

## SAFETY DATA SHEETS

**This SDS packet was issued with item:**

078016092

N/A

# Material Safety Data Sheet



## 1. IDENTIFICATION OF THE SUBSTANCE/PREPARATION AND THE COMPANY/UNDERTAKING

**Product name:** Uric Acid/1000  
**Product number:** 05171857190  
**Business area:** Centralized Diagnostics  
**Product line:** Cobas  
**Supplier:** Roche Diagnostics  
9115 Hague Road  
Indianapolis, IN 46250  
Site Phone Number: 1-800-428-5074

**Emergency telephone number:**  
CHEMTREC:  
1-800-424-9300 (U.S. or Canada)  
1-703-527-3887 (International)

## 2. COMPOSITION/INFORMATION ON INGREDIENTS

### Description 1: Bottle 1

Components	CAS Number	Weight %	OSHA PEL:	OSHA STEL:	ACGIH TLV:	ACGIH STEL:
Sodium azide	26628-22-8	0.01-<0.1	NA	NA	NA	0.11 ppm Ceiling 0.29 mg/m <sup>3</sup> Ceiling
Polidocanol	5274-68-0	1-5	NA	NA	NA	NA
Oxetal	NONE	1-5	NA	NA	NA	NA

### Description 2: Bottle 2

Components	CAS Number	Weight %	OSHA PEL:	OSHA STEL:	ACGIH TLV:	ACGIH STEL:
Sodium phosphate, dibasic	7558-79-4	1-5	NA	NA	NA	NA

## 3. HAZARDS IDENTIFICATION

### Emergency Overview

**NFPA Ratings:** Health= 1 Flammability= 0 Reactivity= 0 Special= I

**Special Definitions:** A=Allergen CA=Carcinogen CO=Corrosive F=Flammable H=Harmful I=Irritant Ox=Oxidizer PB=Potential Biohazard  
R=Reproductive S=Sensitizer T=Toxic T+=Highly Toxic W=Water Reactive

**Principle routes of exposure:** Ingestion, inhalation, skin and/or eye contact.

**Inhalation:** May cause irritation of respiratory tract.

**Ingestion:** Ingestion may cause gastrointestinal irritation, nausea, vomiting and diarrhea

**Skin contact:** May cause irritation in contact with skin.

**Eye contact:** Avoid contact with skin and eyes. Avoid contact with eyes.

**Sensitization or Odor threshold:** The following chemical(s) may cause sensitization, be absorbed via skin, and/or has an odor threshold for detection:

**Medical conditions aggravated by exposure:** None known

**Additional information:** None

## 4. FIRST AID MEASURES

**Inhalation:** Consult a physician. Move to fresh air. If not breathing, give artificial respiration. If breathing is difficult, give oxygen

**Skin contact:** Rinse with plenty of water. If skin irritation persists, call a physician. Remove and wash contaminated clothing before re-use

**Ingestion:** Consult a physician. Do not induce vomiting without medical advice

**Eye contact:** In the case of contact with eyes, rinse immediately with plenty of water and seek medical advice

Notes to physician: None determined

## 5. FIRE-FIGHTING MEASURES

**Suitable extinguishing media:** Use dry chemical, CO<sub>2</sub>, water spray or 'alcohol' foam

**Unusual hazards:** None known

**Special protective equipment for firefighters:** Wear self contained breathing apparatus for fire fighting if necessary

## 6. ACCIDENTAL RELEASE MEASURES

**Personal precautions:** Use personal protective equipment. Evacuate personnel to safe areas

**Environmental precautions:** Prevent further leakage or spillage if safe to do so. Prevent product from entering drains.

**Methods for cleaning up:** Never return spills in original containers for re-use. Sweep up or vacuum (if powder) or soak up with inert absorbent material (if liquid), then place into a suitable clean, dry, closed container, and label for disposal

## 7. HANDLING AND STORAGE

**Handling:** Protect from contamination. Wear personal protective equipment

**Storage:** No special precautions required

## 8. EXPOSURE CONTROLS / PERSONAL PROTECTION

**Engineering measures:** Not applicable

### Personal Protective Equipment

**Respiratory protection:** Respiratory protection is not required under normal use of this product. If respiratory protection is needed, follow the OSHA regulation, 29CFR1910.134. Always use a NIOSH approved respirator when necessary

**Hand protection:** Wear appropriate protective gloves to prevent skin contact. Replace torn or punctured gloves promptly

**Skin and body protection:** Wear appropriate body protection to prevent skin contact

**Eye protection:** Wear appropriate eye protection to prevent eye contact

**Hygiene measures:** Avoid contact with skin, eyes and clothing

## 9. PHYSICAL AND CHEMICAL PROPERTIES

**pH:** 7.8

**Physical state:** Liquid.

## 10. STABILITY AND REACTIVITY

**Stability:** Stable under recommended storage conditions

**Polymerization:** Not applicable

**Hazardous decomposition products:** Carbon oxides

**Materials to avoid:** Strong acids and strong bases. Strong oxidising agents

## 11. TOXICOLOGICAL INFORMATION

Components	NIOSH - Selected LD50s and LC50s:	NIOSH Pocket Guide - Target Organs:
Sodium azide	=20 mg/kg Dermal LD50 Rabbit	eyes CNS skin CVS kidneys

Components	NIOSH - Selected LD50s and LC50s:	NIOSH Pocket Guide - Target Organs:
Sodium phosphate, dibasic	=17 g/kg Oral LD50 Rat	

**Inhalation:** No additional data available

**Skin:** No additional data available

**Oral:** No additional data available

**Mutagenic effects:** No data is available on the product itself

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**Product name:** Uric Acid/1000

**Reproductive toxicity:** No data is available on the product itself

## 12. ECOLOGICAL INFORMATION

**Bioaccumulation:** Not determined

**Aquatic toxicity:** No data is available on the product itself

**Ecotoxicity effects:** No data is available on the product itself

### U.S. EPA, RCRA, CERCLA, SARA, or DGC information on persistent, bioaccumulative, and toxic chemicals (PBTs):

The following chemicals are listed under the U.S. EPA regulations of RCRA, CERCLA, SARA, or DGC:

## 13. DISPOSAL CONSIDERATIONS

**Waste from residues / unused products:** Waste disposal must be in accordance with appropriate Federal, State, and local regulations. This product, if unaltered by use, may be disposed of by treatment at a permitted facility or as advised by your local hazardous waste regulatory authority. Residue from fires extinguished with this material may be hazardous

## 14. TRANSPORT INFORMATION

**Is product hazardous to ship?** No  
**DOT**

**Proper shipping name:** None

**UN Number:** Not applicable      **Hazard class:** Not applicable      **Subsidiary risk:** Not applicable      **Packing group:** Not applicable

### ICAO/IATA

**Proper shipping name:** None

**UN Number:** Not applicable      **Hazard class:** Not applicable      **Subsidiary risk:** Not applicable      **Packing group:** Not applicable

## 15. REGULATORY INFORMATION

### U.S. Regulations:

**U.S. CERCLA/SARA/TSCA Regulatory Information:** The following chemicals are listed under the following TSCA/SARA/CERCLA lists. Refer to TSCA regulation if you need a definition for acronyms that may be shown in the TSCA Inventory field in the table below

Components	CERCLA/SARA 302 RQ and TPQ (40 CFR 355, App.A)	CERCLA/SARA 304 RQ (40 CFR Table 302.4)	SARA 313 Emission reporting	TSCA Inventory
Sodium azide	=500 lb TPQ	=454 kg final RQ	Listed	Present
Polidocanol				Present

Components	CERCLA/SARA 302 RQ and TPQ (40 CFR 355, App.A)	CERCLA/SARA 304 RQ (40 CFR Table 302.4)	SARA 313 Emission reporting	TSCA Inventory
Sodium phosphate, dibasic		=2270 kg final RQ		Present

**U.S. Clean Water Act (CWA)/ California Proposition 65:** The following chemicals are listed under the CWA and/or California Proposition 65:

Components	Clean Water Act Hazardous Substances	Clean Water Act Priority Pollutants	California Proposition 65
Sodium phosphate, dibasic	Present		

### Canadian Regulations:

This product has been classified in accordance with the hazard criteria of the Controlled Products Regulations and the MSDS contains all the information required by the Controlled Products Regulations.

Components	Canada - WHMIS: Classifications of Substances:
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**Product name:** Uric Acid/1000

Components	Canada - WHMIS: Classifications of Substances:
Sodium azide	D1A

## 16. OTHER INFORMATION

**Reason for revision:** Not applicable  
**References:** None  
**Additional advice:** None  
**Prepared by:** Roche Diagnostics, Health & Safety Department, MSDS Contact: 317-521-7425 or 317-521-7505

The information, data and recommendations contained herein are based upon information believed by Roche Diagnostics Operations after reasonable investigation and research, to be accurate; however, Roche Diagnostics Operations does not warrant the accuracy of this information. All materials and mixtures may present unknown hazards and should be used with caution. When necessary or appropriate, independent opinions regarding the risk of handling or exposure should be obtained from trained professionals. Roche Diagnostics Operations disclaims any warranty against patent infringement and the implied warranties of merchantability and fitness for a particular purpose. Customer's sole and exclusive remedy shall be replacement of the product or return of the product and refund of the purchase price, at Roche Diagnostics Operations's option. In no case shall Roche Diagnostics Operations be liable for incidental or consequential damages, including lost profits.

**End of Safety Data Sheet**

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04-24-2015Date of last issue: 09-18-2014  
Date of first issue: 10-10-2012**SECTION 1. IDENTIFICATION**

Product name : UA2  
Mat.-No./ Genisys-No. : 05171857190

**Manufacturer or supplier's details**

Company name of supplier : Roche Diagnostics

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 : Danger

Hazard statements : H318 Causes serious eye damage.

Precautionary statements : **Prevention:**  
P280 Wear eye protection/ face protection.  
**Response:**  
P305 + P351 + P338 + P310 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Immediately call a POISON CENTER or doctor/ physician.

**Other hazards**

None known.

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Category 1

H318: Causes serious eye damage.

**Hazardous components**

Chemical Name	CAS-No.	Concentration (%)
Dodecyl alcohol, ethoxylated	9002-92-0	>= 1 - < 5
Isodecanol, ethoxylated	61827-42-7	>= 1 - < 5

**R2 (C)****GHS Classification**

Not a hazardous substance or mixture.

**Hazardous components**

No hazardous ingredients

**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 : If skin irritation persists, call a physician.  
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.

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Rinse mouth with water.

Most important symptoms  
and effects, both acute and  
delayed : No information available.

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 cir-  
cumstances and the surrounding environment.

Unsuitable extinguishing  
media : High volume water jet

Specific hazards during fire-  
fighting : Do not allow run-off from fire fighting to enter drains or water  
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 nec-  
essary.

**SECTION 6. ACCIDENTAL RELEASE MEASURES**

Personal precautions, protec-  
tive equipment and emer-  
gency procedures : Use personal protective equipment.  
Refer to protective measures listed in sections 7 and 8.

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 : Soak up with inert absorbent material (e.g. sand, silica gel,  
acid binder, universal binder, sawdust).  
Keep in suitable, closed containers for disposal.

**SECTION 7. HANDLING AND STORAGE**

Advice on protection against  
fire and explosion : Normal measures for preventive fire protection.

Advice on safe handling : 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 ap-  
plication area.



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Dispose of rinse water in accordance with local and national regulations.  
To prevent leaks or spillages from spreading, provide a suitable liquid retention system.

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 (A / B)****Components with workplace control parameters**

Contains no substances with occupational exposure limit values.

**Hazardous components without workplace control parameters**

Components	CAS-No.
Dodecyl alcohol, ethoxylated	9002-92-0
Isodecanol, ethoxylated	61827-42-7

**R2 (C)****Components with workplace control parameters**

Contains no substances with occupational exposure limit values.

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

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

**SECTION 9. PHYSICAL AND CHEMICAL PROPERTIES****R1 (A / B)**

Appearance : liquid

Colour : No data available  
Odour : No data available  
Odour Threshold : No data available  
pH : 7.8

Melting point/range : No data available

Boiling point/boiling range : No data available

Flash point : does not flash

Evaporation rate : No data available  
Flammability (solid, gas) : The product is not flammable.

Upper explosion limit : No data available

Lower explosion limit : No data available

Vapour pressure : No data available  
Relative vapour density : No data available  
Relative density : No data available  
Density : No data available  
Solubility(ies)  
Water solubility : completely miscible

Partition coefficient: n-octanol/water : No data available  
Auto-ignition temperature : No data available

Decomposition temperature : No data available

Viscosity : No data available  
Explosive properties : No data available  
Oxidizing properties : The substance or mixture is not classified as oxidizing.

**R2 (C)**

Appearance : liquid

Colour : No data available  
Odour : No data available  
Odour Threshold : No data available  
pH : 7.8

Melting point/range : No data available

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Boiling point/boiling range	: No data available
Flash point	: does not flash
Evaporation rate	: No data available
Flammability (solid, gas)	: The product is not flammable.
Upper explosion limit	: No data available
Lower explosion limit	: No data available
Vapour pressure	: No data available
Relative vapour density	: No data available
Relative density	: No data available
Density	: No data available
Solubility(ies)	
Water solubility	: completely miscible
Partition coefficient: n-octanol/water	: No data available
Auto-ignition temperature	: No data available
Decomposition temperature	: No data available
Viscosity	: No data available
Explosive properties	: No data available
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.
Chemical stability	: Stable under normal conditions.
Possibility of hazardous reactions	: No decomposition if stored and applied as directed.
Conditions to avoid	: No data available
Incompatible materials	: No data available
Hazardous decomposition products	: No data available

**SECTION 11. TOXICOLOGICAL INFORMATION****R1 (A / B)****Acute toxicity**

Not classified based on available information.

**Product:**

Acute oral toxicity	: Acute toxicity estimate: > 5,000 mg/kg Method: Calculation method
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Acute oral toxicity : LD50 Oral (Rat): 2,000 mg/kg

**Isodecanol, ethoxylated:**Acute oral toxicity : Acute toxicity estimate: > 300 mg/kg  
Method: Expert judgementAcute toxicity estimate: <= 2,000 mg/kg  
Method: Expert judgement

LD50 Oral (Rat): &gt; 2,000 mg/kg

Acute inhalation toxicity : Remarks: An LC50/inhalation/4h/rat could not be determined because no mortality of rats was observed at the maximum achievable concentration.

**Skin corrosion/irritation**

Not classified based on available information.

**Product:**

Remarks: May cause skin irritation and/or dermatitis.

**Components:****Dodecyl alcohol, ethoxylated:**

Result: Irritating to skin.

**Serious eye damage/eye irritation**

Causes serious eye damage.

**Product:**

Remarks: May cause irreversible eye damage.

**Components:****Dodecyl alcohol, ethoxylated:**

Result: Risk of serious damage to eyes.

**Isodecanol, ethoxylated:**

Result: Risk of serious damage to eyes.

**Respiratory or skin sensitisation**

Skin sensitisation: Not classified based on available information.

Respiratory sensitisation: Not classified based on available information.

**Components:****Isodecanol, ethoxylated:**

Remarks: Did not cause sensitisation on laboratory animals.

**Germ cell mutagenicity**

Not classified based on available information.

**Carcinogenicity**

Not classified based on available information.

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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:****Isodecanol, ethoxylated:**

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:****Isodecanol, ethoxylated:**

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

**Aspiration toxicity**

Not classified based on available information.

**Components:****Isodecanol, ethoxylated:**

No data available

**R2 (C)****Acute toxicity**

Not classified based on available information.

**Product:**

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

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

**Skin corrosion/irritation**

Not classified based on available information.

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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.

**STOT - repeated exposure**

Not classified based on available information.

**Aspiration toxicity**

Not classified based on available information.

**SECTION 12. ECOLOGICAL INFORMATION****R1 (A / B)****Ecotoxicity****Product:**

Ecotoxicology Assessment

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

Other organisms relevant to the environment : No data available

**Components:****Dodecyl alcohol, ethoxylated:**

M-Factor (Acute aquatic toxicity) : 1

Ecotoxicology Assessment

Acute aquatic toxicity : Toxic to aquatic life.

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

**Isodecanol, ethoxylated:**Toxicity to daphnia and other  
aquatic invertebrates : EC50: 10 - 100 mg/l  
Exposure time: 48 hToxicity to algae : EC50: 10 - 100 mg/l  
Exposure time: 72 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**Persistence and degradability****Components:****Dodecyl alcohol, ethoxylated:**Biodegradability : Biodegradation: > 99 %  
Exposure time: 672 h  
Method: OECD Test Guideline 302**Isodecanol, ethoxylated:**Biodegradability : Chemical oxygen demand  
Biodegradation: > 60 %  
Exposure time: 28 d  
Method: Tested according to Directive 92/69/EEC.  
Remarks: Readily biodegradable, according to appropriate  
OECD test.Chemical Oxygen Demand  
(COD) : 2,250,000 mg/l**Bioaccumulative potential**

No data available

**Mobility in soil**

No data available

**Other adverse effects****Product:**Ozone-Depletion Potential : Regulation: 40 CFR Protection of Environment; Part 82 Pro-  
tection of Stratospheric Ozone - CAA Section 602 Class I  
Substances  
Remarks: This product neither contains, nor was manufac-  
tured 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 infor- : An environmental hazard cannot be excluded in the event of

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mation

unprofessional handling or disposal.  
Harmful to aquatic life.**Components:****Dodecyl alcohol, ethoxylated:**

Additional ecological information

: Very toxic to aquatic life.  
An environmental hazard cannot be excluded in the event of unprofessional handling or disposal.**R2 (C)****Ecotoxicity****Product:**Ecotoxicology Assessment  
Toxicity Data on Soil

: Not expected to adsorb on soil.

Other organisms relevant to the environment

: No data available

**Persistence and degradability**

No data available

**Bioaccumulative potential**

No data available

**Mobility in soil**

No data available

**Other adverse effects****Product:**

Ozone-Depletion Potential

: 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).**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.



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Do not re-use empty containers.

**SECTION 14. TRANSPORT INFORMATION****International Regulation****IATA-DGR**

Not regulated as a dangerous good

**IMDG-Code**

Not regulated as a dangerous good

**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**

Not regulated as a dangerous good

**SECTION 15. REGULATORY INFORMATION****R1 (A / B)****TSCA list** : 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 phosphate dibasic dihydrate	10028-24-7	5000	*

\*: 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** : No chemicals in this material are subject to the reporting requirements of SARA Title III, Section 302.**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 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).

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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:

Sodium phosphate di-basic dihydrate	10028-24-7	0.83 %
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The following Hazardous Chemicals are listed under the U.S. CleanWater Act, Section 311, Table 117.3:

Sodium phosphate di-basic dihydrate	10028-24-7	0.83 %
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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 - 0.1 %
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**Pennsylvania Right To Know**

water	7732-18-5	90 - 100 %
Sodium phosphate dibasic dihydrate	10028-24-7	0.1 - 1 %
sodium azide	26628-22-8	0 - 0.1 %

**New Jersey Right To Know**

water	7732-18-5	90 - 100 %
Dodecyl alcohol, ethoxylated	9002-92-0	1 - 5 %
Isodecanol, ethoxylated	61827-42-7	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

: Dodecyl alcohol, ethoxylated

: Isodecanol, ethoxylated

: Sodium phosphate dibasic dihydrate

: 3-(N-Ethyl-3-methylanilino)-2-hydroxypropanesulfonic acid sodium salt

: sodium azide

: sodium cholate

: Sodium phosphate, monobasic, monohydrate

: Edetic acid disodium salt dihydrate (EDTA-2Na-2H<sub>2</sub>O)

# SAFETY DATA SHEET



## UA2

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Date of first issue: 10-10-2012

CH INV	: Not in compliance with the inventory
	: Isodecanol, ethoxylated
	: 3-(N-Ethyl-3-methylanilino)-2-hydroxypropanesulfonic acid sodium salt
TSCA	: Not On TSCA Inventory
	: 3-(N-Ethyl-3-methylanilino)-2-hydroxypropanesulfonic acid sodium salt
DSL	: All components of this product are on the Canadian DSL.
AICS	: Not in compliance with the inventory
	: 3-(N-Ethyl-3-methylanilino)-2-hydroxypropanesulfonic acid sodium salt
NZIoC	: On the inventory, or in compliance with the inventory
ENCS	: Not in compliance with the inventory
	: water
	: Isodecanol, ethoxylated
	: 3-(N-Ethyl-3-methylanilino)-2-hydroxypropanesulfonic acid sodium salt
	: sodium cholate
ISHL	: Not in compliance with the inventory
	: water
	: Isodecanol, ethoxylated
	: 3-(N-Ethyl-3-methylanilino)-2-hydroxypropanesulfonic acid sodium salt
KECI	: Not in compliance with the inventory
	: 3-(N-Ethyl-3-methylanilino)-2-hydroxypropanesulfonic acid sodium salt
PICCS	: Not in compliance with the inventory
	: 3-(N-Ethyl-3-methylanilino)-2-hydroxypropanesulfonic acid sodium salt
	: sodium cholate
IECSC	: Not in compliance with the inventory

# SAFETY DATA SHEET

**UA2**Version  
1.4Revision Date:  
04-24-2015Date of last issue: 09-18-2014  
Date of first issue: 10-10-2012: 3-(N-Ethyl-3-methylanilino)-2-hydroxypropanesulfonic acid  
sodium salt**Inventories**AICS (Australia), DSL (Canada), IECSC (China), REACH (European Union), ENCS (Japan),  
ISHL (Japan), KECI (Korea), NZIoC (New Zealand), PICCS (Philippines), TSCA (USA)**R2 (C)****TSCA list** : 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 phosphate dibasic dihydrate	10028-24-7	5000	*

\*: 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** : No chemicals in this material are subject to the reporting requirements of SARA Title III, Section 302.**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 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).

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 I 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 phosphate dibasic dihydrate	10028-24-7	1.55 %
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The following Hazardous Chemicals are listed under the U.S. CleanWater Act, Section 311, Table 117.3:

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**UA2**Version  
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Sodium phosphate di-basic dihydrate	10028-24-7	1.55 %
-------------------------------------	------------	--------

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

**Massachusetts Right To Know**

Sodium phosphate dibasic dihydrate	10028-24-7	1 - 5 %
sodium azide	26628-22-8	0 - 0.1 %

**Pennsylvania Right To Know**

water	7732-18-5	90 - 100 %
Sodium phosphate dibasic dihydrate	10028-24-7	1 - 5 %
sodium azide	26628-22-8	0 - 0.1 %

**New Jersey Right To Know**

water	7732-18-5	90 - 100 %
Sodium phosphate dibasic dihydrate	10028-24-7	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 phosphate dibasic dihydrate
	: Sodium phosphate, monobasic, monohydrate
	: 4-amino-2,3-dimethyl-1-phenyl-3-pyrazolin-5-one
	: sodium azide
	: Potassium hexacyanidoferrate(II) trihydrate
	: Calcium chloride dihydrate
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
ENCS	: Not in compliance with the inventory
	: water
ISHL	: Not in compliance with the inventory
	: water
KECI	: On the inventory, or in compliance with the inventory

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PICCS : On the inventory, or in compliance with the inventory

IECSC : On the inventory, or in compliance with the inventory

**Inventories**

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

**R1 (A / B)****GHS Label element**

Hazard pictograms



Signal word : Danger

Hazard statements : H318 Causes serious eye damage.

Precautionary statements : **Prevention:**  
P280 Wear eye protection/ face protection.  
**Response:**  
P305 + P351 + P338 + P310 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Immediately call a POISON CENTER or doctor/ physician.

**R2 (C)****GHS Label element**

Not a hazardous substance or mixture.

**SECTION 16. OTHER INFORMATION****Further information****R1 (A / B)**

# SAFETY DATA SHEET

Roche

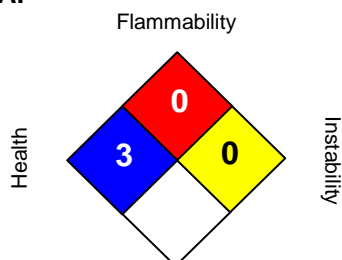
UA2

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Date of first issue: 10-10-2012

## NFPA:

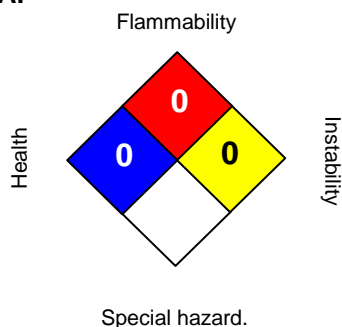


## HMIS III:

HEALTH	3
FLAMMABILITY	1
PHYSICAL HAZARD	0

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

## R2 (C) NFPA:



## HMIS III:

HEALTH	0
FLAMMABILITY	0
PHYSICAL HAZARD	0

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

Revision Date : 04-24-2015

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.

US / EN