# Safety Data Sheet (SDS)

Created: December 15 2022

(First Edition)

## 1. CHEMICAL PRODUCT AND COMPANY INDENTIFICATION

Product Name Measure CRP (Reagent 1)

Company name, address and phone UMA Co., Ltd

number 2-19-6, Yokosuka, Matsudo, Chiba-ken, 2700-0031, JAPAN Emmergency number Phone: (+81) 47-710-4871 FAX: (+81) 47-710-4872

Recommended usage and restrictions For the measurement of C-reactive Protein *in vitro* 

in usage Never use other instruments than UMA Co. Ltd designated

instruments.

## 2. SUMMARY OF HAZARDS

#### **GHS Classification**

■ Hazardous substance: Sodium Azide 0.09 %w/w

Classification of the substance or mixture

Acute toxicity – Oral Category 2

Acute toxicity Oral Category 2

Acute toxicity – Dermal Category 1

Skin corrosion/irritation Category 1C

Serious eye damage/eye irritation Category 1

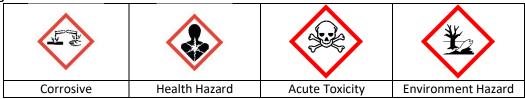
Specific target organ toxicity (single exposure) Category 1

Specific target organ toxicity (repeated exposure) Category 1

Aquatic environment (acute hazard) Category 1

Aquatic environment (long-term hazard) Category 1

**Pictograms** 



# **Hazard statements**

- H314 Causes severe skin burns and eye damage
- H318 Causes serious eye damage
- H300 Fatal if swallowed H310 Fatal in contact with skin
- H400 Very toxic to aquatic life
- H410 Very toxic to aquatic life with long lasting effects
- H370 Causes damage to the following organs: cardiovascular system, central nervous system, lung, systemic toxicity
- H372 Causes damage to the following organs through prolonged or repeated exposure cardiovascular system, central nervous system, liver

# Precautionary statements - (Prevention)

- Do not breathe dust/fume/gas/mist/vapors/spray
- Wash face, hands and any exposed skin thoroughly after handling
- Wear protective gloves/protective clothing/eye protection/face protection
- Do not eat, drink or smoke when using this product
- Avoid release to the environment

## Precautionary statements - (Response)

- 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

■ IF ON SKIN (or hair): Remove/Take off immediately all contaminated clothing. Rinse skin with wash contaminated clothing before reuse.

- IF INHALED: Remove victim to fresh air and keep at rest in a position comfortable for breathing.
- IF SWALLO WED: Rinse mouth. DO NOT induce vomiting.

## Precautionary statements - (Storage)

Store locked up.

## Precautionary statements - (Disposal)

Dispose of contents/container to an approved waste disposal plant.

# 3. COMPOSITION/INFORMATION ON INGREDIENTS

Pure substance or Mixture:

Ingestion

Mixture

Tris (CAS: 77-86-1) buffer pH 9.1
 Sodium Chloride (CAS: 7647-14-5)
 NaN<sub>3</sub> (CAS: 22628-22-8)
 pH
 25 mmol/L
 1.25 mol/L
 0.09 %w/w
 8.20

#### 4. FIRST AID MEASURES

Inhalation Remove to fresh air. If symptoms persist, call a physician.
 Skin contact Wash off immediately with soap and plenty of water. If symptoms persist, call a physician.
 Eye contact IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Immediate medical attention is required.

Rinse mouth. Never give anything by mouth to an unconscious person. Call a physician or poison control center immediately. Do not induce vomiting without medical advice.

#### 5. FIRE FIGHTING MEASURES

Extinguishing Media There is no fear of ignition and combustion.

Extinguishing Media Not to be Uesd No information

Special Firefighting Method No information

Specific Hazards No information

Protection of Firefighters Firefighting is done from the windward, avoid steam, the inhalation of smoke. Wear personal protective equiment.

#### 6. ACCIDENTAL RELEASE MEASURES

Precautions for Human health, Protective Equiment and Emmergency Measures

During work, wear protective equiment.

Environmental Precautions Leakage has been the product is discharged into river and

the like, be careful not to cause damage to the

environment.

Recovery/Neutralization The leaked liquid is recovered as much as possible, and

the rest will be incinerated by absorbing cloth, in rag and the like. Not be recoverable liquid, wash away thoroughly

diluted with plenty of water.

# 7. PRECAUTION IN HANDLING AND STORAGE

Handling

Technical Measures Wear protective equiment to avoid contact with eyes, skin and

clothing.

Precautions Avoid accidentally swallowing. Wash thoroughly your hands and face

after handling. Tumble the container, do not handle it roughly, such

as dropping it or applying an impact.

Precautions for safe handling Do not eat or drink when using. Avoid contact with skin, eyes and

nose. Wash thoroughly your hands and face after handling.

Storage

Storage conditions Avoiding storing in direct sunlight and fire condition.

## 8. EXPOSURE CONTROLS AND PROTECTION MEASURES

Facility measure Not set

Control concentration Not set

Exposure Equiment Not set

Equiment measures Install a hand-washing facility nearby and clearly

display its location.

Protective Equiment

Respiratory Protection Protective Mask
Hand Protection Protective Glove
Eyes Protection Protective Goggles

Skin and Body Protection Protective Boots, Protective Clothing, Rubber

Apron as need

## 9. PHYSICAL AND CHEMICAL PROPERTY

Physical state Liquid

Color Colorless clear liquid

Smell Odorless
Melting point/freezing point No data
Boiling point or initial boiling point and boiling No data

point range

Flammable
Lower explosive limit/upper explosive limit
Flash point
Nonflammable
Spontaneous ignition point
Not applicable
Decomposition temperature
Not applicable

pH 8.20
Kinematic viscosity No data
Evaporation rate No data

Solubility Water/Miscible Vapour pressure No data

Density or ralative density

1.047 g/cm<sup>3</sup>

Relative gas density

No data

Particle characteristics Not applicable

#### 10. STABILITY AND REACTIVITY

Chemical stability Stable in normal handling

Reactivity Non-reactive under normal handling

Possibility of dangerous adverse reactions

Dangerous polymerization No dangerous polymerization reaction occurs

Condition to avoid Freeze, heat and sunlight

Dangerous subtances to touch Nothing in particular

Hazardous decomposition product Strong oxidizers, acids, bases, heavy metals

#### 11. TOXICOLOGICAL INFORMATION

There is no data as product (the following information is reported with contained ingredients)

Acute Toxicity (larva) No data

Skin Corrosion and Irritation Same as above

Severe Eye Damage and Eye Irritation Same as above

Specific target organ toxicity Same as above

(single exposure)

#### 12. ENVIRONMENT HAZARDS

No data as product

## 13. DISPOSAL CONSIDERRATIONS

Residual Wastes When discharging, dilute with a large amount of water and

discharge

Container and Package Container should be cleaned and recycled, or property

disposed of in accordance with revelant regulations and local

government standards.

When disposing of empty containers, completely remove

residues retained in the containers.

## 14. TRANSPORT CONSIDERATIONS

International rules None Domestic rules None

Specific safety measures and Avoid direct sunlight and transport at  $2 - 8^{\circ}$ C. Avoid falling, conditions for transportation dropping, and sideways to prevent collapse of the load.

# 15. APPLICABLE LAWS AND REGULATIONS

Poisonous and Detelerious Substitution Control Law N/A

Occupational Safety and Health Act N/A

Act on Promotion of Control of Chemical Substance Emissions Management N/A

Other hydro pollution control method N/A

Pharmaceutical Affairs Law In Vitro Diagnosis

# **16. OTHER INFORMATION**

The information above is believed to be accurate and represents the best information currently available to us. However, we make no warranty of merchantability or any other warranty, express or implied, with respect to such information, and we assume no liability resulting from its use. Users should make their own investigations to determine the suitability of the information for their particular purposes. In no event shall the company be liable for any claims, losses, or damages of any third party or for lose profit or any special, indirect, incidental, consequential, or exemplary damages howsoever arising, even if the company has been advised of the possibility of such damages.

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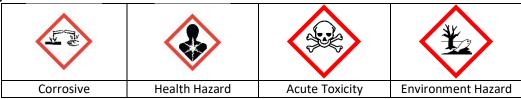
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Store locked up.

## Precautionary statements - (Disposal)

Dispose of contents/container to an approved waste disposal plant.

# 3. COMPOSITION/INFORMATION ON INGREDIENTS

Pure substance or Mixture:

Mixture

TAPS (CAS: 29915-38-6) buffer 10 mmol/L
Sucrose (CAS: 57-50-1) 1% w/w
NaN<sub>3</sub> (CAS: 22628-22-8) 0.09 %w/w
210nm Latex 0.04 %w/v
60nm 0.1 %w/v
pH 8.0

#### 4. FIRST AID MEASURES

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Skin contact Wash off immediately with soap and plenty of water. If symptoms persist, call a

physician.

Eye contact IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if

present and easy to do. Continue rinsing. Immediate medical attention is required.

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**Storage** 

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**Protective Equiment** 

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Apron as need

## 9. PHYSICAL AND CHEMICAL PROPERTY

Physical state Liquid
Color Colorless
Smell Odorless
Melting point/freezing point No data
Boiling point or initial boiling point and boiling No data

point range

Flammable
Lower explosive limit/upper explosive limit
Flash point
Spontaneous ignition point
Decomposition temperature
Nonflammable
Not applicable

pH 8.0
Kinematic viscosity No data
Evaporation rate No data

Solubility Water/Miscible

Vapour pressureNo dataDensity or ralative density1.001Relative gas densityNo data

Particle characteristics Not applicable

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