

**SAFETY DATA SHEET**  
MICROPATH SALMONELLA ANTIGEN H GROUP d**Section 1: Identification of the substance/mixture and of the company/undertaking****1.1. Product identifier****Product name:** MICROPATH SALMONELLA ANTIGEN H GROUP d**Product code:** 13045**1.2. Relevant identified uses of the substance or mixture and uses advised against****Use of substance / mixture:** This product is intended for IN VITRO diagnostic use only. NOT FOR USE IN HUMANS.**1.3. Details of the supplier of the safety data sheet****Company name:** Omega Diagnostics Limited

Hillfoots Business Village

Alva

Scotland

FK12 5DQ

[www.omegadiagnostics.com](http://www.omegadiagnostics.com)**Tel:** 01259 763030**Fax:** 01259 761853**Email:** [odl@omegadiagnostics.co.uk](mailto:odl@omegadiagnostics.co.uk)**1.4. Emergency telephone number****Emergency tel:** 01259 763030

(office hours only)

**Section 2: Hazards identification****2.1. Classification of the substance or mixture****Classification under CLP:** This product has no classification under CLP.**2.2. Label elements****Label elements:****Precautionary statements:** P102: Keep out of reach of children.  
P234: Keep only in original container.**2.3. Other hazards****PBT:** This product is not identified as a PBT/vPvB substance.**Section 3: Composition/information on ingredients****3.1. Substances****Chemical identity:** MICROPATH SALMONELLA ANTIGEN H GROUP d**Contains:** Contains no hazardous substances in reportable quantities under the CLP.

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**3.2. Mixture**

Chemical identity	CAS (Chemical Abstracts Service) Number	EiNECS ( European List of Notified Chemical Substances ) EC Number	Level
Thimerosal	54-64-8	200-210-4	<0.01%
Formaldehyde	50-00-0	200-001-8	< 0.1%

**For reference only and not applicable to the concentrations supplied.**

Valid for the 100% chemical only

Thimerosal				
Hazard class/ Hazard categories	Acute Toxicity 2	Specific Target Organ Toxicity - Repeated or Prolonged Exposure (STOT RE) 2	Aquatic Acute 1	Aquatic Chronic 1
Hazard-Statement(s)	H300		Fatal if swallowed	
	H310		Fatal if in contact with skin	
	H330		Fatal if inhaled	
	H373		May cause damage to organs through prolonged or repeated exposure	
	H410		Very toxic to aquatic life with long lasting effects.	

Formaldehyde			
Hazard class/ Hazard categories	Acute Toxicity 2	Aquatic Acute 1	Aquatic Chronic 1
Hazard-Statement(s)	H300		Fatal if swallowed
	H410		Very toxic to aquatic life with long lasting effects.
	H413		May cause long-lasting harmful effects to aquatic life

**Section 4: First aid measures****4.1. Description of first aid measures**

**Skin contact:** Wash immediately with plenty of soap and water.

**Eye contact:** Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do so. Continue rinsing. If eye irritation persists, seek medical advice/attention.

**Ingestion:** Do not induce vomiting. Wash mouth with water and give plenty of water to drink immediately. Obtain medical attention if necessary and show label on container.

**Inhalation:** Irritation is unlikely to occur but in the event of discomfort, provide plenty of fresh air and if necessary seek medical assistance.

**4.2. Most important symptoms and effects, both acute and delayed**

**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.

**4.3. Indication of any immediate medical attention and special treatment needed**

**Immediate / special treatment:** Not applicable.

**Section 5: Fire-fighting measures****5.1. Extinguishing media**

**Extinguishing media:** Suitable extinguishing media for the surrounding fire should be used. Use water spray to cool containers.

**5.2. Special hazards arising from the substance or mixture**

**Exposure hazards:** No known specific hazards

**5.3. Advice for fire-fighters**

**Advice for fire-fighters:** Do not enter fire without proper protective equipment, including respiratory protection.

**Section 6: Accidental release measures****6.1. Personal precautions, protective equipment and emergency procedures**

**Personal precautions:** Refer to section 8 of SDS for personal protection details.

Turn leaking containers leak-side up to prevent the escape of liquid.

**6.2. Environmental precautions**

**Environmental precautions:** Do not discharge into drains or rivers.

**6.3. Methods and material for containment and cleaning up**

**Clean-up procedures:** For small spills, clean up with paper/cloth, or mop up, and dispose of safely.  
Clean area of spillage down with plenty of water.

**6.4. Reference to other sections**

**Reference to other sections:** Refer to section 8 of SDS.

**Section 7: Handling and storage****7.1. Precautions for safe handling**

**Handling requirements:** No special requirements.

**7.2. Conditions for safe storage, including any incompatibilities**

**Storage conditions** Store between 2 deg C (35 F) and 8 deg C (46 F).

Keep container tightly closed.

**Suitable packaging:** Must only be kept in original packaging.

**7.3. Specific end use(s)**

**Specific end use(s):** No data available.

**Section 8: Exposure controls/personal protection****8.1. Control parameters**

**Workplace exposure limits:** No data available.

**DNEL/PNEC Values**

**DNEL / PNEC** No data available.

**8.2. Exposure controls**

**Engineering measures:** Ensure all engineering measures mentioned in section 7 of SDS are in place.

**Respiratory protection:** Respiratory protection not required.

**Hand protection:** Protective gloves.

**Eye protection:** No specific measures are required when using good safe practice.

**Skin protection:** Protective clothing not required in normal use.

**Section 9: Physical and chemical properties****9.1. Information on basic physical and chemical properties**

**State:** Liquid

**Colour:** Red

**Odour:** Odourless

**Solubility in water:** Soluble

**Viscosity:** Non-viscous

**Boiling point/range°C:** >35

**Flash point°C:** >93

**Vapour pressure:** No data available.

**pH:** 7.0 – 7.3

**Melting point/range°C:** No data available.

**Autoflammability°C:** No data available.

**Relative density:** 1.0

**9.2 Other information**

**Other information:** No data available.

**Section 10: Stability and reactivity****10.1. Reactivity**

**Reactivity:** Stable under recommended transport or storage conditions.

**10.2. Chemical stability**

**Chemical stability:** Stable under normal conditions.

**10.3. Possibility of hazardous reactions**

**Hazardous reactions:** Hazardous reactions will not occur under normal transport or storage conditions.

**10.4. Conditions to avoid**

**Conditions to avoid:** Store under storage conditions outlined in Section 7 of this SDS,

**10.5. Incompatible materials**

**Materials to avoid:** None known.

**10.6. Hazardous decomposition products**

**Decomposition products:** No known specific hazards

**Section 11: Toxicological information****11.1. Information on toxicological effects**

**Toxicity values:** No data available.

**Symptoms / routes of exposure**

**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.

**Section 12: Ecological information****12.1. Toxicity**

**Ecotoxicity values:** No data available.

**12.2. Persistence and degradability**

**Persistence and degradability:** Biodegradable.

**12.3. Bioaccumulative potential**

**Bioaccumulative potential:** No bioaccumulation potential.

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**12.4. Mobility in soil**

**Mobility:** Readily absorbed into soil.

**12.5. Results of PBT and vPvB assessment**

**PBT identification:** This product is not identified as a PBT/vPvB substance.

**12.6. Other adverse effects**

**Other adverse effects:** Negligible ecotoxicity.

**Section 13: Disposal considerations****13.1. Waste treatment methods**

**Disposal operations:** Dispose of in accordance with current legislation and local authority regulations.

If outside the U.K, comply with local waste disposal regulations.

**NB:** The user's attention is drawn to the possible existence of regional or national regulations regarding disposal.

**Section 14: Transport information****14.1. UN number**

**UN number:** Not applicable.

**14.2. UN proper shipping name**

**Shipping name:** This product is not covered by international regulation on the transport of dangerous goods (IMDG, IATA, ADR/RID).

**14.3. Transport hazard class(es)**

**Hazard Class:** Product is not classified as hazardous

**14.4. Packing group**

**Group:** Product is not classified as dangerous goods

**14.5. Environmental hazards**

**Environmentally hazardous:** No

**Marine pollutant:** No

**14.6. Special precautions for user**

**Special precautions:** No special precautions.

**Section 15: Regulatory information****15.1. Safety, health and environmental regulations/legislation specific for the substance or mixture**

**Specific regulations:** Not applicable.

**15.2. Chemical Safety Assessment**

**CSA:** Not applicable - product not subject to registration under REACH

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**Section 16: Other information**

**Other information**

**Other information:** This safety data sheet is prepared in accordance with Commission Regulation (EU) No 453/2010.

**Legal disclaimer:** The above information is believed to be correct but does not purport to be all inclusive and shall be used only as a guide. This company shall not be held liable for any damage resulting from handling or from contact with the above product.