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

Trade name: QuikRead go wrCRP + Hb
Catalogue number: 146255

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

The uses of the chemical: For in vitro diagnostic use

1.3. Details of the supplier of the safety data sheet:

Manufacturer/importer: Orion Diagnostica Oy
Street address: Koivu-Mankkaan tie 6 B
Post-office box: P.O. Box 83
Postcode: 02101 Espoo, Finland
Telephone number: +358 10 4261
Telefax: +35810 426 2794
E-mail address: product.support@oriondiagnostica.fi
VAT Reg. No: FI18552161

1.4. Emergency telephone number

Orion Diagnostica Oy +358 10 426 3344


SECTION 2: HAZARDS IDENTIFICATION
2.1. Classification of the substance or mixture

Name of the Component	Classification according to regulation (EC) No 1272/2008	H Statements
wrCRP Reagent caps	Aquatic Chronic 3 ;H412	Harmful to aquatic life with long lasting effects.
wrCRP Buffer in prefilled cuvettes	Skin Sens. 1 ;H317	May cause an allergic skin reaction.

2.2. Label elements

Name of the Component	Hazard Pictograms	Signal word	H Statements	P Statements
wrCRP Reagent caps			H412 Harmful to aquatic life with long lasting effects.	P273 Avoid release to the environment. P501 Dispose of

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				contents according to national and local law.
wrCRP Buffer in prefilled cuvettes		Warning	H317 May cause an allergic skin reaction.	P262 Do not get in eyes, on skin, or on clothing. P280 Wear protective gloves/protective clothing/eye protection. P302+P352 IF ON SKIN: Wash with soap and water. P501 Dispose of contents according to national and local law.

2.3. Other hazards

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SECTION 3: COMPOSITION/INFORMATION ON INGREDIENTS

3.2. Mixtures

Name of the ingredient	CAS-number:	EC-number	Reach registration number:	Concentration/ Limit	Classification according to regulation (EC) No 1272/2008
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Reagent caps

Sodium azide	26628-22-8		NA	<1%	Acute Tox. 2, Aquatic Acute 1, Aquatic Chronic 1, Acute Tox. 1, STOT RE 2 ;H300 EUH032 H400 H410 H310
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					H373 M(Acute): 1
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Buffer in prefilled cuvettes

Kathon CG	12-34-0		NA	<=0,28%	Acute Tox. 3, Skin Corr. 1B, Skin Sens. 1, Aquatic Acute 1, Aquatic Chronic 1 ;H331 H314 H317 H400 H410
Sodium azide	26628-22-8		NA	<0,1%	Acute Tox. 2, Aquatic Acute 1, Aquatic Chronic 1, Acute Tox. 1, STOT RE 2 ;H300 EUH032 H400 H410 H310 H373 M(Acute): 1

Other information -

SECTION 4: FIRST AID MEASURES

4.1. Description of first aid measures

Skin contact Wash with soap and water.

Eye contact Rinse continuously with water for several minutes.

Ingestion If the patient is conscious, give water (up to 2 glasses).Give charcoal.

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

Data not available.

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

Data not available.

SECTION 5: FIRE-FIGHTING MEASURES

5.1. Extinguishing media

Suitable extinguishing media Choose suitable extinguishing media according to the environment.

5.2. Special hazards arising from the substance or mixture

Possibility to small amounts of harmful gases or vapours.

5.3. Advice for fire-fighters

Special protective equipment for fire-fighters No special protective equipment needed.

SECTION 6: ACCIDENTAL RELEASE MEASURES

6.1. Personal precautions, protective equipment and emergency procedures

Wear protective clothing.

6.2. Environmental precautions

No special environmental precautions needed.

6.3. Methods and material for containment and cleaning up

In case of spillage clean with paper towel and disinfect.

6.4. Reference to other sections

See Section 8 and 13

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SECTION 7: HANDLING AND STORAGE

7.1. Precautions for safe handling

Do not eat, drink or smoke at workplace. Wash hands after working with substance.

7.2. Conditions for safe storage, including any incompatibilities

Store at +2 - 25 °C.

7.3. Specific end use(s)

No information identified.

SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION

8.1. Control parameters

International OEL values Sodium azide 0,1 mg/m³ (8h) , 0,3 mg/m³ (15 min)

8.2. Exposure controls

Hand protection

Wear protective gloves.

Skin protection

Wear protective clothing.

SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

Appearance

Physical state	Liquid / Solid
Colour	Colourless / White
Odour	Odourless

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9.1. Information on basic physical and chemical properties

Water solubility Reagents soluble

9.2. Other information

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SECTION 10: STABILITY AND REACTIVITY

10.1. Reactivity

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10.2. Chemical stability

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10.3. Possibility of hazardous reactions

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10.4. Conditions to avoid

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10.5. Incompatible materials

When in contact with acids, sodium azide forms highly toxic gas. Sodium azide reacts with metals to form explosive metal azides.

10.6 Hazardous decomposition products

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SECTION 11: TOXICOLOGICAL INFORMATION

11.1. Information on toxicological effects

Acute toxicity

Quantitative data on the toxicity for this product are not available.

Sodium azide: LD50 oral (rat) 27 mg/kg, LD50 dermal (rabbit) 20 mg/kg

Kathon: LD50 (female rat) 2630 mg/kg, LD50 (male rat) 3350 mg/kg, LC50(rat) 4h 0,33 mg/l, LD50 skin (rabbit) >5000 mg/kg.

Skin irritation and corrosion

Data not available.

Skin sensitization

Data not available.

Serious eye damage and irritation

Data not available.

Respiratory irritation

Data not available.

Respiratory sensitization

Data not available.

Carcinogenicity

Data not available.

Germ cell mutagenicity

Data not available.

Reproductive toxicity

Data not available.

STOT-single exposure

Data not available.

STOT-repeated exposure

Data not available.

Aspiration hazard

Data not available.

Repeated dose toxicity

Data not available.

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SECTION 12: ECOLOGICAL INFORMATION

12.1. Toxicity

Aquatic toxicity

Quantitative data on the toxicity for this product are not available.
Fish toxicity of sodium azide: L. Macrochirus LC50 0,7 mg/l/96 h. Daphnia toxicity of sodium azide : Daphnia pulex EC50 4,2 mg/l/48 h.

Toxic effects on other organisms

Data not available.

12.2. Persistence and degradability

Data not available.

12.3. Bioaccumulative potential

Data not available.

12.4. Mobility in soil

Data not available.

12.5. Results of PBT and vPvB assessment

Data not available.

12.6. Other adverse effects

Data not available.

SECTION 13: DISPOSAL CONSIDERATIONS

13.1. Waste treatment methods

Used product should be considered infectious and should be handled respectively.
Disposal of all sample and test material should be done in compliance with national, state and local regulations.
If not officially differently specified, packaging may be treated like household waste or recycled.

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SECTION 14: TRANSPORT INFORMATION

14.1. UN Number

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14.2. UN Proper shipping name

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14.3. Transport hazard class(es) (ADR/RID,IMDG,ICAO/IATA)

This product is not regulated under the transport regulations.

14.4. Packing group

-

14.5. Environmental hazard

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14.6. Special precautions for user

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14.7. Transport in bulk according to Annex II of MARPOL 73/78 and the IBC code

Not applicable

SECTION 15: REGULATORY INFORMATION

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

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15.2. Chemical Safety Assessment

No

SECTION 16: OTHER INFORMATION

List of H statements

H300, EUH032, H400, Fatal if swallowed.
H410, H310, H373 Contact with acids liberates very toxic gas.
Very toxic to aquatic life.

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Very toxic to aquatic life with long lasting effects.
Fatal in contact with skin.
May cause damage to organs through prolonged or repeated exposure.

H331, H314, H317,
H400, H410 Toxic if inhaled.
Causes severe skin burns and eye damage.
May cause an allergic skin reaction.
Very toxic to aquatic life.
Very toxic to aquatic life with long lasting effects.

H300, EUH032, H400,
H410, H310, H373 Fatal if swallowed.
Contact with acids liberates very toxic gas.
Very toxic to aquatic life.
Very toxic to aquatic life with long lasting effects.
Fatal in contact with skin.
May cause damage to organs through prolonged or repeated exposure.

Training advice

Read Instructions for Use

Further information

The above information is believed to be correct but does not purport to be all inclusive and shall be used only as a guide. The information in this document is based on the present state of our knowledge and is applicable to the product with regard to appropriate safety precautions. It does not represent any guarantee of the properties of the product. Orion Diagnostica Oy shall not be held liable for any damage resulting from handling or from contact with the above product.

Sources of key data used to compile the Safety Data Sheet

Directive 1272/2008/EC.
SDS for Sodium azide.
SDS for Kathon CG
Instructions for use.

Information which has been added, deleted or revised

Updated section / sections: 3.2, 11.1