Ortho Clinical Diagnostics

SAFETY DATA SHEET

Issuing Date 18-Sep-2015 **Revision Date** 18-Sep-2015 **Revision Number** 0

Section 1. Identification of the substance/mixture and of the company/undertaking

1.1. Product identifier

Product Code(s) OCDUK6802327

Product Name **VITROS Chemistry Products DAT Performance Verifier I**

Pure substance/mixture Mixture

Contains Sodium azide

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

Recommended Use In vitro diagnostic

Uses advised against No information available

1.3. Details of the supplier of the safety data sheet

Importer
OCD ESC
24, Bld Sebastien Brant BP 30335
Illkirch Graffenstaden
67411
France

Supplier
Ortho-Clinical Diagnostics, Inc.
100 Indigo Creek Drive
Rochester, NY 14626-5101

For further information, please contact

E-mail Address
UK - ukhotline@its.jnj.com
French - hotlinefrance@its.jnj.com
German - ocdtechsupport-de@its.jnj.com
Italian - italianhl@its.jnj.com
Nordic - nordichotline@its.jnj.com
Polish - polskahl@its.jnj.com
Portuguese - Port_OCDhotline@its.jnj.com
South Ireland - UKhotline@its.jnj.com
Spanish - spanishhotline@its.jnj.com

1.4. Emergency telephone number

Emergency Telephone Number

Transportation Emergencies:
US Telephone Number: (800) 424-9300
International and Maritime Telephone Number: +1 (703) 527-3887

US:
(800) 421-3311

Europe	UK 0800 895 963 French 03 88 65 47 33 German 0800 181 48 97 Italian 800 870 655 Nordic 00800 0837 2560 Polish 0800 331 13 58 Portuguese 800 83 31 43 South Ireland +33 (0) 3 88 65 47 63 Spanish 900 97 33 25

Section 2. Hazards identification

2.1. - Classification of the substance or mixture

REGULATION (EC) No 1272/2008
Not classified

Physical Hazards
None

2.2. Label Elements
Not classified

Signal Word **None**

2.3. Other information
May be harmful if swallowed. May be harmful in contact with skin. Contains: Urine.

Section 3. Composition/information on ingredients

3.1. Substances
Not applicable

3.2. Mixtures

Chemical Name	EC-No	CAS-No	Weight %	EU - GHS Substance Classification	REACH No.
Sodium azide	247-852-1	26628-22-8	0.09	Acute Tox. 2 (H300) (EUH032) Aquatic Acute 1 (H400) Aquatic Chronic 1 (H410)	No data available

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

Note
The overall mixture is not classified; however, an SDS is required upon request because it contains an ingredient which has a community exposure limit.

Section 4. First aid measures

4.1. Description of first-aid measures

Eye Contact Rinse thoroughly with plenty of water for at least 15 minutes and consult a physician.

Skin Contact Wash off immediately with soap and plenty of water removing all contaminated clothes and shoes.

Ingestion Clean mouth with water and afterwards drink plenty of water.

Inhalation Move to fresh air.

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

Most Important Symptoms/Effects No information available.

4.3. Indication of immediate medical attention and special treatment needed

Notes to Physician Treat symptomatically.

Section 5. Fire-fighting measures

5.1. Extinguishing media

Suitable Extinguishing Media
Use extinguishing measures that are appropriate to local circumstances and the surrounding environment.

Extinguishing media which must not be used for safety reasons
No information available.

5.2. Special hazards arising from the substance or mixture

Special exposure hazards arising from the substance or preparation itself, combustion products, resulting gases
None in particular.

5.3. Advice for firefighters

Special protective equipment for fire-fighters
As in any fire, wear self-contained breathing apparatus and full protective gear.

Section 6. Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures
Use personal protective equipment. Do not touch damaged containers or spilled material unless wearing appropriate protective clothing. Avoid contact with skin, eyes and clothing.

6.2. Environmental precautions
Prevent further leakage or spillage if safe to do so.

6.3. Methods and materials for containment and cleaning up
Wipe up with absorbent material (e.g. cloth, fleece). Pick up and transfer to properly labeled containers.

Clean contaminated surface thoroughly. Clean with disinfectants. Sodium azide has been reported to form lead or copper azides in laboratory plumbing. These azides are potentially explosive. To prevent buildup, flush plumbing with a large volume of water while disposing of these solutions in the sink.

6.4. Reference to other sections
See Section 12 for additional information.

Section 7. Handling and storage

7.1. Precautions for Safe Handling
Handling
Handle in accordance with good industrial hygiene and safety practice. Wear personal protective equipment. Refer to Section 8. Avoid contact with skin, eyes and clothing. Wash thoroughly after handling.

Hygiene Measures
Handle in accordance with good industrial hygiene and safety practice.

7.2. Conditions for safe storage, including any incompatibilities
Keep at temperatures between 2 °C and 8 °C. Do not freeze.

7.3. Specific end use(s)
Exposure Scenario
No information available.

Other Guidelines
No information available.

Section 8. Exposure controls/personal protection

8.1. Control parameters

Exposure Limits

Chemical Name	EU	The United Kingdom	France	Spain	Germany
Sodium azide 26628-22-8	S* TWA 0.1 mg/m³ STEL 0.3 mg/m³	STEL: 0.3 mg/m³ TWA: 0.1 mg/m³ Skin	VME: 0.1 mg/m³ VLCT: 0.3 mg/m³	S* VLA-EC: 0.3 mg/m³ VLA-ED: 0.1 mg/m³	MAK: 0.2 mg/m³ Ceiling / Peak: 0.4 mg/m³ TWA: 0.2 mg/m³
Component	**Italy**	**Portugal**	**The Netherlands**	**Finland**	**Denmark**
Sodium azide 26628-22-8 (0.09)	TWA: 0.1 mg/m³ STEL: 0.3 mg/m³ Skin	Ceiling: 0.29 mg/m³ Ceiling: 0.11 ppm	Skin STEL: 0.3 mg/m³ TWA: 0.1 mg/m³	TWA: 0.1 mg/m³ STEL: 0.3 mg/m³ Skin	TWA: 0.1 mg/m³ Skin
Chemical Name	**Austria**	**Switzerland**	**Poland**	**Norway**	**Ireland**
Sodium azide 26628-22-8	Skin STEL 0.3 mg/m³ MAK: 0.1 mg/m³	STEL: 0.4 mg/m³ MAK: 0.2 mg/m³	NDSCh: 0.3 mg/m³ NDS: 0.1 mg/m³ Skin	Skin Ceiling: 0.3 mg/m³	TWA: 0.1 mg/m³ STEL: 0.3 mg/m³ Skin

Derived No Effect Level No information available
Predicted No Effect Concentration (PNEC) No information available.

8.2. Exposure controls

Engineering Measures Ensure adequate ventilation, especially in confined areas.
Personal protective equipment
Eye Protection If splashes are likely to occur, wear: Safety glasses with side-shields.
Skin and Body Protection Lightweight protective clothing.
Hand Protection Protective gloves.
Respiratory Protection None required under normal usage.

Environmental Exposure Controls No information available.

Section 9. Physical and chemical properties

9.1. Information on basic physical and chemical properties

Physical State Liquid **Appearance** Colourless to light yellow
Odor Odorless

Property	Values	Remarks/ - Method
pH	7	None known
Melting Point/Range	No data available	None known
Boiling Point/Boiling Range	100 °C / 212 °F	None known
Flash Point	Not determined.	None known
Evaporation rate	No data available	None known
Flammability (solid, gas)	No data available	None known
Vapor Pressure	No data available	None known
Vapor Density	No data available	None known
Relative Density	1.0	None known
Water Solubility	No data available	None known
Solubility in other solvents	No data available	None known
Partition coefficient: n-octanol/water	No data available	None known
Autoignition Temperature	No data available	None known
Decomposition Temperature	No data available	None known
Viscosity	No data available	None known

Explosive Properties No data available
Oxidizing Properties No data available

9.2. Other information

VOC Content (%) No information available
Flammability Limits in Air No data available

Section 10. Stability and reactivity

10.1. Reactivity
Not reactive under normal conditions.

10.2. Chemical stability
Stable under normal conditions.

10.3. Possibility of hazardous reactions
None under normal processing.

10.4. Conditions to avoid
Ignitions sources - heat, sparks and open flames. Sodium azide has been reported to form lead or copper azides in laboratory plumbing. These azides are potentially explosive. To prevent buildup, flush plumbing with a large volume of water while disposing of these solutions in the sink.

10.5. Incompatible materials
No information available.

10.6. Hazardous decomposition products
None under normal use.

Section 11. Toxicological information

11.1. Information on toxicological effects

Acute Toxicity

Product Information

Inhalation Not an expected route of exposure. No known hazard by inhalation.
Eye Contact May cause slight irritation.
Skin Contact May be harmful in contact with skin.
Ingestion May be harmful if swallowed.

Chemical Name	LD50 Oral	LD50 Dermal	LC50 Inhalation
Sodium azide	= 27 mg/kg (Rat)	= 20 mg/kg (Rabbit) = 50 mg/kg (Rat)	

Sensitization No information available.
Mutagenic Effects No information available.
Carcinogenic Effects Contains no ingredients above reportable quantities listed as a carcinogen.

Reproductive Toxicity No information available.
Developmental Toxicity No information available.
STOT - single exposure No information available.
STOT - repeated exposure No information available.
Aspiration Hazard No information available.

Section 12. Ecological information

12.1. Toxicity

Ecotoxicity Effects
The environmental impact of this product has not been fully investigated. Contains a substance which is very toxic to the aquatic environment with long lasting effects at very low concentrations.

Chemical Name	Toxicity to Algae	Toxicity to Fish	Toxicity to Microorganisms	Daphnia Magna (Water Flea)
Sodium azide		LC50 96 h: = 0.7 mg/L (Lepomis macrochirus) LC50 96 h: = 0.8 mg/L (Oncorhynchus mykiss) LC50 96 h: = 5.46 mg/L flow-through (Pimephales promelas)		

12.2. Persistence and degradability

No information available.

12.3. Bioaccumulative potential.

No information available.

12.4. Mobility in soil

No information available.

12.5. Results of PBT and vPvB assessment

No information available.

12.6. Other adverse effects

This product does not contain any known or suspected endocrine disruptors.

Section 13. Disposal considerations

13.1. Waste treatment methods

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

Contaminated Packaging Empty containers should be taken to an approved waste handling site for recycling or disposal.

Section 14. Transport information

IMDG/IMO

14.1. UN-Number Not regulated.
14.2. Proper Shipping Name Not regulated.
14.3. Hazard Class Not regulated.
14.4. Packing Group Not regulated.
Description Not applicable.
14.5. Marine Pollutant None.
14.6. Special Provisions None.
14.7. Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code No information available.

RID

14.1. UN-Number	Not regulated.
14.2. Proper Shipping Name	Not regulated.
14.3. Hazard Class	Not regulated.
14.4. Packing Group	Not regulated.
Description	Not applicable.
14.5. Environmental hazard	None.
14.6. Special Provisions	None.

ADR

14.1. UN-Number	Not regulated.
14.2. Proper Shipping Name	Not regulated.
14.3. Hazard Class	Not regulated.
14.4. Packing Group	Not regulated.
Description	Not applicable.
14.5. Environmental hazard	None.
14.6. Special Provisions	None.

ICAO

14.1. UN-Number	Not regulated.
14.2. Proper shipping name	Not regulated.
14.3. Hazard Class	Not regulated.
14.4. Packing Group	Not regulated.
Description	Not applicable.
14.5. Environmental hazard	None.
14.6. Special Provisions	None.

IATA

14.1. UN-Number	Not regulated.
14.2. Proper Shipping Name	Not regulated.
14.3. Hazard Class	Not regulated.
14.4. Packing Group	Not regulated.
Description	Not applicable.
14.5. Environmental hazard	None.
14.6. Special Provisions	None.

Section 15. Regulatory information

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

International Inventories

TSCA	Exempt
EINECS/ELINCS	Exempt
DSL/NDSL	Exempt
PICCS	Exempt
ENCS	Exempt
IECSC	Exempt
AICS	Exempt
KECL	Exempt

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
IECSC - China Inventory of Existing Chemical Substances
AICS - Australian Inventory of Chemical Substances
KECL - Korean Existing and Evaluated Chemical Substances

15.2. Chemical Safety Assessment
No information available

Section 16. Other information

Full text of H-Statements referred to under sections 2 and 3
EUH032 - Contact with acids liberates very toxic gas
H400 - Very toxic to aquatic life
H410 - Very toxic to aquatic life with long lasting effects

Key literature references and sources for data
www.ChemADVISOR.com/

Issuing Date	18-Sep-2015
Revision Date	18-Sep-2015
Revision Note	Initial Release.

This safety data sheet complies with the requirements of Commission Regulation (EU) No 453/2010 of 20 May 2010 amending Regulation (EC) No. 1907/2006

General Disclaimer
The information provided on this SDS 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