

T4 CEDIA, cobas c 701

Version 1.0

Revision Date 03-10-2015

Print Date 03-12-2015

SECTION 1. IDENTIFICATION

Product name : T4 CEDIA, cobas c 701

Mat.-No./ Genisys-No. : 06377467160

Manufacturer or supplier's details

Company name of supplier : Roche Diagnostics

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Address : 9115 Hague Road
46250 Indianapolis IN

Telephone : 1-800-428-5074

Emergency telephone number:

In case of emergencies: : CHEMTREC 1-800-424-9300 (U.S. or
Canada)
1-703-527-3887 (International)**Recommended use of the chemical and restrictions on use**

Restrictions on use : For professional users only.

SECTION 2. HAZARDS IDENTIFICATION**GHS Classification**

The product is a kit consisting of individual ingredients. The classification of the ingredients can be obtained from section 3. Section Label elements contains the resulting labelling for the kit.

GHS Label element

Hazard pictograms :



Signal word : Warning

Hazard statements : H290 May be corrosive to metals.
H302 Harmful if swallowed.Precautionary statements : **Prevention:**
P234 Keep only in original container.
P264 Wash skin thoroughly after handling.
P270 Do not eat, drink or smoke when using this product.
Response:
P301 + P312 + P330 IF SWALLOWED: Call a POISON CENTER or doctor/ physician if you feel unwell. Rinse mouth.
P390 Absorb spillage to prevent material damage.
Disposal:
P501 Dispose of contents/ container to an approved waste disposal plant.**Other hazards**

None known.

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SECTION 3. COMPOSITION/INFORMATION ON INGREDIENTS**R1****GHS Classification**

Not a hazardous substance or mixture.

Hazardous components

Chemical Name	CAS-No.	Concentration (%)
sodium azide	26628-22-8	>= 0.1 - < 1

R1a**GHS Classification**

Corrosive to metals, Category 1

H290: May be corrosive to metals.

Hazardous components

Chemical Name	CAS-No.	Concentration (%)
sodium hydroxide	1310-73-2	>= 1 - < 5
ammonium 8-anilino-naphthalene-1-sulphonate	28836-03-5	>= 1 - < 5
sodium azide	26628-22-8	>= 1 - < 5

R2**GHS Classification**

Not a hazardous substance or mixture.

Hazardous components

Chemical Name	CAS-No.	Concentration (%)
sodium azide	26628-22-8	>= 0.1 - < 1

R2a**GHS Classification**

Not a hazardous substance or mixture.

Hazardous components

Chemical Name	CAS-No.	Concentration (%)
sodium azide	26628-22-8	>= 0.1 - < 1

R3**GHS Classification**

Acute toxicity (Oral), Category 4

H302: Harmful if swallowed.

Hazardous components

Chemical Name	CAS-No.	Concentration (%)
sodium azide	26628-22-8	>= 1 - < 5

R4**GHS Classification**

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Acute toxicity (Oral), Category 4

H302: Harmful if swallowed.

Hazardous components

Chemical Name	CAS-No.	Concentration (%)
sodium azide	26628-22-8	>= 1 - < 5

SECTION 4. FIRST AID MEASURES

- General advice : Move out of dangerous area.
Consult a physician.
Show this safety data sheet to the doctor in attendance.
Do not leave the victim unattended.
- If inhaled : Move to fresh air.
If unconscious place in recovery position and seek medical advice.
If symptoms persist, call a physician.
- In case of skin contact : Immediate medical treatment is necessary as untreated wounds from corrosion of the skin heal slowly and with difficulty.
If on skin, rinse well with water.
If on clothes, remove clothes.
- In case of eye contact : Small amounts splashed into eyes can cause irreversible tissue damage and blindness.
In the case of contact with eyes, rinse immediately with plenty of water and seek medical advice.
Continue rinsing eyes during transport to hospital.
Remove contact lenses.
Protect unharmed eye.
Keep eye wide open while rinsing.
If eye irritation persists, consult a specialist.
- If swallowed : Clean mouth with water and drink afterwards plenty of water.
Keep respiratory tract clear.
Do NOT induce vomiting.
Do not give milk or alcoholic beverages.
Never give anything by mouth to an unconscious person.
If symptoms persist, call a physician.
Take victim immediately to hospital.
- Notes to physician : The first aid procedure should be established in consultation with the doctor responsible for industrial medicine.

SECTION 5. FIREFIGHTING MEASURES

- Suitable extinguishing media : Use extinguishing measures that are appropriate to local circumstances and the surrounding environment.
- Unsuitable extinguishing media : High volume water jet
- Specific hazards during : Do not allow run-off from fire fighting to enter drains or water

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- firefighting : courses.
- Further information : Collect contaminated fire extinguishing water separately. This must not be discharged into drains.
Fire residues and contaminated fire extinguishing water must be disposed of in accordance with local regulations.
- Special protective equipment for firefighters : Wear self-contained breathing apparatus for firefighting if necessary.

SECTION 6. ACCIDENTAL RELEASE MEASURES

- Personal precautions, protective equipment and emergency procedures : Use personal protective equipment.
Avoid dust formation.
Avoid breathing dust.
- Environmental precautions : Prevent product from entering drains.
Prevent further leakage or spillage if safe to do so.
Local authorities should be advised if significant spillages cannot be contained.
- Methods and materials for containment and cleaning up : Keep in suitable, closed containers for disposal.

SECTION 7. HANDLING AND STORAGE

- Advice on safe handling : Avoid formation of respirable particles.
Do not breathe vapours/dust.
Avoid contact with skin and eyes.
For personal protection see section 8.
Smoking, eating and drinking should be prohibited in the application area.
Dispose of rinse water in accordance with local and national regulations.
- Conditions for safe storage : Keep container tightly closed in a dry and well-ventilated place.
Containers which are opened must be carefully resealed and kept upright to prevent leakage.
Electrical installations / working materials must comply with the technological safety standards.

SECTION 8. EXPOSURE CONTROLS/PERSONAL PROTECTION
R1
Components with workplace control parameters

Contains no substances with occupational exposure limit values.

R1a
Components with workplace control parameters

Components	CAS-No.	Value type (Form of	Control parameters /	Basis

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		exposure)	Permissible concentration	
sodium hydroxide	1310-73-2	C	2 mg/m ³	ACGIH
		C	2 mg/m ³	NIOSH REL
		TWA	2 mg/m ³	OSHA Z-1
		C	2 mg/m ³	OSHA P0
sodium azide	26628-22-8	C	0.1 ppm (HN ₃)	NIOSH REL
		C	0.3 mg/m ³ (NaN ₃)	NIOSH REL
		C	0.1 ppm (Ammonia)	OSHA P0
		C	0.3 mg/m ³ (As NaN ₃)	OSHA P0
		STEL	0.11 ppm (as Hydrazoic acid)	ACGIH
		STEL	0.29 mg/m ³ (as Sodium azide)	ACGIH
		C (Vapour)	0.11 ppm (as Hydrazoic acid)	ACGIH
		C (Vapour)	0.29 mg/m ³ (as Sodium azide)	ACGIH

R2**Components with workplace control parameters**

Contains no substances with occupational exposure limit values.

R2a**Components with workplace control parameters**

Contains no substances with occupational exposure limit values.

R3**Components with workplace control parameters**

Components	CAS-No.	Value type (Form of exposure)	Control parameters / Permissible concentration	Basis
sodium azide	26628-22-8	C	0.1 ppm (HN ₃)	NIOSH REL
		C	0.3 mg/m ³ (NaN ₃)	NIOSH REL
		C	0.1 ppm (Ammonia)	OSHA P0
		C	0.3 mg/m ³ (As NaN ₃)	OSHA P0
		STEL	0.11 ppm (as Hydrazoic acid)	ACGIH
		STEL	0.29 mg/m ³ (as Sodium azide)	ACGIH
		C (Vapour)	0.11 ppm (as Hydrazoic acid)	ACGIH

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		C (Vapour)	0.29 mg/m ³ (as Sodium azide)	ACGIH
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R4
Components with workplace control parameters

Components	CAS-No.	Value type (Form of exposure)	Control parameters / Permissible concentration	Basis
sodium azide	26628-22-8	C	0.1 ppm (HN ₃)	NIOSH REL
		C	0.3 mg/m ³ (NaN ₃)	NIOSH REL
		C	0.1 ppm (Ammonia)	OSHA P0
		C	0.3 mg/m ³ (As NaN ₃)	OSHA P0
		STEL	0.11 ppm (as Hydrazoic acid)	ACGIH
		STEL	0.29 mg/m ³ (as Sodium azide)	ACGIH
		C (Vapour)	0.11 ppm (as Hydrazoic acid)	ACGIH
		C (Vapour)	0.29 mg/m ³ (as Sodium azide)	ACGIH

Personal protective equipment
Hand protection

Material : Protective gloves
 Remarks : The selected protective gloves have to satisfy the specifications of EU Directive 89/686/EEC and the standard EN 374 derived from it. This recommendation is only valid for the product mentioned in the safety data sheet and provided by us and for the application specified by us. Please observe the instructions regarding permeability and breakthrough time which are provided by the supplier of the gloves. Also take into consideration the specific local conditions under which the product is used, such as the danger of cuts, abrasion, and the contact time. The suitability for a specific workplace should be discussed with the producers of the protective gloves.

Eye protection : Eye wash bottle with pure water
 Tightly fitting safety goggles
 Wear face-shield and protective suit for abnormal processing problems.

Skin and body protection : Choose body protection according to the amount and concentration of the dangerous substance at the work place.

Hygiene measures : When using do not eat or drink.
 When using do not smoke.
 Wash hands before breaks and at the end of workday.

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SECTION 9. PHYSICAL AND CHEMICAL PROPERTIES**R1**

Appearance	: liquid
Colour	: colourless
pH	: 7.35 - 7.45
Flash point	: does not flash
Flammability (solid, gas)	: Does not sustain combustion.
Solubility(ies)	
Water solubility	: completely miscible
Oxidizing properties	: The substance or mixture is not classified as oxidizing.

R1a

Appearance	: (lyophilised)
Colour	: white
Odour	: odourless
pH	: 7.35 - 7.45
Flash point	: does not flash
Flammability (solid, gas)	: Does not sustain combustion.
Solubility(ies)	
Water solubility	: soluble
Oxidizing properties	: The substance or mixture is not classified as oxidizing.

R2

Appearance	: liquid
Colour	: colourless
pH	: 6.8 - 7.0
Flash point	: does not flash
Flammability (solid, gas)	: Does not sustain combustion.
Solubility(ies)	
Water solubility	: completely miscible
Oxidizing properties	: The substance or mixture is not classified as oxidizing.

R2a

Appearance	: (lyophilised)
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Colour : white

Odour : odourless

pH : 6.95 - 7.05

Flash point : does not flash

Flammability (solid, gas) : Does not sustain combustion.

Solubility(ies)
Water solubility : soluble

Oxidizing properties : The substance or mixture is not classified as oxidizing.

R3

Appearance : (lyophilised)

Colour : white

Odour : odourless

pH : 6.9 - 7.1

Flash point : does not flash

Flammability (solid, gas) : Does not sustain combustion.

Solubility(ies)
Water solubility : soluble

Oxidizing properties : The substance or mixture is not classified as oxidizing.

R4

Appearance : (lyophilised)

Colour : white

Odour : odourless

pH : 6.9 - 7.1

Flash point : does not flash

Flammability (solid, gas) : Does not sustain combustion.

Solubility(ies)
Water solubility : soluble

Oxidizing properties : The substance or mixture is not classified as oxidizing.

SECTION 10. STABILITY AND REACTIVITY

Reactivity : No dangerous reaction known under conditions of normal use.

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Chemical stability : Stable under normal conditions.

Possibility of hazardous reactions : No decomposition if stored and applied as directed.

SECTION 11. TOXICOLOGICAL INFORMATION**R1****Information on likely routes of exposure****Acute toxicity**

Not classified based on available information.

Product:

Acute oral toxicity : Acute toxicity estimate : > 5,000 mg/kg
Method: Calculation method

Components:**sodium azide:**

Acute oral toxicity : LD50 Oral (Rat): 27 mg/kg
LD50 Oral (Mouse): 27 mg/kg

Skin corrosion/irritation

Not classified based on available information.

Serious eye damage/eye irritation

Not classified based on available information.

Respiratory or skin sensitisation

Skin sensitisation: Not classified based on available information.
Respiratory sensitisation: Not classified based on available information.

Germ cell mutagenicity

Not classified based on available information.

Carcinogenicity

Not classified based on available information.

IARC

No component of this product present at levels greater than or equal to 0.1% is identified as probable, possible or confirmed human carcinogen by IARC.

OSHA

No component of this product present at levels greater than or equal to 0.1% is identified as a carcinogen or potential carcinogen by OSHA.

NTP

No component of this product present at levels greater than or equal to 0.1% is identified as a known or anticipated carcinogen by NTP.

Reproductive toxicity

Not classified based on available information.

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STOT - single exposure

Not classified based on available information.

Components:**sodium azide:**

Assessment: The substance or mixture is not classified as specific target organ toxicant, single exposure.

STOT - repeated exposure

Not classified based on available information.

Components:**sodium azide:**

Assessment: The substance or mixture is not classified as specific target organ toxicant, repeated exposure.

Aspiration toxicity

Not classified based on available information.

R1a**Information on likely routes of exposure****Acute toxicity**

Not classified based on available information.

Product:Acute oral toxicity : Acute toxicity estimate : 2,160 mg/kg
Method: Calculation method**Components:****sodium azide:**Acute oral toxicity : LD50 Oral (Rat): 27 mg/kg
LD50 Oral (Mouse): 27 mg/kg**Skin corrosion/irritation**

Not classified based on available information.

Product:

Remarks: Extremely corrosive and destructive to tissue.

Components:**sodium hydroxide:**

Remarks: Extremely corrosive and destructive to tissue.

ammonium 8-anilinonaphthalene-1-sulphonate:

Result: Irritating to skin.

Remarks: May cause skin irritation in susceptible persons.

Serious eye damage/eye irritation

Not classified based on available information.

Product:

Remarks: May cause irreversible eye damage.

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Components:**sodium hydroxide:**

Remarks: May cause irreversible eye damage.

ammonium 8-anilinonaphthalene-1-sulphonate:

Result: Irritating to eyes.

Remarks: May cause irreversible eye damage.

Respiratory or skin sensitisation

Skin sensitisation: Not classified based on available information.

Respiratory sensitisation: Not classified based on available information.

Germ cell mutagenicity

Not classified based on available information.

Components:**sodium hydroxide:**

Genotoxicity in vitro : Test Type: Ames test

Result: negative

Carcinogenicity

Not classified based on available information.

IARC

No component of this product present at levels greater than or equal to 0.1% is identified as probable, possible or confirmed human carcinogen by IARC.

OSHA

No component of this product present at levels greater than or equal to 0.1% is identified as a carcinogen or potential carcinogen by OSHA.

NTP

No component of this product present at levels greater than or equal to 0.1% is identified as a known or anticipated carcinogen by NTP.

Reproductive toxicity

Not classified based on available information.

Components:**sodium hydroxide:**

Effects on fertility :

Remarks: No data available

STOT - single exposure

Not classified based on available information.

Components:**sodium hydroxide:**

Assessment: The substance or mixture is not classified as specific target organ toxicant, single exposure.

ammonium 8-anilinonaphthalene-1-sulphonate:

Exposure routes: Inhalation

Assessment: May cause respiratory irritation.

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sodium azide:

Assessment: The substance or mixture is not classified as specific target organ toxicant, single exposure.

STOT - repeated exposure

Not classified based on available information.

Components:**sodium hydroxide:**

Assessment: The substance or mixture is not classified as specific target organ toxicant, repeated exposure.

ammonium 8-anilinonaphthalene-1-sulphonate:

Assessment: The substance or mixture is not classified as specific target organ toxicant, repeated exposure.

sodium azide:

Assessment: The substance or mixture is not classified as specific target organ toxicant, repeated exposure.

Aspiration toxicity

Not classified based on available information.

Components:**ammonium 8-anilinonaphthalene-1-sulphonate:**

No data available

Further information**Components:****ammonium 8-anilinonaphthalene-1-sulphonate:**

Remarks: Health injuries are not known or expected under normal use.

R2**Information on likely routes of exposure****Acute toxicity**

Not classified based on available information.

Product:

Acute oral toxicity : Acute toxicity estimate : > 5,000 mg/kg
Method: Calculation method

Components:**sodium azide:**

Acute oral toxicity : LD50 Oral (Rat): 27 mg/kg
LD50 Oral (Mouse): 27 mg/kg

Skin corrosion/irritation

Not classified based on available information.

Serious eye damage/eye irritation

Not classified based on available information.

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Respiratory or skin sensitisation

Skin sensitisation: Not classified based on available information.

Respiratory sensitisation: Not classified based on available information.

Germ cell mutagenicity

Not classified based on available information.

Carcinogenicity

Not classified based on available information.

IARC

No component of this product present at levels greater than or equal to 0.1% is identified as probable, possible or confirmed human carcinogen by IARC.

OSHA

No component of this product present at levels greater than or equal to 0.1% is identified as a carcinogen or potential carcinogen by OSHA.

NTP

No component of this product present at levels greater than or equal to 0.1% is identified as a known or anticipated carcinogen by NTP.

Reproductive toxicity

Not classified based on available information.

STOT - single exposure

Not classified based on available information.

Components:**sodium azide:**

Assessment: The substance or mixture is not classified as specific target organ toxicant, single exposure.

STOT - repeated exposure

Not classified based on available information.

Components:**sodium azide:**

Assessment: The substance or mixture is not classified as specific target organ toxicant, repeated exposure.

Aspiration toxicity

Not classified based on available information.

R2a**Information on likely routes of exposure****Acute toxicity**

Not classified based on available information.

Product:Acute oral toxicity : Acute toxicity estimate : 4,154 mg/kg
Method: Calculation method**Components:****sodium azide:**

Acute oral toxicity : LD50 Oral (Rat): 27 mg/kg

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LD50 Oral (Mouse): 27 mg/kg

Skin corrosion/irritation

Not classified based on available information.

Serious eye damage/eye irritation

Not classified based on available information.

Respiratory or skin sensitisation

Skin sensitisation: Not classified based on available information.

Respiratory sensitisation: Not classified based on available information.

Germ cell mutagenicity

Not classified based on available information.

Carcinogenicity

Not classified based on available information.

IARC

No component of this product present at levels greater than or equal to 0.1% is identified as probable, possible or confirmed human carcinogen by IARC.

OSHA

No component of this product present at levels greater than or equal to 0.1% is identified as a carcinogen or potential carcinogen by OSHA.

NTP

No component of this product present at levels greater than or equal to 0.1% is identified as a known or anticipated carcinogen by NTP.

Reproductive toxicity

Not classified based on available information.

STOT - single exposure

Not classified based on available information.

Components:**sodium azide:**

Assessment: The substance or mixture is not classified as specific target organ toxicant, single exposure.

STOT - repeated exposure

Not classified based on available information.

Components:**sodium azide:**

Assessment: The substance or mixture is not classified as specific target organ toxicant, repeated exposure.

Aspiration toxicity

Not classified based on available information.

R3**Information on likely routes of exposure****Acute toxicity**

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Harmful if swallowed.

Product:

Acute oral toxicity : Acute toxicity estimate : 1,076 mg/kg
Method: Calculation method

Components:**sodium azide:**

Acute oral toxicity : LD50 Oral (Rat): 27 mg/kg
LD50 Oral (Mouse): 27 mg/kg

Skin corrosion/irritation

Not classified based on available information.

Serious eye damage/eye irritation

Not classified based on available information.

Respiratory or skin sensitisation

Skin sensitisation: Not classified based on available information.

Respiratory sensitisation: Not classified based on available information.

Germ cell mutagenicity

Not classified based on available information.

Carcinogenicity

Not classified based on available information.

IARC

No component of this product present at levels greater than or equal to 0.1% is identified as probable, possible or confirmed human carcinogen by IARC.

OSHA

No component of this product present at levels greater than or equal to 0.1% is identified as a carcinogen or potential carcinogen by OSHA.

NTP

No component of this product present at levels greater than or equal to 0.1% is identified as a known or anticipated carcinogen by NTP.

Reproductive toxicity

Not classified based on available information.

STOT - single exposure

Not classified based on available information.

Components:**sodium azide:**

Assessment: The substance or mixture is not classified as specific target organ toxicant, single exposure.

STOT - repeated exposure

Not classified based on available information.

Components:**sodium azide:**

Assessment: The substance or mixture is not classified as specific target organ toxicant,

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repeated exposure.

Aspiration toxicity

Not classified based on available information.

R4**Information on likely routes of exposure****Acute toxicity**

Harmful if swallowed.

Product:

Acute oral toxicity : Acute toxicity estimate : 1,033 mg/kg
Method: Calculation method

Components:**sodium azide:**

Acute oral toxicity : LD50 Oral (Rat): 27 mg/kg
LD50 Oral (Mouse): 27 mg/kg

Skin corrosion/irritation

Not classified based on available information.

Serious eye damage/eye irritation

Not classified based on available information.

Respiratory or skin sensitisation

Skin sensitisation: Not classified based on available information.

Respiratory sensitisation: Not classified based on available information.

Germ cell mutagenicity

Not classified based on available information.

Carcinogenicity

Not classified based on available information.

IARC

No component of this product present at levels greater than or equal to 0.1% is identified as probable, possible or confirmed human carcinogen by IARC.

OSHA

No component of this product present at levels greater than or equal to 0.1% is identified as a carcinogen or potential carcinogen by OSHA.

NTP

No component of this product present at levels greater than or equal to 0.1% is identified as a known or anticipated carcinogen by NTP.

Reproductive toxicity

Not classified based on available information.

STOT - single exposure

Not classified based on available information.

Components:**sodium azide:**

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Assessment: The substance or mixture is not classified as specific target organ toxicant, single exposure.

STOT - repeated exposure

Not classified based on available information.

Components:**sodium azide:**

Assessment: The substance or mixture is not classified as specific target organ toxicant, repeated exposure.

Aspiration toxicity

Not classified based on available information.

SECTION 12. ECOLOGICAL INFORMATION**R1****Ecotoxicity****Components:****sodium azide:**

Toxicity to fish : LC50 (Lepomis macrochirus (Bluegill sunfish)): > 1 mg/l
Exposure time: 96 h

LC50 (Lepomis macrochirus (Bluegill sunfish)): < 8 mg/l
Exposure time: 96 h

LC50 (Fish): 0.7 mg/l

Toxicity to daphnia and other aquatic invertebrates : EC50 (Daphnia pulex (Water flea)): 4.2 mg/l
Exposure time: 96 h

Toxicity to algae : IC50 (Scenedesmus quadricauda (Green algae)): 272 mg/l

Toxicity to bacteria : EC50 (Photobacterium phosphoreum): > 43 mg/l

EC50 (Photobacterium phosphoreum): < 66 mg/l

Ecotoxicology Assessment

Acute aquatic toxicity : Very toxic to aquatic life.

Chronic aquatic toxicity : Very toxic to aquatic life with long lasting effects.

Toxicity Data on Soil : Not expected to adsorb on soil.

Persistence and degradability

No data available

Bioaccumulative potential

No data available

Mobility in soil

No data available

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Other adverse effects

No data available

Product:

Regulation 40 CFR Protection of Environment; Part 82 Protection of Stratospheric Ozone - CAA Section 602 Class I Substances

Remarks This product neither contains, nor was manufactured with a Class I or Class II ODS as defined by the U.S. Clean Air Act Section 602 (40 CFR 82, Subpt. A, App.A + B).

R1a
Ecotoxicity
Components:
sodium hydroxide:

Toxicity to fish : LC50 (Oncorhynchus mykiss (rainbow trout)): 45.4 mg/l
Exposure time: 96 h

LC50 (Leuciscus idus (Golden orfe)): ca. 7 mg/l

Toxicity to daphnia and other aquatic invertebrates : EC50 (Daphnia magna (Water flea)): 40.38 mg/l
Exposure time: 48 h

Ecotoxicology Assessment
Acute aquatic toxicity : This product has no known ecotoxicological effects.

Chronic aquatic toxicity : This product has no known ecotoxicological effects.

Toxicity Data on Soil : Not expected to adsorb on soil.

Other organisms relevant to the environment : No data available

ammonium 8-anilino-naphthalene-1-sulphonate:

Ecotoxicology Assessment

Toxicity Data on Soil : Not expected to adsorb on soil.

Other organisms relevant to the environment : No data available

sodium azide:

Toxicity to fish : LC50 (Lepomis macrochirus (Bluegill sunfish)): > 1 mg/l
Exposure time: 96 h

LC50 (Lepomis macrochirus (Bluegill sunfish)): < 8 mg/l
Exposure time: 96 h

LC50 (Fish): 0.7 mg/l

Toxicity to daphnia and other aquatic invertebrates : EC50 (Daphnia pulex (Water flea)): 4.2 mg/l
Exposure time: 96 h

Toxicity to algae : IC50 (Scenedesmus quadricauda (Green algae)): 272 mg/l

Toxicity to bacteria : EC50 (Photobacterium phosphoreum): > 43 mg/l

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EC50 (Photobacterium phosphoreum): < 66 mg/l

Ecotoxicology Assessment

Acute aquatic toxicity : Very toxic to aquatic life.

Chronic aquatic toxicity : Very toxic to aquatic life with long lasting effects.

Toxicity Data on Soil : Not expected to adsorb on soil.

Persistence and degradability

No data available

Bioaccumulative potential

No data available

Mobility in soil

No data available

Other adverse effects

No data available

Product:

Regulation

40 CFR Protection of Environment; Part 82 Protection of Stratospheric Ozone - CAA Section 602 Class I Substances

Remarks

This product neither contains, nor was manufactured with a Class I or Class II ODS as defined by the U.S. Clean Air Act Section 602 (40 CFR 82, Subpt. A, App.A + B).

Additional ecological information

: An environmental hazard cannot be excluded in the event of unprofessional handling or disposal.
Harmful to aquatic life with long lasting effects.**R2****Ecotoxicity****Components:****sodium azide:**

Toxicity to fish

: LC50 (Lepomis macrochirus (Bluegill sunfish)): > 1 mg/l
Exposure time: 96 hLC50 (Lepomis macrochirus (Bluegill sunfish)): < 8 mg/l
Exposure time: 96 h

LC50 (Fish): 0.7 mg/l

Toxicity to daphnia and other aquatic invertebrates

: EC50 (Daphnia pulex (Water flea)): 4.2 mg/l
Exposure time: 96 h

Toxicity to algae

: IC50 (Scenedesmus quadricauda (Green algae)): 272 mg/l

Toxicity to bacteria

: EC50 (Photobacterium phosphoreum): > 43 mg/l

EC50 (Photobacterium phosphoreum): < 66 mg/l

Ecotoxicology Assessment

Acute aquatic toxicity : Very toxic to aquatic life.

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Chronic aquatic toxicity : Very toxic to aquatic life with long lasting effects.

Toxicity Data on Soil : Not expected to adsorb on soil.

Persistence and degradability

No data available

Bioaccumulative potential

No data available

Mobility in soil

No data available

Other adverse effects

No data available

Product:

Regulation 40 CFR Protection of Environment; Part 82 Protection of Stratospheric Ozone - CAA Section 602 Class I Substances

Remarks This product neither contains, nor was manufactured with a Class I or Class II ODS as defined by the U.S. Clean Air Act Section 602 (40 CFR 82, Subpt. A, App.A + B).

R2a**Ecotoxicity****Components:****sodium azide:**

Toxicity to fish : LC50 (Lepomis macrochirus (Bluegill sunfish)): > 1 mg/l
Exposure time: 96 h

LC50 (Lepomis macrochirus (Bluegill sunfish)): < 8 mg/l
Exposure time: 96 h

LC50 (Fish): 0.7 mg/l

Toxicity to daphnia and other aquatic invertebrates : EC50 (Daphnia pulex (Water flea)): 4.2 mg/l
Exposure time: 96 h

Toxicity to algae : IC50 (Scenedesmus quadricauda (Green algae)): 272 mg/l

Toxicity to bacteria : EC50 (Photobacterium phosphoreum): > 43 mg/l

EC50 (Photobacterium phosphoreum): < 66 mg/l

Ecotoxicology Assessment

Acute aquatic toxicity : Very toxic to aquatic life.

Chronic aquatic toxicity : Very toxic to aquatic life with long lasting effects.

Toxicity Data on Soil : Not expected to adsorb on soil.

Persistence and degradability

No data available

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Bioaccumulative potential

No data available

Mobility in soil

No data available

Other adverse effects

No data available

Product:

Regulation

40 CFR Protection of Environment; Part 82 Protection of Stratospheric Ozone - CAA Section 602 Class I Substances

Remarks

This product neither contains, nor was manufactured with a Class I or Class II ODS as defined by the U.S. Clean Air Act Section 602 (40 CFR 82, Subpt. A, App.A + B).

Additional ecological information

: An environmental hazard cannot be excluded in the event of unprofessional handling or disposal.
Harmful to aquatic life with long lasting effects.**R3****Ecotoxicity****Components:****sodium azide:**

Toxicity to fish

: LC50 (Lepomis macrochirus (Bluegill sunfish)): > 1 mg/l
Exposure time: 96 hLC50 (Lepomis macrochirus (Bluegill sunfish)): < 8 mg/l
Exposure time: 96 h

LC50 (Fish): 0.7 mg/l

Toxicity to daphnia and other aquatic invertebrates

: EC50 (Daphnia pulex (Water flea)): 4.2 mg/l
Exposure time: 96 h

Toxicity to algae

: IC50 (Scenedesmus quadricauda (Green algae)): 272 mg/l

Toxicity to bacteria

: EC50 (Photobacterium phosphoreum): > 43 mg/l

EC50 (Photobacterium phosphoreum): < 66 mg/l

Ecotoxicology Assessment

Acute aquatic toxicity

: Very toxic to aquatic life.

Chronic aquatic toxicity

: Very toxic to aquatic life with long lasting effects.

Toxicity Data on Soil

: Not expected to adsorb on soil.

Persistence and degradability

No data available

Bioaccumulative potential

No data available

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Mobility in soil

No data available

Other adverse effects

No data available

Product:

Regulation 40 CFR Protection of Environment; Part 82 Protection of Stratospheric Ozone - CAA Section 602 Class I Substances

Remarks This product neither contains, nor was manufactured with a Class I or Class II ODS as defined by the U.S. Clean Air Act Section 602 (40 CFR 82, Subpt. A, App.A + B).

Additional ecological information : An environmental hazard cannot be excluded in the event of unprofessional handling or disposal.
Harmful to aquatic life with long lasting effects.

R4**Ecotoxicity****Components:****sodium azide:**

Toxicity to fish : LC50 (Lepomis macrochirus (Bluegill sunfish)): > 1 mg/l
Exposure time: 96 h

LC50 (Lepomis macrochirus (Bluegill sunfish)): < 8 mg/l
Exposure time: 96 h

LC50 (Fish): 0.7 mg/l

Toxicity to daphnia and other aquatic invertebrates : EC50 (Daphnia pulex (Water flea)): 4.2 mg/l
Exposure time: 96 h

Toxicity to algae : IC50 (Scenedesmus quadricauda (Green algae)): 272 mg/l

Toxicity to bacteria : EC50 (Photobacterium phosphoreum): > 43 mg/l

EC50 (Photobacterium phosphoreum): < 66 mg/l

Ecotoxicology Assessment Acute aquatic toxicity : Very toxic to aquatic life.

Chronic aquatic toxicity : Very toxic to aquatic life with long lasting effects.

Toxicity Data on Soil : Not expected to adsorb on soil.

Persistence and degradability

No data available

Bioaccumulative potential

No data available

Mobility in soil

No data available

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Other adverse effects

No data available

Product:

Regulation 40 CFR Protection of Environment; Part 82 Protection of Stratospheric Ozone - CAA Section 602 Class I Substances

Remarks This product neither contains, nor was manufactured with a Class I or Class II ODS as defined by the U.S. Clean Air Act Section 602 (40 CFR 82, Subpt. A, App.A + B).

Additional ecological information : An environmental hazard cannot be excluded in the event of unprofessional handling or disposal.
Toxic to aquatic life with long lasting effects.

SECTION 13. DISPOSAL CONSIDERATIONS
Disposal methods

Waste from residues : The product should not be allowed to enter drains, water courses or the soil.
Do not contaminate ponds, waterways or ditches with chemical or used container.
Send to a licensed waste management company.
Can be disposed as waste water, when in compliance with local regulations.

Contaminated packaging : Empty remaining contents.
Dispose of as unused product.
Empty containers should be taken to an approved waste handling site for recycling or disposal.
Do not re-use empty containers.

SECTION 14. TRANSPORT INFORMATION
International Regulation
IATA-DGR

UN/ID No. : UN 3316
Proper shipping name : Chemical kit
Class : 9
Packing group : II
Labels : Miscellaneous dangerous goods
Packing instruction (cargo aircraft) : 960
Packing instruction (passenger aircraft) : 960

IMDG-Code

UN number : UN 3316
Proper shipping name : Chemical kit
Class : 9
Packing group : II
Labels : 9
EmS Code : F-A, S-P

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Marine pollutant : no

Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code

Not applicable for product as supplied.

National Regulations
49 CFR

UN/ID/NA number : UN 3316
 Proper shipping name : Chemical kits
 Class : 9
 Packing group : II
 Labels : Class 9 - Miscellaneous Dangerous Goods
 ERG Code : 171
 Marine pollutant : no

SECTION 15. REGULATORY INFORMATION
R1

TSCA list : Not relevant

Not relevant

EPCRA - Emergency Planning and Community Right-to-Know Act
CERCLA Reportable Quantity

Components	CAS-No.	Component RQ (lbs)	Calculated product RQ (lbs)
Sodium hydroxide	1310-73-2	1000	*

*: Calculated RQ exceeds reasonably attainable upper limit.

SARA 304 Extremely Hazardous Substances Reportable Quantity

Components	CAS-No.	Component RQ (lbs)	Calculated product RQ (lbs)
Sodium azide	26628-22-8	1000	*

*: Calculated RQ exceeds reasonably attainable upper limit.

SARA 311/312 Hazards : No SARA Hazards

SARA 302 : The following components are subject to reporting levels established by SARA Title III, Section 302:

sodium azide	26628-22-8	0.1999 %
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SARA 313 : This material does not contain any chemical components with known CAS numbers that exceed the threshold (De Minimis) reporting levels established by SARA Title III, Section 313.

Clean Air Act

This product does not contain any hazardous air pollutants (HAP), as defined by the U.S. Clean Air Act Section 12 (40 CFR 61).

This product does not contain any chemicals listed under the U.S. Clean Air Act Section 112(r) for Accidental Release Prevention (40 CFR 68.130, Subpart F).


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This product does not contain any chemicals listed under the U.S. Clean Air Act Section 111 SOCM Intermediate or Final VOC's (40 CFR 60.489).

Clean Water Act

The following Hazardous Substances are listed under the U.S. CleanWater Act, Section 311, Table 116.4A:

sodium hydroxide	1310-73-2	0.4999 %
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The following Hazardous Chemicals are listed under the U.S. CleanWater Act, Section 311, Table 117.3:

sodium hydroxide	1310-73-2	0.4999 %
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This product does not contain any toxic pollutants listed under the U.S. Clean Water Act Section 307

Massachusetts Right To Know

sodium azide	26628-22-8	0.1 - 1 %
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Pennsylvania Right To Know

water	7732-18-5	90 - 100 %
4-morpholinopropanesulphonic acid	1132-61-2	1 - 5 %
sodium hydroxide	1310-73-2	0.1 - 1 %
sodium azide	26628-22-8	0.1 - 1 %

New Jersey Right To Know

water	7732-18-5	90 - 100 %
4-morpholinopropanesulphonic acid	1132-61-2	1 - 5 %
non hazardous compounds	Not Assigned	1 - 5 %
sodium chloride	7647-14-5	1 - 5 %

California Prop 65

This product does not contain any chemicals known to State of California to cause cancer, birth defects, or any other reproductive harm.

The components of this product are reported in the following inventories:

REACH : Not in compliance with the inventory

: 4-morpholinopropanesulphonic acid

: non hazardous compounds

: sodium chloride

: sodium hydroxide

: sodium azide

: magnesium di(acetate)

CH INV : Not in compliance with the inventory

: non hazardous compounds

TSCA : Not On TSCA Inventory

: non hazardous compounds

DSL : This product contains the following components that are not on the Canadian DSL nor NDSL.

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	: non hazardous compounds
AICS	: Not in compliance with the inventory
	: non hazardous compounds
NZIoC	: On the inventory, or in compliance with the inventory
ENCS	: Not in compliance with the inventory
	: water
	: 4-morpholinopropanesulphonic acid
	: non hazardous compounds
ISHL	: Not in compliance with the inventory
	: water
	: non hazardous compounds
KECI	: Not in compliance with the inventory
	: non hazardous compounds
PICCS	: Not in compliance with the inventory
	: 4-morpholinopropanesulphonic acid
	: non hazardous compounds
IECSC	: Not in compliance with the inventory
	: non hazardous compounds

Inventories

AICS (Australia), DSL (Canada), IECSC (China), REACH (European Union), ENCS (Japan), ISHL (Japan), KECI (Korea), NZIoC (New Zealand), PICCS (Philippines), TSCA (USA)

R1a

TSCA list	: Not relevant
	Not relevant

EPCRA - Emergency Planning and Community Right-to-Know Act
CERCLA Reportable Quantity

Components	CAS-No.	Component RQ (lbs)	Calculated product RQ (lbs)
Disodium hydrogen phosphate	7558-79-4	5000	*

*: Calculated RQ exceeds reasonably attainable upper limit.

SARA 304 Extremely Hazardous Substances Reportable Quantity


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Components	CAS-No.	Component RQ (lbs)	Calculated product RQ (lbs)
Sodium azide	26628-22-8	1000	*

*: Calculated RQ exceeds reasonably attainable upper limit.

SARA 311/312 Hazards : Acute Health Hazard

SARA 302 : The following components are subject to reporting levels established by SARA Title III, Section 302:

sodium azide	26628-22-8	1.25 %
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SARA 313 : The following components are subject to reporting levels established by SARA Title III, Section 313:

sodium azide	26628-22-8	1.25 %
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Clean Air Act

This product does not contain any hazardous air pollutants (HAP), as defined by the U.S. Clean Air Act Section 12 (40 CFR 61).

This product does not contain any chemicals listed under the U.S. Clean Air Act Section 112(r) for Accidental Release Prevention (40 CFR 68.130, Subpart F).

This product does not contain any chemicals listed under the U.S. Clean Air Act Section 111 SOCM Intermediate or Final VOC's (40 CFR 60.489).

Clean Water Act

The following Hazardous Substances are listed under the U.S. CleanWater Act, Section 311, Table 116.4A:

disodium hydrogenorthophosphate	7558-79-4	29 %
sodium hydroxide	1310-73-2	4.22 %

The following Hazardous Chemicals are listed under the U.S. CleanWater Act, Section 311, Table 117.3:

disodium hydrogenorthophosphate	7558-79-4	29 %
sodium hydroxide	1310-73-2	4.22 %

This product does not contain any toxic pollutants listed under the U.S. Clean Water Act Section 307

Massachusetts Right To Know

disodium hydrogenorthophosphate	7558-79-4	20 - 30 %
sodium hydroxide	1310-73-2	1 - 5 %
sodium azide	26628-22-8	1 - 5 %

Pennsylvania Right To Know

non hazardous compounds	Not Assigned	50 - 70 %
disodium hydrogenorthophosphate	7558-79-4	20 - 30 %
magnesium di(acetate)	142-72-3	5 - 10 %
sodium hydroxide	1310-73-2	1 - 5 %
sodium azide	26628-22-8	1 - 5 %

New Jersey Right To Know

non hazardous compounds	Not Assigned	50 - 70 %
disodium hydrogenorthophosphate	7558-79-4	20 - 30 %

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magnesium di(acetate)	142-72-3	5 - 10 %
sodium hydroxide	1310-73-2	1 - 5 %
ammonium 8-anilinonaphthalene-1-sulphonate	28836-03-5	1 - 5 %
sodium azide	26628-22-8	1 - 5 %

California Prop 65

This product does not contain any chemicals known to State of California to cause cancer, birth defects, or any other reproductive harm.

The components of this product are reported in the following inventories:

REACH	: Not in compliance with the inventory
	: non hazardous compounds
	: disodium hydrogenorthophosphate
	: magnesium di(acetate)
	: sodium hydroxide
	: ammonium 8-anilinonaphthalene-1-sulphonate
	: sodium azide
CH INV	: Not in compliance with the inventory
	: non hazardous compounds
TSCA	: Not On TSCA Inventory
	: non hazardous compounds
DSL	: This product contains the following components that are not on the Canadian DSL nor NDSL.
	: non hazardous compounds
AICS	: Not in compliance with the inventory
	: non hazardous compounds
NZIoC	: On the inventory, or in compliance with the inventory
ENCS	: Not in compliance with the inventory
	: non hazardous compounds
	: ammonium 8-anilinonaphthalene-1-sulphonate
ISHL	: Not in compliance with the inventory
	: non hazardous compounds
KECI	: Not in compliance with the inventory


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This product does not contain any chemicals listed under the U.S. Clean Air Act Section 112(r) for Accidental Release Prevention (40 CFR 68.130, Subpart F).

This product does not contain any chemicals listed under the U.S. Clean Air Act Section 111 SOCM Intermediate or Final VOC's (40 CFR 60.489).

Clean Water Act

The following Hazardous Substances are listed under the U.S. CleanWater Act, Section 311, Table 116.4A:

sodium hydroxide	1310-73-2	0.1999 %
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The following Hazardous Chemicals are listed under the U.S. CleanWater Act, Section 311, Table 117.3:

sodium hydroxide	1310-73-2	0.1999 %
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This product does not contain any toxic pollutants listed under the U.S. Clean Water Act Section 307

Massachusetts Right To Know

sodium azide	26628-22-8	0.1 - 1 %
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Pennsylvania Right To Know

water	7732-18-5	90 - 100 %
sodium hydroxide	1310-73-2	0.1 - 1 %
sodium azide	26628-22-8	0.1 - 1 %

New Jersey Right To Know

water	7732-18-5	90 - 100 %
sodium chloride	7647-14-5	1 - 5 %
non hazardous compounds (liquid)	Not Assigned	1 - 5 %

California Prop 65

This product does not contain any chemicals known to State of California to cause cancer, birth defects, or any other reproductive harm.

The components of this product are reported in the following inventories:

REACH	: Not in compliance with the inventory
	: sodium chloride
	: non hazardous compounds (liquid)
	: 4-morpholinopropanesulphonic acid
	: non hazardous compounds
	: sodium hydroxide
	: sodium azide
CH INV	: Not in compliance with the inventory
	: non hazardous compounds (liquid)
	: non hazardous compounds
TSCA	: Not On TSCA Inventory
	: non hazardous compounds (liquid)

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	: non hazardous compounds
DSL	: This product contains the following components that are not on the Canadian DSL nor NDSL.
	: non hazardous compounds (liquid)
	: non hazardous compounds
AICS	: Not in compliance with the inventory
	: non hazardous compounds (liquid)
	: non hazardous compounds
NZIoC	: On the inventory, or in compliance with the inventory
ENCS	: Not in compliance with the inventory
	: water
	: non hazardous compounds (liquid)
	: 4-morpholinopropanesulphonic acid
	: non hazardous compounds
ISHL	: Not in compliance with the inventory
	: water
	: non hazardous compounds (liquid)
	: non hazardous compounds
KECI	: Not in compliance with the inventory
	: non hazardous compounds (liquid)
	: non hazardous compounds
PICCS	: Not in compliance with the inventory
	: non hazardous compounds (liquid)
	: 4-morpholinopropanesulphonic acid
	: non hazardous compounds
IECSC	: Not in compliance with the inventory
	: non hazardous compounds (liquid)
	: non hazardous compounds

Inventories


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sodium dihydrogenorthophosphate	7558-80-7	10 - 20 %
Albumins, blood serum	9048-46-8	10 - 20 %
sodium azide	26628-22-8	0.1 - 1 %

New Jersey Right To Know

non hazardous compounds	Not Assigned	30 - 50 %
2-nitrophenyl- β -D-galactopyranoside	369-07-3	10 - 20 %
sodium dihydrogenorthophosphate	7558-80-7	10 - 20 %
Albumins, blood serum	9048-46-8	10 - 20 %

California Prop 65

This product does not contain any chemicals known to State of California to cause cancer, birth defects, or any other reproductive harm.

The components of this product are reported in the following inventories:

REACH	: Not in compliance with the inventory
	: non hazardous compounds
	: 2-nitrophenyl- β -D-galactopyranoside
	: sodium dihydrogenorthophosphate
	: Albumins, blood serum
	: sodium azide
CH INV	: Not in compliance with the inventory
	: non hazardous compounds
TSCA	: Not On TSCA Inventory
	: non hazardous compounds
	: 2-nitrophenyl- β -D-galactopyranoside
DSL	: This product contains the following components that are not on the Canadian DSL nor NDSL.
	: non hazardous compounds
AICS	: Not in compliance with the inventory
	: non hazardous compounds
NZIoC	: On the inventory, or in compliance with the inventory
ENCS	: Not in compliance with the inventory
	: non hazardous compounds
	: 2-nitrophenyl- β -D-galactopyranoside
	: Albumins, blood serum

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ISHL	: Not in compliance with the inventory
	: non hazardous compounds
	: 2-nitrophenyl- β -D-galactopyranoside
	: Albumins, blood serum
KECI	: Not in compliance with the inventory
	: non hazardous compounds
	: 2-nitrophenyl- β -D-galactopyranoside
PICCS	: Not in compliance with the inventory
	: non hazardous compounds
	: 2-nitrophenyl- β -D-galactopyranoside
IECSC	: Not in compliance with the inventory
	: non hazardous compounds

Inventories

AICS (Australia), DSL (Canada), IECSC (China), REACH (European Union), ENCS (Japan), ISHL (Japan), KECI (Korea), NZIoC (New Zealand), PICCS (Philippines), TSCA (USA)

R3

TSCA list	: Not relevant
	Not relevant

EPCRA - Emergency Planning and Community Right-to-Know Act
CERCLA Reportable Quantity

Components	CAS-No.	Component RQ (lbs)	Calculated product RQ (lbs)
Sodium azide	26628-22-8	1000	*

*: Calculated RQ exceeds reasonably attainable upper limit.

SARA 304 Extremely Hazardous Substances Reportable Quantity

Components	CAS-No.	Component RQ (lbs)	Calculated product RQ (lbs)
Sodium azide	26628-22-8	1000	*

*: Calculated RQ exceeds reasonably attainable upper limit.

SARA 311/312 Hazards : Acute Health Hazard

SARA 302 : The following components are subject to reporting levels established by SARA Title III, Section 302:

sodium azide	26628-22-8	2.4 %
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SARA 313 : The following components are subject to reporting levels established by SARA Title III, Section 313:

sodium azide	26628-22-8	2.4 %
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Clean Air Act

This product does not contain any hazardous air pollutants (HAP), as defined by the U.S. Clean Air Act Section 12 (40 CFR 61).

This product does not contain any chemicals listed under the U.S. Clean Air Act Section 112(r) for Accidental Release Prevention (40 CFR 68.130, Subpart F).

This product does not contain any chemicals listed under the U.S. Clean Air Act Section 111 SOCM Intermediate or Final VOC's (40 CFR 60.489).

Clean Water Act

The following Hazardous Substances are listed under the U.S. CleanWater Act, Section 311, Table 116.4A:

disodium hydrogenorthophosphate	7558-79-4	1.2 %
sodium hydroxide	1310-73-2	0.2 %

The following Hazardous Chemicals are listed under the U.S. CleanWater Act, Section 311, Table 117.3:

disodium hydrogenorthophosphate	7558-79-4	1.2 %
sodium hydroxide	1310-73-2	0.2 %

This product does not contain any toxic pollutants listed under the U.S. Clean Water Act Section 307

Massachusetts Right To Know

sodium azide	26628-22-8	1 - 5 %
disodium hydrogenorthophosphate	7558-79-4	1 - 5 %

Pennsylvania Right To Know

Albumins, blood serum	9048-46-8	70 - 90 %
sodium chloride	7647-14-5	10 - 20 %
non hazardous compounds	Not Assigned	1 - 5 %
sodium azide	26628-22-8	1 - 5 %
disodium hydrogenorthophosphate	7558-79-4	1 - 5 %
sodium hydroxide	1310-73-2	0.1 - 1 %

New Jersey Right To Know

Albumins, blood serum	9048-46-8	70 - 90 %
sodium chloride	7647-14-5	10 - 20 %
non hazardous compounds	Not Assigned	1 - 5 %
sodium azide	26628-22-8	1 - 5 %
sodium dihydrogenorthophosphate	7558-80-7	1 - 5 %
disodium hydrogenorthophosphate	7558-79-4	1 - 5 %

California Prop 65

This product does not contain any chemicals known to State of California to cause cancer, birth defects, or any other reproductive harm.

The components of this product are reported in the following inventories:

REACH : Not in compliance with the inventory

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	: Albumins, blood serum
	: sodium chloride
	: non hazardous compounds
	: sodium azide
	: sodium dihydrogenorthophosphate
	: disodium hydrogenorthophosphate
	: sodium hydroxide
CH INV	: Not in compliance with the inventory
	: non hazardous compounds
TSCA	: Not On TSCA Inventory
	: non hazardous compounds
DSL	: This product contains the following components that are not on the Canadian DSL nor NDSL.
	: non hazardous compounds
AICS	: Not in compliance with the inventory
	: non hazardous compounds
NZIoC	: On the inventory, or in compliance with the inventory
ENCS	: Not in compliance with the inventory
	: Albumins, blood serum
	: non hazardous compounds
ISHL	: Not in compliance with the inventory
	: Albumins, blood serum
	: non hazardous compounds
KECI	: Not in compliance with the inventory
	: non hazardous compounds
PICCS	: Not in compliance with the inventory
	: non hazardous compounds
IECSC	: Not in compliance with the inventory
	: non hazardous compounds


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disodium hydrogenorthosphat e	7558-79-4	1.26 %
sodium hydroxide	1310-73-2	0.26 %

This product does not contain any toxic pollutants listed under the U.S. Clean Water Act Section 307

Massachusetts Right To Know

sodium azide	26628-22-8	1 - 5 %
disodium hydrogenorthophosphate	7558-79-4	1 - 5 %

Pennsylvania Right To Know

Albumins, blood serum	9048-46-8	70 - 90 %
sodium chloride	7647-14-5	10 - 20 %
sodium azide	26628-22-8	1 - 5 %
disodium hydrogenorthophosphate	7558-79-4	1 - 5 %
sodium hydroxide	1310-73-2	0.1 - 1 %

New Jersey Right To Know

Albumins, blood serum	9048-46-8	70 - 90 %
sodium chloride	7647-14-5	10 - 20 %
sodium azide	26628-22-8	1 - 5 %
sodium dihydrogenorthophosphate	7558-80-7	1 - 5 %
disodium hydrogenorthophosphate	7558-79-4	1 - 5 %

California Prop 65

This product does not contain any chemicals known to State of California to cause cancer, birth defects, or any other reproductive harm.

The components of this product are reported in the following inventories:

REACH	: Not in compliance with the inventory
	: Albumins, blood serum
	: sodium chloride
	: sodium azide
	: sodium dihydrogenorthophosphate
	: disodium hydrogenorthophosphate
	: DL-thyroxin
	: sodium hydroxide
CH INV	: On the inventory, or in compliance with the inventory
TSCA	: On TSCA Inventory
DSL	: All components of this product are on the Canadian DSL.
AICS	: On the inventory, or in compliance with the inventory
NZIoC	: On the inventory, or in compliance with the inventory

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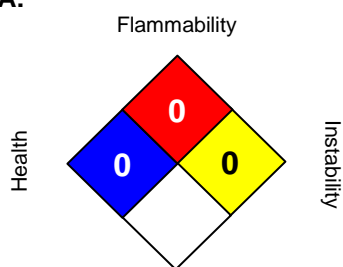
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ENCS	: Not in compliance with the inventory
	: Albumins, blood serum
	: DL-thyroxin
ISHL	: Not in compliance with the inventory
	: Albumins, blood serum
	: DL-thyroxin
KECI	: Not in compliance with the inventory
	: DL-thyroxin
PICCS	: On the inventory, or in compliance with the inventory
IECSC	: Not in compliance with the inventory
	: DL-thyroxin

Inventories

AICS (Australia), DSL (Canada), IECSC (China), REACH (European Union), ENCS (Japan), ISHL (Japan), KECI (Korea), NZIoC (New Zealand), PICCS (Philippines), TSCA (USA)

SECTION 16. OTHER INFORMATION
Further information
R1
NFPA:

HMIS III:

HEALTH	0
FLAMMABILITY	0
PHYSICAL HAZARD	0

0 = not significant, 1 = Slight,
2 = Moderate, 3 = High
4 = Extreme, * = Chronic

R1a

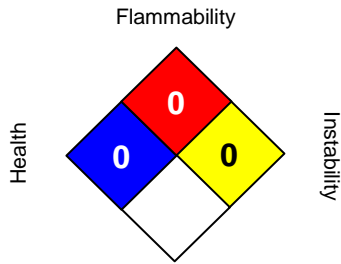
T4 CEDIA, cobas c 701

Version 1.0

Revision Date 03-10-2015

Print Date 03-12-2015

NFPA:



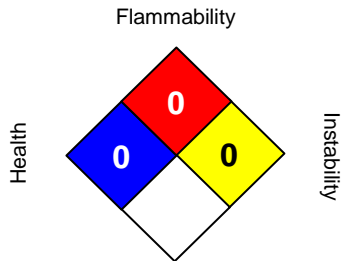
Special hazard.

HMIS III:

HEALTH	1
FLAMMABILITY	1
PHYSICAL HAZARD	0

0 = not significant, 1 =Slight,
2 = Moderate, 3 = High
4 = Extreme, * = Chronic

**R2
NFPA:**



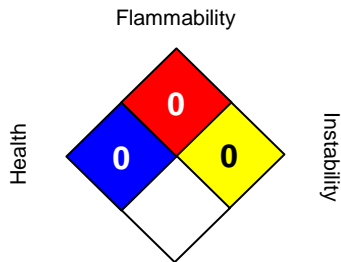
Special hazard.

HMIS III:

HEALTH	0
FLAMMABILITY	0
PHYSICAL HAZARD	0

0 = not significant, 1 =Slight,
2 = Moderate, 3 = High
4 = Extreme, * = Chronic

**R2a
NFPA:**



Special hazard.

HMIS III:

HEALTH	1
FLAMMABILITY	0
PHYSICAL HAZARD	0

0 = not significant, 1 =Slight,
2 = Moderate, 3 = High
4 = Extreme, * = Chronic

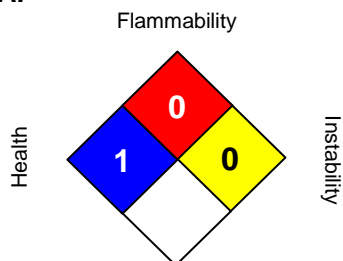
R3

T4 CEDIA, cobas c 701

Version 1.0

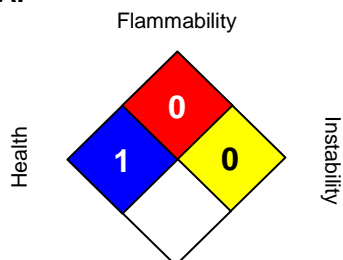
Revision Date 03-10-2015

Print Date 03-12-2015

NFPA:**HMIS III:**

HEALTH	1
FLAMMABILITY	1
PHYSICAL HAZARD	0

0 = not significant, 1 =Slight,
2 = Moderate, 3 = High
4 = Extreme, * = Chronic

**R4
NFPA:****HMIS III:**

HEALTH	1
FLAMMABILITY	1
PHYSICAL HAZARD	0

0 = not significant, 1 =Slight,
2 = Moderate, 3 = High
4 = Extreme, * = Chronic

Revision Date : 03-10-2015

The information provided in 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 guidance for safe handling, use, processing, storage, transportation, disposal and release and is not to be considered 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 materials or in any process, unless specified in the text.