



SAFETY DATA SHEET

Creation Date 17-Jan-2012

Revision Date 17-Jan-2012

Revision Number 1

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

Product Identifier

Product Description: Salmonella TEST KIT
Cat No. DR1108

Relevant identified uses of the substance or mixture and uses advised against

Recommended Use In vitro diagnostic.
Uses advised against No Information available

Details of the supplier of the safety data sheet

Company	Supplier
Thermo Fisher Scientific	Oxoid Ltd.
20 Dalglish Street	Wade Road
Thebarton	Basingstoke, Hants, UK
Adelaide	RG24 8PW
South Australia 5031	Telephone: +44 (0) 1256 841144
AUSTRALIA	
Tel: 61 8 8238 9050 or 1800 33 11 63 (Toll Free)	
Fax: 61 8 8238 9060 or 1800 00 70 54 (Toll Free)	
E-mail address	mbd-sds@thermofisher.com

Emergency Telephone Number

Carechem 24: +44 (0) 1865 407333

SECTION 2. HAZARDS IDENTIFICATION

Classification of the substance or mixture

REGULATION (EC) No 1272/2008

Not hazardous

Classification according to EU Directives 67/548/EEC or 1999/45/EC

For the full text of the R-phrases and H-Statements mentioned in this Section, see Section 16

R-phrases(s) none

Label Elements

Signal Word None

Hazard Statements

Other Hazards

No information available.

**SECTION 3. COMPOSITION/INFORMATION ON INGREDIENTS**

Component	EC-No.	Weight %	CAS-No	67/548/EEC Classification	CLP Classification - Regulation (EC) No 1272/2008	REACH No.
Sodium azide 26628-22-8	EEC No. 247-852-1	0.09	26628-22-8	T+; R28 R32 N; R50-53	Acute Tox. 2 (H300) Aquatic Acute 1 (H400) Aquatic Chronic 1 (H410) (EUH032)	-

For the full text of the R-phrases and H-Statements mentioned in this Section, see Section 16

SECTION 4. FIRST AID MEASURES**Description of first aid measures****Eye Contact**

Rinse immediately with plenty of water, also under the eyelids, for at least 15 minutes. Obtain medical attention.

Skin Contact

Wash off immediately with plenty of water for at least 15 minutes. Get medical attention if symptoms occur..

Ingestion

Clean mouth with water and drink afterwards plenty of water. Do not induce vomiting. Get medical attention.

Inhalation

Move to fresh air. Get medical attention if symptoms occur..

Notes to Physician

Treat symptomatically

SECTION 5. FIRE-FIGHTING MEASURES**Extinguishing media****Suitable Extinguishing Media**

Substance is nonflammable; use agent most appropriate to extinguish surrounding fire..

Extinguishing media which must not be used for safety reasons

No information available.

Special hazards arising from the substance or mixture

Thermal decomposition can lead to release of irritating gases and vapors.

Advice for fire-fighters



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As in any fire, wear self-contained breathing apparatus pressure-demand, MSHA/NIOSH (approved or equivalent) and full protective gear

SECTION 6. ACCIDENTAL RELEASE MEASURES

Personal precautions, protective equipment and emergency procedures

Ensure adequate ventilation. Use personal protective equipment. Avoid contact with skin, eyes and clothing.

Environmental precautions

Should not be released into the environment.

Methods and material for containment and cleaning up

Soak up with inert absorbent material. Clean with disinfectants. Keep in suitable, closed containers for disposal.. Do not flush down the drain. Sodium azide may react with plumbing systems to form highly explosive compounds.

SECTION 7. HANDLING AND STORAGE

Precautions for Safe Handling

In vitro diagnostic reagent. Handle as potentially infectious. Ensure adequate ventilation. Wear personal protective equipment. Avoid contact with skin, eyes and clothing. Do not flush down the drain. Sodium azide may react with plumbing systems to form highly explosive compounds.

Conditions for safe storage, including any incompatibilities

Keep container tightly closed in a dry and well-ventilated place. Keep at temperatures between 2 and 8°C.

Specific End Uses

SECTION 8. EXPOSURE CONTROLS/PERSONAL PROTECTION

Control parameters

Exposure limits

Component
Sodium azide

European Union	The United Kingdom	France	Belgium	Spain
Skin TWA 0.1 mg/m ³ STEL 0.3 mg/m ³	Skin TWA 0.1 mg/m ³ STEL 0.3 mg/m ³	VME: 0.1 mg/m ³ 8 heures. restrictive limit VLCT: 0.3 mg/m ³ Skin	Skin TWA 0.1 mg/m ³ STEL 0.3 mg/m ³	Skin VLA-EC: 0.3 mg/m ³ 15 minutos VLA-ED: 0.1 mg/m ³ 8 horas

Component
Sodium azide

Italy	Germany	Portugal	The Netherlands	Finland
TWA: 0.1 mg/m ³ 8 ore. STEL: 0.3 mg/m ³ 15 minuti. Skin	MAK 0.2 mg/m ³ (inhalable)	Ceiling: 0.29 mg/m ³ Ceiling: 0.11 ppm	Skin STEL: 0.3 mg/m ³ 15 minuten TWA: 0.1 mg/m ³ 8 uren	TWA: 0.1 mg/m ³ 8 tunteina STEL: 0.3 mg/m ³ 15 minuutteina Skin

Component

Austria	Denmark	Switzerland	Poland	Norway
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Component	Austria	Denmark	Switzerland	Poland	Norway
Sodium azide	Skin STEL: 0.3 mg/m ³ 15 Minuten MAK: 0.1 mg/m ³ 8 Stunden	TWA: 0.1 mg/m ³ 8 timer Skin	STEL: 0.4 mg/m ³ 15 Minuten MAK: 0.2 mg/m ³ 8 Stunden	NDSch: 0.3 mg/m ³ 15 minutach NDS: 0.1 mg/m ³ 8 godzinach	Skin Ceiling: 0.3 mg/m ³

Component	Bulgaria	Croatia	Ireland	Cyprus	Czech Republic
Sodium azide	TWA: 0.1 mg/m ³ STEL : 0.3 mg/m ³ Skin notation	Skin Notation TWA: 0.2 mg/m ³ 8 satima. STEL: 0.3 mg/m ³ 15 minutama.	TWA: 0.1 mg/m ³ 8 hr. NaN3 STEL: 0.3 mg/m ³ 15 min Skin	Skin-potential for cutaneous absorption STEL: 0.3 mg/m ³ TWA: 0.1 mg/m ³	TWA: 0.1 mg/m ³ 8 hodinách. Potential for cutaneous absorption Ceiling: 0.3 mg/m ³

Component	Estonia	Gibraltar	Greece	Hungary	Iceland
Sodium azide	Skin notation TWA: 0.1 mg/m ³ 8 tundides. STEL: 0.3 mg/m ³ 15 minutites.	Skin notation TWA: 0.1 mg/m ³ 8 hr STEL: 0.3 mg/m ³ 15 min	STEL: 0.1 ppm STEL: 0.3 mg/m ³ TWA: 0.1 ppm TWA: 0.3 mg/m ³	STEL: 0.3 mg/m ³ 15 percekben. TWA: 0.1 mg/m ³ 8 órában.	STEL: 0.3 mg/m ³ TWA: 0.1 mg/m ³ 8 klukkustundum. Skin notation Ceiling: 0.2 mg/m ³

Component	Latvia	Lithuania	Luxembourg	Malta	Romania
Sodium azide	skin - potential for cutaneous exposure STEL: 0.3 mg/m ³ TWA: 0.1 mg/m ³	TWA: 0.1 mg/m ³ Skin notation STEL: 0.3 mg/m ³		possibility of significant uptake through the skin TWA: 0.1 mg/m ³ STEL: 0.3 mg/m ³ 15 minuti	Skin notation TWA: 0.1 mg/m ³ 8 ore STEL: 0.3 mg/m ³ 15 minute

Component	Russia - TWA	Slovak Republic	Slovenia	Sweden	Turkey
Sodium azide		Potential for cutaneous absorption Ceiling: 0.3 mg/m ³	TWA: 0.1 mg/m ³ 8 urah Potential for cutaneous absorption STEL: 0.3 mg/m ³ 15 minutah	STV: 0.3 mg/m ³ 15 minuter LLV: 0.1 mg/m ³ 8 timmar. Skin notation	Skin notation TWA: 0.1 mg/m ³ 8 saat STEL: 0.3 mg/m ³ 15 dakika

Biological limit values

This product, as supplied, does not contain any hazardous materials with biological limits established by the region specific regulatory bodies.

Derived No Effect Level (DNEL)

No information available.

Predicted No Effect Concentration (PNEC)

No information available.

Exposure controls**Engineering Measures**

Ensure adequate ventilation, especially in confined areas Ensure that eyewash stations and safety showers are close to the workstation location

Personal protective equipment**Eye Protection**

Safety glasses with side-shields

Hand Protection

Protective gloves

Skin and body protection

Wear appropriate protective gloves and clothing to prevent skin exposure

Respiratory Protection

Follow the OSHA respirator regulations found in 29 CFR 1910.134 or European Standard EN 149. Use a NIOSH/MSHA or European Standard EN 149 approved respirator if exposure limits are exceeded or if irritation or other symptoms are experienced



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Hygiene Measures Handle in accordance with good industrial hygiene and safety practice
Environmental exposure controls No information available.

SECTION 9. PHYSICAL AND CHEMICAL PROPERTIES

Physical State	Liquid
pH	No data available
Boiling Point/Range	Not applicable
Melting Point/Range	No information available.
Flash Point	Not applicable
Autoignition Temperature	No information available.

SECTION 10. STABILITY AND REACTIVITY

Reactivity

Chemical Stability

Stable under normal conditions.

Possibility of Hazardous Reactions

Hazardous Polymerization	Hazardous polymerization does not occur.
Hazardous Reactions .	None under normal processing..

Conditions to Avoid

Excess heat.

Incompatible Materials

Acids, Strong oxidizing agents.

Hazardous Decomposition Products

None under normal use conditions.

SECTION 11. TOXICOLOGICAL INFORMATION

Information on Toxicological Effects

Acute Toxicity

Product Information	Product does not present an acute toxicity hazard based on known or supplied information
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Component Information



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Component
Sodium azide

LD50 Oral	LD50 Dermal	LC50 Inhalation
27 mg/kg (Rat)	20 mg/kg (Rabbit) 50 mg/kg (Rat)	

Chronic Toxicity

Carcinogenicity

The table below indicates whether each agency has listed any ingredient as a carcinogen

Sensitization

No information available.

Mutagenic Effects

No information available

Reproductive Effects

No information available.

Developmental Effects

No information available.

Target Organs

None known.

Endocrine Disruptor Information

None known

SECTION 12. ECOLOGICAL INFORMATION

Toxicity

Ecotoxicity effects

Component	Freshwater Algae	Freshwater Fish	Microtox	Water Flea
Sodium azide		0.8 mg/L LC50 96 h 0.7 mg/L LC50 96 h 5.46 mg/L LC50 96 h		

Persistence and degradability

No information available

Bioaccumulative potential

No information available.

Mobility in soil

No information available.

Results of PBT and vPvB assessment

Other adverse effects

No information available



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SECTION 13. DISPOSAL CONSIDERATIONS

Waste treatment methods

Waste from Residues / Unused Products Dispose of in accordance with local regulations

Contaminated Packaging Empty containers should be taken to local recyclers for disposal

SECTION 14. TRANSPORT INFORMATION

IMDG/IMO Not regulated

ADR Not regulated

IATA Not regulated

SECTION 15. REGULATORY INFORMATION

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

International Inventories

Component	EINECS	ELINCS	NLP	TSCA	DSL	NDSL	PICCS	ENCS	CHINA	AICS	KECL
Sodium azide	247-852-1	-		X	X	-	X	X	X	X	X

Legend

TSCA - United States Toxic Substances Control Act Section 8(b) Inventory

EINECS/ELINCS - European Inventory of Existing Commercial Chemical Substances/EU List of Notified Chemical Substances

DSL/NDSL - Canadian Domestic Substances List/Non-Domestic Substances List

PICCS - Philippines Inventory of Chemicals and Chemical Substances

ENCS - Japan Existing and New Chemical Substances

CHINA - China Inventory of Existing Chemical Substances

AICS - Inventory of Chemical Substances

KECL - Existing and Evaluated Chemical Substances

Chemical Safety Assessment



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SECTION 16. OTHER INFORMATION

Full text of R-phrases referred to under sections 2 and 3

R28 - Very toxic if swallowed

R32 - Contact with acids liberates very toxic gas

R50/53 - Very toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment

Full text of H-Statements referred to under sections 2 and 3

H300 - Fatal if swallowed

H400 - Very toxic to aquatic life

H410 - Very toxic to aquatic life with long lasting effects

EUH032 - Contact with acids liberates very toxic gas.

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Revision Summary Not applicable

This safety data sheet complies with the requirements of Regulation (EC) No. 1907/2006

Disclaimer

The information provided on this Safety Data Sheet is correct to the best of our knowledge, information and belief at the date of its publication. The information given is designed only as a guide for safe handling, use, processing, storage, transportation, disposal and release and is not to be considered as a warranty or quality specification. The information relates only to the specific material designated and may not be valid for such material used in combination with any other material or in any process, unless specified in the text.

End of Safety Data Sheet