

Dip Slides

SAFETY DATA SHEET

ACCORDING TO WORK HEALTH AND SAFETY (WHS) REGULATIONS

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

1.1 Product identifier	
Product Name	Dip Slides.
Trade name	Dip Slides.
Product Code	ECHA09/DS, EC, RS
CAS No.	Mixture.
1.2 Relevant identified uses of the substance or mixture and uses advised against	
Identified use(s)	Prepared culture media for the development of microorganisms (HS 38.21.00.00.00) originating in the water associated with fuel, oil or other petroleum products and water samples from the following non-inclusive list of industrial sectors; aviation, petroleum, automotive, marine, power generation, military, fuel storage and end users of fuel.
Uses advised against	Not to be used to test any substance / sample of human or animal origin.
1.3 Details of the supplier of the Safety Data Sheet	
Distributor	Fuel Treat Australia Pty 30 – 32 Temple Drive PO Box 205 Thomastown VIC 3074 Info@fueltreat.com.au
E-mail	ECHA Microbiology Ltd.
Manufacturer	Unit 22 & 23 Willowbrook Technology Park Llandogo Rd., CARDIFF CF3 0EF United Kingdom (UK). +44 (0) 29 2036 5930 +44 (0) 29 2036 1195 sales@echamicrobiology.co.uk
1.4 Emergency telephone number	
Company, Australia	+61 (2) 9547 1048
Company, United Kingdom	+44(0) 7970 150682 & +44(0) 7908 743709

SECTION 2: HAZARDS IDENTIFICATION

2.1 Classification of the substance or mixture	
In accordance to GHS as implemented under WHS Regulations	Not classified as dangerous for supply/use.
2.2 Label elements	
Product name	In accordance to GHS as implemented under WHS Regulations
Hazard pictogram	Dip Slides.
Signal word(s)	None.
Hazard statement(s)	None.
Precautionary statement(s)	None.
2.3 Other hazards	None.
2.4 Additional Information	None.

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SECTION 3: COMPOSITION/INFORMATION ON INGREDIENTS

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

3.1 Substances

Not applicable.

3.2 Mixtures

Substances	%W/W	CAS No.	Hazard Statement(s)
Water	>96	7732-18-5	None
Agar	<2	9002-18-0	None
Peptones	<2	100209-45-8	None

SECTION 4: FIRST AID MEASURES



4.1 Description of first aid measures

Inhalation
Skin Contact
Eye Contact

Unlikely route of exposure.
Wash with plenty of water.
Hold eyelids apart and flush eyes with plenty of water for at least 15 minutes. If symptoms persist, obtain medical attention.

Ingestion

Wash out mouth with water. Get medical advice/attention if you feel unwell.

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.

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

This product may give rise to hazardous fumes in a fire.
Hazardous decomposition product(s): Carbon monoxide, Carbon dioxide.

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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SECTION 6: ACCIDENTAL RELEASE MEASURES

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

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|--|---|
| 6.1 Personal precautions, protective equipment and emergency procedures | Caution - spillages may be slippery. Wear protective gloves. |
| 6.2 Environmental precautions | Avoid release to the environment. |
| 6.3 Methods and material for containment and cleaning up | |
| Unused test kit | Cover with absorbent or contain. Collect and dispose. |
| Used test kit | 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. |
| 6.4 Reference to other sections | See Also Section 8. |

SECTION 7: HANDLING AND STORAGE

- | | |
|---|---|
| 7.1 Precautions for safe handling | 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. |
| 7.2 Conditions for safe storage, including any incompatibilities | Keep container tightly closed in a cool dark place. Keep away from direct sunlight. |
| Storage Temperature | |
| Unused test kit | Ideal storage temperature: 8 – 15 °C. |
| Used test kit | Incubate at 25° (or the temperature of the system being tested). If an incubator is not available use a dark warm draught free cupboard at 25° C. |
| Storage Life | Stable under normal conditions. |
| Incompatible materials | No information available. |
| 7.3 Specific end use(s) | Prepared culture media for the development of microorganisms (HS 38.21.00.00.00) originating in the water associated with fuel, oil or other petroleum products and water samples from the following non-inclusive list of industrial sectors; aviation, petroleum, automotive, marine, power generation, military, fuel storage and end users of fuel. |

SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION

- 8.1 Control parameters**
Occupational Exposure Limits

SUBSTANCE	CAS No.	LTEL (8 hr TWA ppm)	LTEL (8 hr TWA mg/m³)	STEL (ppm)	STEL (mg/m³)	Note
Water	7732-18-5	-	-	-	-	None assigned
Agar	9002-18-0	-	-	-	-	None assigned
Peptones	100209-45-8	-	-	-	-	None assigned

Source: Workplace Exposure Standards For Airborne Contaminants, 2019, Australia

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8.2 Exposure controls

8.2.1 Appropriate engineering controls

Ensure adequate ventilation.

8.2.2 Individual protection measures, such as personal protective equipment

Eye/face protection



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.

SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

9.1 Information on basic physical and chemical properties

Physical state

Gel on a rectangular plastic slide contained in a clear capped plastic tube.

Colour

Colourless / Yellow / Pink / Brown.

Odour

Odourless.

Melting point/freezing point

90°C

Boiling point or initial boiling point and boiling range

Not available.

Flammability

Non-flammable.

Lower and upper explosion limit

Not applicable.

Flash Point

Not applicable.

Auto-ignition temperature

Not applicable.

Decomposition Temperature

Not available.

pH

5.5-7.5

Kinematic Viscosity

Not applicable.

Solubility

Solubility (Water) : Miscible.
Solubility (Other) : Not known.

Partition coefficient n-octanol/water (log value)

No information available.

Vapour pressure

Not applicable.

Density and/or relative density

Not available.

Relative vapour density

Not applicable.

Particle characteristics

Not applicable.

9.2 Other information

None.

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SECTION 10: STABILITY AND REACTIVITY

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

SECTION 11: TOXICOLOGICAL INFORMATION

11.1	Information on toxicological effects	
	Acute toxicity	Low acute toxicity. Used test kit: May be harmful and cause infection due to the presence of micro-organisms growing in the gel.
	Skin corrosion/irritation	Not classified.
	Serious eye damage/irritation	Not classified.
	Skin sensitization data	It is not a skin sensitiser.
	Respiratory sensitization data	Not classified.
	Germ cell mutagenicity	There is no evidence of mutagenic potential.
	Carcinogenicity	No evidence of carcinogenicity.
	Reproductive toxicity	No evidence of reproductive effects.
	Lactation	Not classified.
	STOT - single exposure	None anticipated.
	STOT - repeated exposure	None anticipated.
	Aspiration hazard	Not classified.
11.2	Other information	None.

SECTION 12: ECOLOGICAL INFORMATION

12.1	Toxicity	Low toxicity to aquatic organisms.
12.2	Persistence and degradability	The product is readily biodegradable. Unlikely to persist.
12.3	Bioaccumulative potential	The product has low potential for bioaccumulation.
12.4	Mobility in soil	Soluble in water.
12.5	Other adverse effects	None anticipated.

SECTION 13: DISPOSAL CONSIDERATIONS

13.1	Waste treatment methods	If there is evidence of microbial contamination (i.e. sports can be seen on the gel) then dispose of as non sterile and used test kits. If no growth is visible on the gel then dispose of as sterile and unused tests.
	Sterile and Unused Dip Slide tests	
	Licensed Waste Contractor	Dispose of via an authorised person / licensed waste contractor in accordance with local, state or national legislation.
	Incineration	Incineration may be carried out under controlled conditions provided local regulations for emissions are met by an authorised person / licensed waste contractor.

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Non sterile and used Dip Slide tests

Disinfection followed by Licensed Waste Contractor

Sterilize the Dip Slides by following manufacturers instructions provided with the test kit. Dispose of via an authorised person / licensed waste contractor in accordance with local, state or national legislation.

Incineration

Classify as a bio-hazardous infectious test kit showing growth. Incineration may be carried out under controlled conditions provided local regulations for emissions are met by an authorised person / licensed waste contractor.

SECTION 14: TRANSPORT INFORMATION

Not classified as hazardous for transport.

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

SECTION 15: REGULATORY INFORMATION

15.1 Safety, health and environmental regulations/legislation specific for the substance or mixture

AICS (Australian Inventory of Chemical Substances)	All chemicals listed.
IMAP (Inventory Multi-Tiered Assessment and Prioritisation) – Stage One chemicals	All chemicals are not listed.
List of PECs (Priority Existing Chemicals)	All chemicals are not listed.
NPI (National Pollutant Inventory) Schedule 10 of WHS Regulations – Prohibited carcinogens, restricted carcinogens and restricted hazardous chemicals	All chemicals are not listed.

SECTION 16: OTHER INFORMATION

The following sections contain revisions or new statements: 9, 15

LEGEND

LTEL	Long Term Exposure Limit
STEL	Short Term Exposure Limit
STOT	Specific Target Organ Toxicity

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Key literature references and sources for data used to compile the SDS:

In accordance to GHS as implemented under WHS Regulations

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