



MATERIAL SAFETY DATA SHEET
BIOSPERSE 4011-A

Protection Required



SECTION 1 - MATERIAL IDENTIFICATION AND USE

Manufacturer's Name : PMC Water Systems Services Inc.
Manufacturer's Address : 124 Connie Crescent, Unit 9, Concord, ON L4K 1L7
Manufacturer's Phone # : (905) 669-8262
24 Emergency Phone # : Canutec (613) 996-6666
Product Identifier : Biosperse 4011-A
Product Use : Water Treatment / Biodispersant

SECTION 2 – COMPOSITION/INGREDIENTS OF MATERIAL

| Ingredients | Concentration | CAS # | LD ₅₀ | LC ₅₀ |
|-------------|---------------|-------|------------------|------------------|
|-------------|---------------|-------|------------------|------------------|

SECTION 3 – HAZARDS IDENTIFICATION

Hazard Symbols
Risk Phrases
Safety Phrases
Precautionary Phrases
Other Hazards

SECTION 4 – FIRST AID MEASURES

Eye Contact Flush eyes with running water for at least 15 minutes. There may be irritation and redness at contact site.
Skin Contact Wash thoroughly with soap and water. There may be mild irritation at the site of contact.
Inhalation Consult a doctor.
Ingestion Rinse mouth with water. There may be irritation of the throat.

SECTION 5 – FIRE FIGHTING MEASURES

Flammability Not flammable
Flash Point No Data Available
Autoignition No Data Available
Temperature
Extinguishing Media Use extinguishing media appropriate for surrounding fire. Use water spray to cool containers.
Firefighting Equipment Wear self-contained breathing apparatus. Wear protective clothing to prevent contact with skin and eyes.
Explosion Data Not expected to be sensitive to mechanical impact or static discharge.
Hazardous Combustion In combustion emits toxic fumes.
Products

SECTION 6 – ACCIDENTAL RELEASE MEASURES

Personal Precautions For personal protection see section 8. Turn leaking containers leak-side up to prevent the escape of liquid.
Environment Precautions Do not discharge into drains or rivers. Dike to contain the spill.
Cleanup Procedures Absorb into dry earth or sand. Transfer to a closable, labelled salvage container for appropriate disposal.

SECTION 7 – HANDLING AND STORAGE

| | |
|-----------------------------|---|
| Storage Conditions | Store in a cool, well-ventilated area. Keep container tightly closed. |
| Suitable Packaging | Polyethylene. |
| Unsuitable Packaging | Metals and alloys. |

SECTION 8 – EXPOSURE CONTROLS/PERSONAL PROTECTION

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|-------------------------------|--|
| Respiratory Protection | Not required |
| Skin Protection | Protective gloves. Wear protective clothing and equipment. |
| Eye/Face Protection | Safety goggles. |
| General Hygiene | An eyewash station and safety shower should be available |

SECTION 9 – PHYSICAL AND CHEMICAL PROPERTIES

| | | |
|---|---|---------------------------|
| Physical State | : | Liquid |
| Odour and Appearance | : | Mild odour; yellow liquid |
| Odour Threshold | : | Not Data Available |
| Specific Gravity (Water = 1) | : | 1.05 g/cc |
| Vapour Pressure (mmHg) | : | Not Data Available |
| Vapour Density (Air = 1) | : | Not Data Available |
| Evaporation Rate | : | Not Data Available |
| Boiling Point | : | Above 100°C, 212°F |
| Freezing/Melting Point | : | 0°C, 32°F |
| pH | : | 6.5 – 7.0 |
| Coefficient Water/Oil Distribution | : | Not Available |
| Solubility in Water | : | Soluble |

SECTION 10 – STABILITY AND REACTIVITY

| | |
|--|--|
| Stability/Reactivity | Stable under normal conditions. |
| Conditions for Chemical Instability | Heat |
| Incompatible Materials | Strong acids, alkalis, oxidizing agents and reducing agents. |
| Hazardous Decomposition Products | In combustion emits toxic fumes. |

SECTION 11 – TOXICOLOGICAL INFORMATION

| | | |
|---------------------------------|---|---|
| Routes of Entry | : | Eyes, skin, respiratory and digestive system |
| Skin Contact | : | There may be mild irritation at the site of contact |
| Eye Contact | : | There may be irritation and redness |
| Ingestion | : | There may be irritation of the throat |
| Inhalation | : | No symptoms expected |
| Chronic Exposure Effects | : | Not Data Available |
| Irritancy | : | Not Data Available |
| Sensitization | : | Not Data Available |
| Carcinogenicity | : | Not Data Available |
| Teratogenicity | : | Not Data Available |
| Mutagenicity | : | Not Data Available |
| Reproductive Effects | : | Not Data Available |

SECTION 12 – ECOLOGICAL INFORMATION

| | |
|--------------------------------------|------------------------------|
| Ecotoxicity Values | Not Applicable |
| Persistence and Degradability | Biodegradable |
| Bioaccumulative Potential | No bioaccumulation potential |
| Mobility in Solid | Readily absorbed into soil |
| Other Adverse Effects | Negligible ecotoxicity |

SECTION 13 – DISPOSAL CONSIDERATIONS

Waste Disposal Dispose in accordance with federal, provincial or local government requirements. Contact your local, provincial or federal environmental agency for specific regulations.

SECTION 14 – TRANSPORT INFORMATION

TDG Shipping Regulations Not TDG Regulated

SECTION 15 – REGULATORY INFORMATION

WHMIS Classification Not WHMIS regulated
Domestic Substances List All ingredients in the product are listed on the DSL.

SECTION 16 – OTHER INFORMATION

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While all the data presented is believed to be accurate at the time of preparation, PMC Water Systems Services Inc. makes no warranty; the data is offered for your consideration, investigation and verification.
