

DIP SLIDES

SAFETY DATA SHEET

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

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

1.1 Product identifier	
GHS Product Identifier	Dip Slides.
Trade name	Dip Slides.
Product Code	Agar Dipslides
CAS No.	Mixture.
EINECS No.	Mixture.
REACH Registration No.	None assigned.
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 emulsions, fuel, oil or other petroleum products.
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	
Company Identification	
Telephone	
E-mail	
1.4 Emergency telephone number	
Emergency Phone No.	

2. SECTION 2: HAZARDS IDENTIFICATION

2.1 Classification of the substance or mixture	
2.1.1 Regulation (EC) No. 1272/2008 (CLP)	Not classified as dangerous for supply/use.
2.1.2 Directive 67/548/EEC & Directive 1999/45/EC	Not classified as dangerous for supply/use.
2.2 Label elements	
2.2.1 Label elements	According to Regulation (EC) No. 1272/2008 (CLP)
GHS Product Identifier	Dip Slides.
Hazard Pictogram	None.
Signal word(s)	None.
Hazard statement(s)	None.
Precautionary statement(s)	None.
2.2.2 Label elements	According to Directive 67/548/EEC & Directive 1999/45/EC
Hazard Symbol	None.
Risk Phrases	None.
Safety Phrases	None.
2.3 Other hazards	May cause irritation to skin and eyes.
2.4 Additional information	No information available.

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3. 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

EC Classification No. 1272/2008

Hazardous ingredient(s)	%W/W	CAS No.	EC No.	REACH Registration No.	Hazard pictogram(s) and Hazard statement(s)
Water	>96	7732-18-5	231-791-2	None assigned.	None.
Agar	<2	9002-18-0	232-658-1	None assigned.	None.
Peptones	<2	100209-45-8	91079-38-3	None assigned.	None.

EC Classification No. 67/548/EEC

Hazardous ingredient(s)	%W/W	CAS No.	EC No.	REACH Registration No.	EC Classification and Risk Phrases
Water	>96	7732-18-5	231-791-2	None assigned.	None.
Agar	<2	9002-18-0	232-658-1	None assigned.	None.
Peptones	<2	100209-45-8	91079-38-3	None assigned.	None.

3.3 Additional Information

No information available.

4. 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 soap and 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 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

Under normal conditions the product will not support combustion

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.

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5.3 Advice for fire-fighters

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

6. SECTION 6: ACCIDENTAL RELEASE MEASURES

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

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

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 plastic accidentally cuts the skin, clean the wound thoroughly and seek medical advice.

6.4 Reference to other sections

See Also Section 8.

7. SECTION 7: HANDLING AND STORAGE

7.1 Precautions for safe handling

Wear appropriate personal protective equipment, avoid direct contact with culture media. 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.

7.2.1 Storage Temperature

Unused test kit

Used test kit

Ideal storage temperature is: 10 – 20 °C.

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.

Stable under normal conditions.

7.2.2 Storage Life

No information available.

7.2.3 Incompatible materials

7.3 Specific end use(s)

Prepared culture media for the development of microorganisms (HS 38.21.00.00.00) originating in water associated with fuel, oil or other petroleum product samples.

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 ³)	STEL (ppm)	STEL (mg/m ³)	Note:
Water	7732-18-5	-	-	-	-	Not established.
Agar	9002-18-0	-	-	-	-	Not established.
Peptones	100209-45-8	-	-	-	-	Not established.




8.1.2 Biological limit value

No information available.

8.1.3 PNECs and DNELs

No information available.

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<p>8.2 Exposure controls</p> <p>8.2.1 Appropriate engineering controls</p> <p>8.2.2 Personal protection equipment</p> <p>Eye/face protection</p>  <p>Skin protection (Hand protection/ Other)</p>  <p>Respiratory protection</p>  <p>Thermal hazards</p> <p>8.2.3 Environmental Exposure Controls</p>	<p>Ensure adequate ventilation.</p> <p>Wear protective eye glasses for protection against liquid splashes.</p> <p>Wear protective gloves.</p> <p>Not normally required.</p> <p>Not applicable.</p> <p>Avoid release to the environment.</p>
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9. SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

<p>9.1 Information on basic physical and chemical properties</p> <p>Appearance</p> <p>Colour</p> <p>Odour</p> <p>Odour Threshold (ppm)</p> <p>pH (Value)</p> <p>Melting Point (°C)</p> <p>Boiling point/boiling range (°C):</p> <p>Flash Point (°C)</p> <p>Evaporation rate</p> <p>Flammability (solid, gas)</p> <p>Explosive limit ranges.</p> <p>Vapour Pressure (mm Hg)</p> <p>Vapour Density (Air=1)</p> <p>Density (g/ml)</p> <p>Bulk Density (g/ml)</p> <p>Solubility (Water)</p> <p>Solubility (Other)</p> <p>Partition Coefficient (n-Octanol/water)</p> <p>Auto Ignition Temperature (°C)</p> <p>Decomposition Temperature (°C)</p> <p>Viscosity (mPa.s)</p> <p>Explosive properties</p> <p>Oxidising properties</p> <p>9.2 Other information</p>	<p>Gel on a rectangular plastic slide contained in a clear capped plastic tube.</p> <p>Colourless / Yellow / Pink /Brown gel.</p> <p>Odourless.</p> <p>Not established.</p> <p>5.5 to 7.5.</p> <p>90°C.</p> <p>Not available.</p> <p>Not applicable.</p> <p>Not applicable.</p> <p>Non-flammable.</p> <p>Not applicable.</p> <p>Not applicable.</p> <p>Not applicable.</p> <p>Not applicable.</p> <p>Not applicable.</p> <p>Not available.</p> <p>Not available.</p> <p>Miscible gel.</p> <p>No information available.</p> <p>No information available.</p> <p>Not applicable.</p> <p>Not available.</p> <p>Not applicable.</p> <p>Not explosive.</p> <p>Not oxidising.</p> <p>None.</p>
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10. SECTION 10: STABILITY AND REACTIVITY

<p>10.1 Reactivity</p> <p>10.2 Chemical stability</p> <p>10.3 Possibility of hazardous reactions</p> <p>10.4 Conditions to avoid</p> <p>10.5 Incompatible materials</p> <p>10.6 Hazardous Decomposition Product(s)</p>	<p>Stable under normal conditions.</p> <p>Stable under normal conditions.</p> <p>Stable under normal conditions.</p> <p>Keep away from direct sunlight.</p> <p>No information available.</p> <p>Carbon monoxide, Carbon dioxide.</p>
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11. SECTION 11: TOXICOLOGICAL INFORMATION

11.1 Information on toxicological effects	
11.1.1 Substances	Not applicable.
11.1.2 Mixtures	
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.
Irritation	May cause irritation to skin and eyes.
Corrosivity	Not classified.
Sensitisation	It is not a skin sensitiser.
Repeated dose toxicity	None anticipated.
Carcinogenicity	No evidence of carcinogenicity.
Mutagenicity	There is no evidence of mutagenic potential.
Toxicity for reproduction	Not classified.
11.2 Other information	None.

12. SECTION 12: ECOLOGICAL INFORMATION

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

13. SECTION 13: DISPOSAL CONSIDERATIONS

13.1 Waste treatment methods	If there is evidence of microbiological contamination (i.e red spots 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 Slidestests	
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.
Non sterile and used Dip Slidestests	
Disinfection followed by Licensed Waste Contractor	Sterilise the Dip Slides by following manufacturers instructions provided with the test kit. Then 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 by authorised person under controlled conditions provided that local regulations for emissions are met.

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14. SECTION 14: TRANSPORT INFORMATION

Not classified as dangerous 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 MARPOL73/78 and the IBC Code	Not applicable.

15. SECTION 15: REGULATORY INFORMATION

15.1	Safety, health and environmental regulations/legislation specific for the substance or mixture.	
15.1.1	EU regulations	
	Authorisations and/or restrictions on use	None known.
15.1.2	National regulations	None known.
15.2	Chemical Safety Assessment	Not available.

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
STOT	Specific Target Organ Toxicity
DNEL	Derived No Effect Level
PNEC	Predicted No Effect Concentration
PBT	PBT: Persistent, Bioaccumulative and Toxic

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Annex to the extended Safety Data Sheet (eSDS)

No information available.