

ECHA Microbiology Limited.

Unit 22 & 23 Willowbrook Technology Park, Llandogo Rd., CARDIFF CF3 0EF, UK

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## ECHA FUEL EXTRACTANT

### SAFETY DATA SHEET

ACCORDING TO EC-REGULATIONS 1907/2006 (REACH), 1272/2008 (CLP) & 2015/830

#### 1. SECTION 1: IDENTIFICATION OF THE SUBSTANCE/MIXTURE AND OF THE COMPANY/UNDERTAKING

<b>1.1 Product identifier</b>	
Product Name	ECHA FUEL EXTRACTANT.
Trade name	ECHA FUEL EXTRACTANT.
Product Code	ECHA04/FE
CAS No.	Mixture.
EINECS No.	Mixture.
REACH Registration No.	None assigned.
<b>1.2 Relevant identified uses of the substance or mixture and uses advised against</b>	
Identified use(s)	Designed to extract microbes from a fuel sample into an aqueous sample.
Uses advised against	None known.
<b>1.3 Details of the supplier of the Safety Data Sheet</b>	
Company Identification	ECHA Microbiology Ltd. Unit 22 & 23 Willowbrook Technology Park Llandogo Rd., CARDIFF CF3 0EF United Kingdom (UK). +44 (0)29 2036 5930 +44 (0)29 2036 1195 <a href="mailto:sales@echamicrobiology.com">sales@echamicrobiology.com</a>
Telephone	
Fax	
E-mail	
<b>1.4 Emergency telephone number</b>	
Company	07970 150682 & 07813 833193

#### 2. SECTION 2: HAZARDS IDENTIFICATION

<b>2.1 Classification of the substance or mixture</b>	
Regulation (EC) No. 1272/2008 (CLP)	Not classified as dangerous for supply/use.
<b>2.2 Label elements</b>	
Product Name	According to Regulation (EC) No. 1272/2008 (CLP) ECHA FUEL EXTRACTANT.
Hazard Pictogram(s)	None.
Signal word(s)	None.
Hazard statement(s)	None.
Precautionary statement(s)	None.
<b>2.3 Other hazards</b>	None.
<b>2.4 Additional Information</b>	No information available.

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## ECHA FUEL EXTRACTANT

### 3. SECTION 3: COMPOSITION/INFORMATION ON INGREDIENTS

#### 3.1 Mixtures

EC Classification No. 1272/2008

Substances	%W/W	CAS No.	EC No.	REACH Registration No.	Hazard pictogram(s) and Hazard statement(s)
Water	≥99	7732-18-5	231-791-2	None assigned	None
Diatomaceous Earth	≤1	61790-53-2	None assigned	None assigned	GHS08, STOT RE 2; H373

#### 3.2 Additional Information

For full text of H/P statements see section 16.

### 4. SECTION 4: FIRST AID MEASURES



#### 4.1 Description of first aid measures

Inhalation  
Skin Contact  
Eye Contact

Remove persons affected by vapour to fresh air.

Wash skin with water.

Hold eyelids apart and flush eyes with plenty of water for at least 15 minutes.

Wash out mouth with water.

Ingestion

#### 4.2 Most important symptoms and effects, both acute and delayed

Unlikely to be required but if necessary treat symptomatically.

#### 4.3 Indication of any immediate medical attention and special treatment needed

No special requirements.

#### 4.4 Additional Information

Exposure to the content of used test kit: If symptoms occur obtain medical attention.

### 5. SECTION 5: FIRE-FIGHTING MEASURES

#### 5.1 Extinguishing Media

Suitable Extinguishing Media  
Unsuitable Extinguishing Media

As appropriate for surrounding fire.

None known.

#### 5.2 Special hazards arising from the substance or mixture

None known.

#### 5.3 Advice for fire-fighters

Fire fighters should wear complete protective clothing including self-contained breathing apparatus. Chemical protection suit.



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### 6. SECTION 6: ACCIDENTAL RELEASE MEASURES

Spillage is unlikely to occur unless the glass bottles of the test kit are broken.

- |   |   |
|---|---|
| <b>6.1 Personal precautions, protective equipment and emergency procedures</b>                      | Wear protective gloves.   |
| <b>6.2 Environmental precautions</b>  | Avoid release to the environment.   |
| <b>6.3 Methods and material for containment and cleaning up</b><br>Unused test kit<br>Used test kit | Cover with absorbent or contain. Collect and dispose. Cover with disinfectant. Wait for at least 10 minutes before recovering for disposal. If broken glass accidentally cuts the skin, clean the wound thoroughly and seek medical advice. |
| <b>6.4 Reference to other sections</b>  | See Also Section 8.   |

### 7. SECTION 7: HANDLING AND STORAGE

- |   |  |
|---|--|
| <b>7.1 Precautions for safe handling</b>                                | Consult the SDS for the sample being tested and take all appropriate precaution. Wear appropriate personal protective equipment, avoid direct contact. Do not eat, drink or smoke when using this product. Wash hands thoroughly after handling. Wash the contaminated area of body with soap and fresh water. |
| <b>7.2 Conditions for safe storage, including any incompatibilities</b> | Store with the vials in an upright position to avoid spillage. Keep container tightly closed in a cool dark place. Keep away from direct sunlight.   |
| <b>7.2.1 Storage Temperature</b><br>Unused test kit<br>Used test kit    | Ideal storage temperature: 2 – 20 °C.<br>Do not store after use.   |
| <b>7.2.2 Storage Life</b>   | Stable under normal conditions.  |
| <b>7.2.3 Incompatible materials</b>                                     | No information available.  |
| <b>7.3 Specific end use(s)</b>  | Designed to extract microbes from a fuel sample into an aqueous sample.  |

## ECHA FUEL EXTRACTANT

### 8. SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION

#### 8.1 Control parameters

##### 8.1.1 Occupational Exposure Limits

SUBSTANCE	CAS No.	LTEL (8 hr TWA ppm)	LTEL (8 hr TWA mg/m <sup>3</sup> )	STEL (ppm)	STEL (mg/m <sup>3</sup> )	Note
Water	7732-18-5	-	-	-	-	Not established
Diatomaceous Earth	61790-53-2	-	1.2	-	-	WEL

Source: WEL: Workplace Exposure Limit (UK HSE EH40)

##### 8.1.2 Biological limit value

No information available.

##### 8.1.3 PNECs and DNELs

No information available.

#### 8.2 Exposure controls

##### 8.2.1 Appropriate engineering controls

Ensure adequate ventilation.

##### 8.2.2 Personal protection equipment

Eye/face protection



Not normally required. Wear protective eye glasses for protection against liquid splashes.

Skin protection (Hand protection/ Other)



Wear protective gloves.

Respiratory protection



Not normally required.

Thermal hazards

Not applicable.

##### 8.2.3 Environmental Exposure Controls

Avoid release to the environment.

### 9. SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

#### 9.1 Information on basic physical and chemical properties

Appearance

Liquid in a glass bottle.

Colour

Off white turbid liquid.

Odour

Odourless.

Odour Threshold (ppm)

Not established.

pH (Value)

Not available.

Melting Point (°C)

Not available.

Boiling point/boiling range (°C)

Not available.

Flash Point (°C)

Not applicable.

Evaporation rate

Not applicable.

Flammability (solid, gas)

Non-flammable.

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Explosive limit ranges	Not applicable.
Vapour Pressure (mm Hg)	Not applicable.
Vapour Density (Air=1)	Not applicable.
Density (g/ml)	Not available.
Bulk Density (g/ml)	Not available.
Solubility (Water)	Miscible.
Solubility (Other)	No information available.
Partition Coefficient (n-Octanol/water)	No information available.
Auto Ignition Temperature (°C)	Not applicable.
Decomposition Temperature (°C)	Not available.
Viscosity (mPa.s)	Not applicable.
Explosive properties	Not explosive.
Oxidising properties	Not oxidising.
<b>9.2 Other information</b>	None.

### 10. SECTION 10: STABILITY AND REACTIVITY

<b>10.1 Reactivity</b>	Stable under normal conditions.
<b>10.2 Chemical stability</b>	Stable under normal conditions.
<b>10.3 Possibility of hazardous reactions</b>	No hazardous reactions known if used for its intended purpose.
<b>10.4 Conditions to avoid</b>	Keep away from direct sunlight.
<b>10.5 Incompatible materials</b>	No information available.
<b>10.6 Hazardous Decomposition Product(s)</b>	No hazardous decomposition products known.

### 11. SECTION 11: TOXICOLOGICAL INFORMATION

<b>11.1 Information on toxicological effects</b>	
Acute toxicity	Low acute toxicity.
Skin corrosion/irritation	Non-irritant.
Serious eye damage/irritation	Non-irritant.
Respiratory or skin sensitisation	It is not a skin sensitiser.
Germ cell mutagenicity	There is no evidence of mutagenic potential.
Carcinogenicity	No evidence of carcinogenicity.
Reproductive toxicity	None anticipated.
STOT - single exposure	None anticipated.
STOT - repeated exposure	None anticipated.
Aspiration hazard	Not classified.
<b>11.2 Other information</b>	None.

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### 12. SECTION 12: ECOLOGICAL INFORMATION

12.1	<b>Toxicity</b>	Low toxicity to aquatic organisms.
12.2	<b>Persistence and degradability</b>	The product is readily biodegradable. Unlikely to persist.
12.3	<b>Bioaccumulative potential</b>	The product has low potential for bioaccumulation.
12.4	<b>Mobility in soil</b>	Miscible with: Water.
12.5	<b>Results of PBT and vPvB assessment</b>	Not classified as PBT or vPvB.
12.6	<b>Other adverse effects</b>	None anticipated.

### 13. SECTION 13: DISPOSAL CONSIDERATIONS

13.1	<b>Waste treatment methods</b>	Dispose at suitable refuse site.
13.2	<b>Additional Information</b>	Disposal should be in accordance with local, state or national legislation.

### 14. SECTION 14: TRANSPORT INFORMATION

Not classified as dangerous for transport.

14.1	<b>UN number</b>	Not applicable.
14.2	<b>Proper Shipping Name</b>	Not applicable.
14.3	<b>Transport hazard class(es)</b>	Not applicable.
14.4	<b>Packing Group</b>	Not applicable.
14.5	<b>Environmental hazards</b>	Not applicable.
14.6	<b>Special precautions for user</b>	Not applicable.
14.7	<b>Transport in bulk according to Annex II of MARPOL73/78 and the IBC Code</b>	Not applicable.
14.8	<b>Additional Information</b>	Not applicable.

### 15. SECTION 15: REGULATORY INFORMATION

15.1	<b>Safety, health and environmental regulations/legislation specific for the substance or mixture</b>	
15.1.1	<b>EU regulations</b>	
	<b>Authorisations and/or restrictions on use</b>	
	Candidate List of Substances of Very High Concern for Authorisation	All chemicals are not listed.
	REACH: Annex XIV List of substances subject to authorisation	All chemicals are not listed.
	REACH: Annex XVII Restrictions on the manufacture, placing on the market and use of certain dangerous substances, mixtures and articles	All chemicals are not listed.
	Community Rolling Action Plan (CoRAP)	All chemicals are not listed.
15.1.2	<b>National regulations</b>	None known.
15.2	<b>Chemical Safety Assessment</b>	Not applicable.

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## ECHA FUEL EXTRACTANT

### 16. SECTION 16: OTHER INFORMATION

The following sections contain revisions or new statements: 1-16.

#### LEGEND

LTEL	Long Term Exposure Limit
STEL	Short Term Exposure Limit
DNEL	Derived No Effect Level
PNEC	Predicted No Effect Concentration
PBT	Persistent, Bioaccumulative and Toxic
vPvB	very Persistent and very Bioaccumulative
STOT RE 2	Specific target organ toxicity — repeated exposure Category 2

#### Disclaimers

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#### Annex to the extended Safety Data Sheet (eSDS)

Not applicable.