

MATERIAL SAFETY DATA SHEET

Biogt Dispersant

1. IDENTIFICATION OF THE PRODUCT AND COMPANY DETAILS:

Product Name : Biogt Dispersant
Company : BioGt Group (M) Sdn. Bhd. (875701-W)
Tel : +60 5 8058540
Fax : +60 5 8058541

2. COMPOSITION/INFORMATION ON INGREDIENTS:

Ingredients	CAS No	%
Polyethylene Glycols	9016-45-9	>10
Bacterial/Enzymes	9073-77-22	>25
Isopropyl Alcohol	67-63-0	>5
Frangrance	NE	<5
Dyes / Colours	3844-45-9	<1

3. HAZARDS IDENTIFICATION:

Classification : The preparation is not classified as dangerous for supply.
Biological agents belonging to Groups 2,3 and 4 are absent.
Symbol : No critical hazards

4. FIRST AID MEASURES:

Exposure By:	Symptom:	Treatment:
Eye Contact	Irritation	Irrigate eye thoroughly with water. Obtain medical attention if symptoms persist.
Skin Contact	Irritation	Wash with soap and water.
Inhalation	Irritation of the respiratory tract	Inhalation is unlikely under normal conditions of use. If it occurs, remove from exposure, keep warm and obtain medical attention.
Ingestion	Irritation of digestive system nausea, vomiting, diarrhoea	Ingestion is unlikely under normal conditions of use. If it occurs, wash out mouth thoroughly with water and obtain medical attention.

5. FIRE FIGHTING MEASURES:

Suitable Extinguishing Media : Use water spray. The product is not flammable but solid residues produced by evaporation may give rise to toxic fumes.

Special Exposure Hazards : Avoid skin and eye contact

Special Protective Equipment : Wear gloves, chemical safety glasses and other personal protective equipment appropriate to the situation.

6. ACCIDENTAL RELEASE MEASURES:

Personal Precautions : Wear gloves, chemical safety glasses and other personal protective appropriate to the quantity released.

Environmental Precautions : Contain and absorb with sand or other inert absorbent. Transfer to containers or disposal as indicated below (Section 13).

Decontamination Procedures : Flush spillage area with water and run to waste if local regulations permit. Otherwise prevent run-off to drainage system, collect and dispose of washings.

7. HANDLING AND STORAGE:

Handling : Avoid contact of liquid with eyes and skin

Storage : In a cool, dry place. Do not freeze. Keep container tightly closed when not in use.

8. EXPOSURE CONTROLS/PERSONAL PROTECTION:

Occupational Exposure Limits : Not relevant to this aqueous solution.

Engineering Control Measures : Not required.

Recommended Personal Protection : Eyes - Chemical safety goggles
Hands - Wash hand thoroughly after use

9. PHYSICAL AND CHEMICAL PROPERTIES:

Physical State : Liquid

Colour : Blue

Odour : Fragrant

pH : 7.5

Boiling Point/Range (oC) : 100 oC

Flammability : Not flammable

Oxidising Properties : Not oxidising

Vapour Pressure : H₂O

Relative Density : 1.0

Water Solubility : Miscible

10. STABILITY AND REACTIVITY:

Stability : Stable

Conditions to Avoid : Temperatures below 0°C

Materials to Avoid : Strong alkalis, acids or strong oxidising agents

Hazardous Decomposition Products : Thermal decomposition may produce oxides of carbon

11. TOXICOLOGICAL INFORMATION:

Eyes : Will cause mild irritation and redness

Skin : May cause mild irritation on prolonged contact. Contact with open wounds or broken skin should be avoided.

Inhalation : May irritate nose and upper respiratory tract.

Ingestion : May cause nausea, vomiting and diarrhoea.

Chronic Health Effects :

Other :

12. ECOLOGICAL INFORMATION:

Environmental Assessment	: Preparation may be harmful to fish. Release into surface waters should be avoided unless well diluted.
Mobility	: Preparation is water miscible.
Persistence and Degradability	: Preparation is unlikely to be persistent and is expected to degrade safely.
Bioaccumulation Potential	: Low
Ecotoxicity	:

13. DISPOSAL CONSIDERATIONS:

All disposal must be via an authorised waste disposal contractor to an approved waste disposal site, observing all local and national regulations.

Unused Product	: As above
Used/Contaminated Product	: As above
Empty Container	: wash out thoroughly with plenty of water and return to supplier. Otherwise as substance.

14. TRANSPORT INFORMATION:

The product is not classified as hazardous from transportation
UN/SI Number : Not required.

15. REGULATORY INFORMATION:

Labelling	: This product is not classified as dangerous for supply under the CHIP Regulations 1994
Label Name	:
Symbols	:
Risk Phrases	:
Safety Phrases	:

16. OTHER INFORMATION:

Direction Of Use:

Always shake well before use. Do not apply disinfectants or sanitizers before or after use of Biogt Dispersant. Doing so will neutralize the bio-enzymes or bio-workers.

Drain Pipes & Grease Trap Maintenance: Biogt Dispersant works best when allowed to work uninterrupted or overnight when minimum drain water is discharged. For drain lines, pour 9 to 18 capfuls into kitchen sink, toilet, shower, floor drain, etc. and add 1 cup warm water to activate the product, and stand overnight. Repeat in two or three days. For problem drains, check for obstruction and repeat daily until resolved and then return to maintenance dosage of 9 capfuls every 2 weeks.