia Technologies Sdn.Bhd
 ADDRESS : Unit 103, Block C, Damansara Intan, 47400 Petaling
 Jaya, Selangor, Malaysia
 TELEPHONE NUMBER : (+60)3-71183633

2. COMPOSITION SINGLE OR MIXTURE :

Mixture
 COMPONENT (S) / (CAS No.) :
 Water/ (7732-18-5) : >90%
 Poly-guanidinium/ (374572-91-5) : <1%

3. HAZARDS IDENTIFICATION

Causes eye and skin irritation.
 Harmful if inhaled and ingested.
 POTENTIAL HEALTH EFFECT :
 INHALATION: No effect SKIN
 contact: No effect
 EYES contact: Rinse cautiously with water
 INGESTION: If swallowed: rinse mouth, do not induce
 vomiting

4. FIRST AID MEASURES

INHALATION: Remove to fresh air.
 SKIN contact: In case of irritation seek medical treatment
 EYES contact: Rinse immediately with plenty of water
 INGESTION: Rinse mouth immediately and drink large
 quantities of water

5. FIRE FIGHTING MEASURES

EXTINGUISHING MEDIA : Carbon dioxide, dry chemical powder,
 alcohol resistant foam, water
 FIRE & EXPLOSION HAZARDS : None
 SPECIAL PROTECTIVE EQUIPMENT FOR FIREFIGHTERS : Not necessary

6. ACCIDENTAL RELEASE MEASURES

PERSONAL PRECAUTIONS : Provide adequate ventilation
 ENVIRONMENTAL PRECAUTIONS :
 Prevent spills from entering sewers, watercourses or low areas.

METHODS FOR CLEAN UP :

Absorb with liquid-binding material. Treat the assimilated material according to the section on waste disposal. Avoid generation of dust. Clear contaminated area thoroughly. Wash with generous amount of water.

7. HANDLING AND STORAGE

HANDLING :

Avoid contact with eyes.

Handle material with suitable protection.

STORAGE :

Store in temperature 0-50 degrees C Keep container tightly closed.

INCOMPATIBLE PRODUCTS :

Data none

8. EXPOSURE CONTROLS / PERSONAL PROTECTION VENTILATION :

Local Exhaust: not necessary

PERSONAL PROTECTION : not necessary

RESPIRATORY PROTECTION : not necessary

NIOSH/MSHA or European Standard EN149 approved respirator

HAND PROTECTION : not necessary

EYE PROTECTION : safety glasses

SKIN PROTECTION : not necessary

CONTROL PARAMETER : It is not set.

OSHA Final Limits : It is not set.

ACGIH TLV(s) : It is not set.

9. PHYSICAL AND CHEMICAL PROPERTIES

FLASH POINT : 100 degrees C

BOILING POINT : 100 degrees C

VAPOR PRESSURE: Not applicable VAPOR

DENSITY (air=1) : Not applicable

SPECIFIC GRAVITY : 0.97 (20 degrees C)

p H : 6-8

MELTING POINT : Not applicable

EVAPORATION RATE : Not applicable

SOLUBILITY IN WATER : Infinity

APPEARANCE (color) : colourless

APPEARANCE (form) : liquid

ODOUR : Odourless

10. STABILITY AND REACTIVITY CONDITION TO AVOID :

Sunlight, heat

INCOMPATIBILITY (material to avoid) :

Data none

HAZARDOUS DECOMPOSITION PRODUCT :

Data none

HAZARDOUS POLYMERIZATION :

will not occur

11. TOXICOLOGICAL INFORMATION as Surfactant ; ACUTE TOXICITY DATA :

IRRITATION DATA : MUTATION

DATA :

Data none

TUMORIGENIC DATA :

Data none

ADDITIONAL INFORMATION ;

NTP : Data none IARC : Data

none OSHA : Data none

ACGIH :

Data none

12. ECOLOGICAL INFORMATION BIODEGRADATION :

Data none

BIOACCUMULATION :

Data none

AQUATIC TOXICITY :

Data none

OTHER INFORMATION :

Data none

13. DISPOSAL CONSIDERATIONS

Cautiously add to a large stirred excess of water.

Adjusting the pH to neutral, separate any insoluble solids or liquids and package them for hazardous-waste disposal.

Flush the aqueous solutions down the drain with plenty of water.

14. TRANSPORT INFORMATION

Road and Rail Transport

Not classified as Dangerous Goods by the criteria of the Australian Dangerous Goods Code (ADG Code) for transport by Road and Rail; NON-DANGEROUS GOODS.

Marine Transport

Not classified as Dangerous Goods by the criteria of the International Maritime Dangerous Goods Code (IMDG Code) for transport by sea; NON-DANGEROUS GOODS.

Air Transport

Not classified as Dangerous Goods by the criteria of the International Air Transport Association (IATA) Dangerous Goods Regulations for transport by air; NON-DANGEROUS GOODS.

15. REGULATORY INFORMATION

Non-correspondence

16. OTHER INFORMATION

No specific notes

The content of the description is made based on the investigation of our best. However, neither data nor the evaluation of the description are necessarily the one to guarantee safety enough.

Please handle it carefully because there is an unknown hazardous property in all chemical products enough.

Please set safe use conditions in user's responsibility.

Moreover, please execute the security precaution responding to the system requirements when special handling is done.

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Any disposal practice must be in compliance with country, local, state, and federal laws and regulations (contact country, local or state environmental agency for specific rules).