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SAFETY DATA SHEET

FUELSTAT® Extraction Buffer

IDENTIFICATION OF THE SUBSTANCE/PREPARATION AND OF THE COMPANY/UNDERTAKING

Identification of substance/preparation

Sample Extraction Buffer

Application

The test kit consists of an extraction buffer in a bottle for the extraction of microorganisms from hydrocarbon liquids. For specific application advice, consult your Conidia Bioscience representative.

Company Identification

Conidia Bioscience Ltd
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Emergency Telephone Number

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Out of office hours

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1. COMPOSITION/INFORMATION ON INGREDIENTS

Chemical composition

A mixture of non-harmful salts in water coloured by a harmless food dye. Preserved with 0.06% Proclin 300 which is classified as non harmful at these concentrations.

Hazardous components

No component is present at sufficient concentration to require a hazardous classification.

2. HAZARDOUS IDENTIFICATION

Unused extraction buffer:

This material is not considered to be hazardous, but should be handled in accordance with good laboratory practices.

Used extraction buffer:

Used buffer will contain a fuel sample that will have the following hazards:

- harmful by inhalation or ingestion.
- irritating to eyes and skin.
- may cause infection by ingestion, inhalation, contact with eyes
- may cause an allergic response by ingestion, inhalation, contact with skin, contact with eyes.

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The safety data sheet for the fuel being tested should be read to identify its hazards and ensure appropriate precautions are taken.

3. FIRST-AID MEASURES

Unused extraction buffer

Eyes

Wash eye thoroughly with copious quantities of water, ensuring eyelids are held open. Obtain any medical advice if any pain develops or persists.

Skin

Wash skin thoroughly with soap and water as soon as reasonably practicable. Remove heavily contaminated clothing and wash underlying skin.

Ingestion

Except as a deliberate act, the ingestion of product is unlikely. If it should occur, do not induce vomiting, obtain medical advice.

If contamination of the mouth occurs, wash out thoroughly with water.

Inhalation

Unlikely to be an inhalation in normal use.

4. FIRE-FIGHTING MEASURES

Under normal conditions the product will not support combustion.

5. ACCIDENTAL RELEASE MEASURES

Spillage is unlikely to occur unless the closure dispenser cap is accidentally removed. Wear suitable protective gloves.

Unused extraction buffer

Contain and recover spilled material using a suitable inert absorbent material
Spilled material may make surface slippery.

Used extract buffer

Cover with disinfectant powder or strong disinfectant. Dispose after allowing to soak for 10 minutes. Wear protective clothing.

6. HANDLING AND STORAGE

Handling Precautions

Wear protective gloves

When adding sample to test, ensure that good handling procedures are followed to avoid spillage and to ensure only the extraction buffer is applied on to test.

Do not contaminate clothing or body with sample.

Avoid contact with eyes and skin.

Wash hands thoroughly after contact.

Whilst using, do not eat, drink or smoke.

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Fire Prevention

This product does not support combustion.

Storage Conditions**Unused kit**

Store at 10°C to 30°C and preferably dry. To avoid deterioration at higher ambient temperatures kit may be stored in a refrigerator.

Keep container tightly closed when not in use.

Used kit

As above.

7. EXPOSURE CONTROLS/PERSONAL PROTECTION**Exposure limits**

There is no appropriate occupational exposure limit for this material.

Ensure good ventilation.

Avoid inhalation of sample that may be accidentally released or when disposing of used bottle.

Protective Clothing

Wear protective gloves and protective clothing recommended locally for handling fuel.

Respiratory Protection

The use of respiratory equipment must be strictly in accordance with manufacturers' instructions and any statutory requirements governing its selection and use.

8. PHYSICAL AND CHEMICAL PROPERTIES**Typical Values**

Physical state	extraction buffer in plastic bottle
Colour	blue solution
Odour	odourless
pH	7.4
Solubility in water	miscible

9. STABILITY AND REACTIVITY

Stable and unlikely to react in a hazardous manner under normal conditions of use.

Hazardous Decomposition

Will not occur.

10. TOXICOLOGICAL INFORMATION**Unused extraction buffer****Eyes**

Unlikely to cause more than transient stinging if accidental eye contact occurs.

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Skin

Unlikely to cause harm to the skin on brief or occasional contact but may be harmful if repeatedly exposed.

Ingestion

Unlikely to cause harm if accidentally swallowed in small doses though larger quantities may cause nausea and diarrhoea.

Inhalation

Product is of low volatility therefore unlikely to present an inhalation hazard.

Used extraction buffer

May cause irritation, infection and allergic response when in contact with eyes and skin due to the presence of hydrocarbon liquids.

May have a similar effect if accidentally ingested or inhaled due to the presence of hydrocarbon liquids.

11. ECOLOGICAL INFORMATION

The material is readily biodegradable.
No evidence of bioaccumulation occurring.
Unlikely to be harmful to aquatic organisms.

12. DISPOSAL CONSIDERATIONS**Unused extraction buffer**

Dispose of through licensed waste disposal contractor in accordance with local regulations.

Used extraction buffer

Treat as fuel and dispose of in accordance with local regulations.

13. TRANSPORT INFORMATION

Not classified as hazardous for transport.

14. REGULATORY INFORMATION

Not classified as hazardous for supply.

15. OTHER INFORMATION

The above information is believed to be correct but does not purport to be all inclusive and shall be used mainly as a guide.