

SAFETY DATA SHEET

METANEPHRINES - REAGENT 1

1. PRODUCT AND COMPANY IDENTIFICATIONS

Product name: METANEPHRINES - Reagent 1

Ref: 3638

Intended use: reagent for in vitro diagnostic use.

Manufacturer: FAR S.r.l., via Fermi 12, Pescantina (VERONA) - ITALY

Emergency phone number: +39 045 6700870

2. COMPOSITION / INFORMATION ON INGREDIENTS

Dangerous substances according to criteria defined in directive 67/548/CEE and related updates : **the product doesn't contain any dangerous substance in considerable concentrations. The toxicological properties of this material have not been investigated. NOT DANGEROUS**

CAS: -

CEE: -

MF: -

3. HAZARDS INFORMATION

In accordance to European Directives 1999/45/CE, 2001/58/CE and 2001/59/CE, the product doesn't contain any dangerous substance in such concentrations to cause any risk or hazard to individuals and/or the environment. Follow normal precautions for chemical substances use.

4. FIRST AID MEASURES

Contact with skin: wash with water.

Contact with eyes: wash with water.

Ingestion: seek medical device.

Inhalation: move the patient from the contaminated area, let him rest in a well aired room.

5. FIRE FIGHTING MEASURES

Extinguishing media recommended: no restriction.

Extinguishing media forbidden: none.

Combustion risk: hazardous combustion gases do not break out in dangerous quantity.

Protection equipment: wear self-contained breathing apparatus and proper protective equipments.

6. ACCIDENTAL RELEASE MEASURES

Personal precautions: avoid substance contact.

Environment precautions: disposal with an authorized incinerator.

7. HANDLING AND STORAGE

Handling: no particular requirement.

Storage: 2-8°C.

8. EXPOSURE CONTROL / PERSONAL PROTECTION

Handling precautions: avoid ingestion, inhalation and contact.

Storage conditions: store the product at 2-8°C.

Breathing protection: not required.

Hands protection: rubber gloves.

Eyes protection: not required.

Exposure limits of contained substances: not available.

9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance (form): powder.

Color: white.

Smell: -.

Ignition point: -.

Solubility: soluble in water.

10. STABILITY AND REACTIVITY

Conditions to avoid: none.

Substances to avoid: not available.

Decomposition hazards: -.

11. TOXICOLOGICAL INFORMATION

Penetration ways: ingestion, inhalation.

Acute toxicity: not available.

Chronic toxicity: not available.

12. ECOLOGICAL INFORMATION

Evaluation on eventual environmental effect: not dangerous.

Further environmental data: see above.

13. DISPOSAL CONSIDERATIONS

Disposal method: by an authorized incinerator.

Disposal of contaminated container: by an authorized incinerator.

14. TRANSPORT INFORMATION

Not subjected to transport regulations for hazardous substances.

15. REGULATORY INFORMATION

Not required according to Directive 67/548/CE.

16. OTHER INFORMATION

The product is intended for in vitro use only. The information herein contained are correct, but can not be considered exhaustive and have to be followed as purely indicative. FAR must not be considered responsible for any danger caused from the use or contact of the above product.

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SAFETY DATA SHEET

METANEPHRINES - REAGENT 2

1. PRODUCT AND COMPANY IDENTIFICATIONS

Product name: METANEPHRINES - Reagent 2

Ref: 3638

Intended use: reagent for in vitro diagnostic use.

Manufacturer: FAR S.r.l., via Fermi 12, Pescantina (VERONA) - ITALY

Emergency phone number: +39 045 6700870

2. COMPOSITION / INFORMATION ON INGREDIENTS

Dangerous substances according to the criteria defined in the directive 67/548/CEE and related updates : **SODIUM HYDRATE 4% (p/p)**

CAS: 1310-73-2

CEE: 215-185-5

MF: NaOH

3. HAZARDS INFORMATION

Precautions written in the instruction sheet:

Corrosive. It strongly reacts with halogenated hydrocarbons.

4. FIRST AID MEASURES

Contact with skin: take contaminated clothes off and wash the affected skin area with water for at least 15 minutes. Seek medical device.

Contact with eyes: wash immediately with water for at least 15 minutes. Seek ophthalmologic device.

Ingestion: the patient should drink plenty of water to dilute gastric contents. Seek medical device.

Inhalation: move the patient away from the contaminated area, keep at rest in a well airy place. Seek immediate medical device.

5. FIRE FIGHTING MEASURES

Extinguishing media recommended: the product is not combustible. Use extinguishing media compatible with substances near by.

Extinguishing media forbidden: none.

Combustion risk: the product is not combustible.

Protection equipment: wear self-contained breathing apparatus and proper protective equipments.

6. ACCIDENTAL RELEASE MEASURES

Personal precautions: wear proper protective equipment: self-contained breathing apparatus, rubber gloves and boots.

Environment precautions: disposal with an authorized incinerator.

Cleaning procedure: contain and absorb the spilled liquid with some sand or other inert absorbent material. Store in a proper container.

7. HANDLING AND STORAGE

See section 8.

8. EXPOSURE CONTROL / PERSONAL PROTECTION

Handling precautions: avoid ingestion, contact and inhalation.

Storage conditions: store the product in a sealed container, away from acids. It absorbs carbon dioxide in the air and transforms into sodium carbonate.

Room conditions: rooms must be well airy and fresh.

Precautions: mask and safety protective eye-glasses.

Breathing protection: homologated respirator.

Hands protection: rubber gloves.

Eyes protection: safety eye-glasses.

Skin protection: visor, overall and boots.

Exposure limits of contained substances: 2 mg/ m3.

9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance (form): solid.

Color: colorless.

Smell: odorless.

Ignition point: not flammable.

Solubility: soluble in water, soluble in alcohol.

10. STABILITY AND REACTIVITY

Conditions to avoid: -.

Substances to avoid: it etches some metal like Zn, Al, Sn, Pb, light metal alloys with hydrogen release. It strongly reacts with halogenated hydrocarbons.

Decomposition hazards: -.

11. TOXICOLOGICAL INFORMATION

Penetration ways: ingestion, inhalation and contact.

Acute toxicity: oral DL50: 500 mg/Kg (rabbit).

For ingestion: injuries to the digestive system. The injury seriousness depends on the solution concentrations, the contact time and temperature.

Chronic toxicity: chronic irritation of respiratory tract caused by prolonged fog inhalations.

Corrosiveness / Irritability for eyes: injuries and severe burns.

Corrosiveness / Irritability for skin: injuries and severe burns.

Sensitiveness: not available considerations.

Cancerogenesis: not available considerations.

Mutagenesis: not available mutagenic considerations on laboratory assays.

Teratogenesis: not available considerations.

12. ECOLOGICAL INFORMATION

Evaluation on eventual environmental effect: not available.

Further environmental data: see above.

13. DISPOSAL CONSIDERATIONS

Disposal method: by an authorized incinerator.

Disposal of contaminated container: by an authorized incinerator.

14. TRANSPORT INFORMATION

Not subjected to transport regulations for hazardous substances.

15. REGULATORY INFORMATION

Classification and label in accordance with European regulations.

Danger symbol: C

Corrosive.

Sentences R: 34

It causes burns.

Sentences S: 23-26

Store away from children. In case of contact with eyes, wash immediately with plenty of water and seek medical device. Wear proper gloves and protect the face and eyes.

16. OTHER INFORMATION

The product is intended for in vitro diagnostic use only. The information herein contained are correct, but can not be considered exhaustive and have to be followed as purely indicative. FAR must not be considered responsible for any danger caused from the use or contact of the above product.

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SAFETY DATA SHEET

METANEPHRINES - REAGENT 3

1. PRODUCT AND COMPANY IDENTIFICATIONS

Product name: METANEPHRINES - Reagent 3

Ref: 3638

Intended use: reagent for in vitro diagnostic use.

Manufacturer: FAR S.r.l., via Fermi 12, Pescantina (VERONA) - ITALY

Emergency phone number: +39 045 6700870

2. COMPOSITION / INFORMATION ON INGREDIENTS

Dangerous substances according to criteria defined in directive 67/548/CEE and related updates : **the product doesn't contain any dangerous substance in considerable concentrations. The toxicological properties of this material have not been investigated. NOT DANGEROUS**

CAS: -

CEE: -

MF: -

3. HAZARDS INFORMATION

In accordance to European Directives 1999/45/CE, 2001/58/CE and 2001/59/CE, the product doesn't contain any dangerous substance in such concentrations to cause any risk or hazard to individuals and/or the environment. Follow normal precautions for chemical substances use.

4. FIRST AID MEASURES

Contact with skin: wash with water.

Contact with eyes: wash with water.

Ingestion: seek medical device.

Inhalation: move the patient from the contaminated area, let him rest in a well aired room.

5. FIRE FIGHTING MEASURES

Extinguishing media recommended: no restriction.

Extinguishing media forbidden: none.

Combustion risk: hazardous combustion gases do not break out in dangerous quantity.

Protection equipment: not applicable.

6. ACCIDENTAL RELEASE MEASURES

Personal precautions: avoid substance contact.

Environment precautions: disposal with an authorized incinerator.

7. HANDLING AND STORAGE

Handling: no particular requirement.

Storage: 2-8°C.

8. EXPOSURE CONTROL / PERSONAL PROTECTION

Handling precautions: avoid ingestion, inhalation and contact.

Storage conditions: store the product at 2-8°C.

Breathing protection: not required.

Hands protection: rubber gloves.

Eyes protection: not required.

Exposure limits of contained substances: not available.

9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance (form): liquid.

Color: colorless.

Smell: odorless.

Ignition point: not applicable.

10. STABILITY AND REACTIVITY

Conditions to avoid: none.

Substances to avoid: not available.

Decomposition hazards: -.

11. TOXICOLOGICAL INFORMATION

Penetration ways: ingestion, inhalation.

Acute toxicity: not available.

Chronic toxicity: not available.

12. ECOLOGICAL INFORMATION

Evaluation on eventual environmental effect: not dangerous.

Further environmental data: see above.

13. DISPOSAL CONSIDERATIONS

Disposal method: by an authorized incinerator.

Disposal of contaminated container: by an authorized incinerator.

14. TRANSPORT INFORMATION

Not subjected to transport regulations for hazardous substances.

15. REGULATORY INFORMATION

Not required according to Directive 67/548/CE.

16. OTHER INFORMATION

The product is intended for in vitro use only. The information herein contained are correct, but can not be considered exhaustive and have to be followed as purely indicative. FAR must not be considered responsible for any danger caused from the use or contact of the above product.

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SAFETY DATA SHEET

METANEPHRINES - REAGENT 4

1. PRODUCT AND COMPANY IDENTIFICATIONS

Product name: METANEPHRINES - Reagent 4

Ref: 3638

Intended use: reagent for in vitro diagnostic use.

Manufacturer: FAR S.r.l., via Fermi 12, Pescantina (VERONA) - ITALY

Emergency phone number: +39 045 6700870

2. COMPOSITION / INFORMATION ON INGREDIENTS

Dangerous substances according to criteria defined in directive 67/548/CEE and related updates : **the product doesn't contain any dangerous substance in considerable concentrations. The toxicological properties of this material have not been investigated. NOT DANGEROUS**

CAS: -

CEE: -

MF: -

3. HAZARDS INFORMATION

In accordance to European Directives 1999/45/CE, 2001/58/CE and 2001/59/CE, the product doesn't contain any dangerous substance in such concentrations to cause any risk or hazard to individuals and/or the environment. Follow normal precautions for chemical substances use.

4. FIRST AID MEASURES

Contact with skin: wash with water.

Contact with eyes: wash with water.

Ingestion: seek medical device.

Inhalation: move the patient from the contaminated area, let him rest in a well aired room.

5. FIRE FIGHTING MEASURES

Extinguishing media recommended: no restriction.

Extinguishing media forbidden: none.

Combustion risk: hazardous combustion gases do not break out in dangerous quantity.

Protection equipment: not applicable.

6. ACCIDENTAL RELEASE MEASURES

Personal precautions: avoid substance contact.

Environment precautions: disposal with an authorized incinerator.

7. HANDLING AND STORAGE

Handling: no particular requirement.

Storage: 2-8°C.

8. EXPOSURE CONTROL / PERSONAL PROTECTION

Handling precautions: avoid ingestion, inhalation and contact.

Storage conditions: store the product at 2-8°C.

Breathing protection: not required.

Hands protection: rubber gloves.

Eyes protection: not required.

Exposure limits of contained substances: not available.

9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance (form): liquid.

Color: colorless.

Smell: odorless.

Ignition point: not applicable.

10. STABILITY AND REACTIVITY

Conditions to avoid: none.

Substances to avoid: not available.

Decomposition hazards: -.

11. TOXICOLOGICAL INFORMATION

Penetration ways: ingestion, inhalation.

Acute toxicity: not available.

Chronic toxicity: not available.

12. ECOLOGICAL INFORMATION

Evaluation on eventual environmental effect: not dangerous.

Further environmental data: see above.

13. DISPOSAL CONSIDERATIONS

Disposal method: by an authorized incinerator.

Disposal of contaminated container: by an authorized incinerator.

14. TRANSPORT INFORMATION

Not subjected to transport regulations for hazardous substances.

15. REGULATORY INFORMATION

Not required according to Directive 67/548/CE.

16. OTHER INFORMATION

The product is intended for in vitro use only. The information herein contained are correct, but can not be considered exhaustive and have to be followed as purely indicative. FAR must not be considered responsible for any danger caused from the use or contact of the above product.

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SAFETY DATA SHEET

METANEPHRINES - REAGENT 5

1. PRODUCT AND COMPANY IDENTIFICATIONS

Product name: METANEPHRINES - Reagent 5

Ref: 3638

Intended use: reagent for in vitro diagnostic use.

Manufacturer: FAR S.r.l., via Fermi 12, Pescantina (VERONA) - ITALY

Emergency phone number: +39 045 6700870

2. COMPOSITION / INFORMATION ON INGREDIENTS

Dangerous substances according to the criteria defined in the directive 67/548/CEE and related updates : **AMMONIUM HYDRATE 10% (p/p)**

CAS: 1336-21-6

CEE: -

MF: NH₄OH

3. HAZARDS INFORMATION

Precautions written in the instruction sheet:

Corrosive.

4. FIRST AID MEASURES

Contact with skin: take contaminated clothes off and wash the affected skin area with water for at least 15 minutes. Seek medical device.

Contact with eyes: wash immediately with plenty of water for at least 15 minutes. Seek ophthalmologic device.

Ingestion: if possible, induce vomit. Seek medical device.

Inhalation: move the patient away from the contaminated area, keep at rest in a well airy place. Seek medical device.

5. FIRE FIGHTING MEASURES

Extinguishing media recommended: spray water, foam extinguisher, powder extinguisher, carbon dioxide extinguisher.

Extinguishing media forbidden: none.

Combustion risk: vapours may cause explosive mixtures with the air.

Protection equipment: wear self-contained breathing apparatus and proper protective equipments.

6. ACCIDENTAL RELEASE MEASURES

Personal precautions: wear proper protective equipment: self-contained breathing apparatus, rubber gloves and boots, safety eye-glasses.

Environment precautions: disposal with an authorized incinerator.

Cleaning procedure: contain and absorb the spilled liquid with some sand or other inert absorbent material. Store in a proper container.

7. HANDLING AND STORAGE

See section 8.

8. EXPOSURE CONTROL / PERSONAL PROTECTION

Handling precautions: avoid ingestion, contact and inhalation.

Storage conditions: store the product in a sealed container, away from heat sources and free flames. The heat causes a pressure increase in the containers; in this case, cool the containers and open only with the face protected by a safety mask.

Room conditions: rooms must be well airy and fresh.

Precautions: mask and safety protective eye-glasses.

Breathing protection: homologated respirator.

Hands protection: rubber gloves.

Eyes protection: safety eye-glasses.

Skin protection: visor, overall and boots.

Exposure limits of contained substances: 25 ppm.

9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance (form): liquid.

Color: colorless.

Smell: pungent.

Ignition point: -.

Solubility: soluble in water.

10. STABILITY AND REACTIVITY

Conditions to avoid: -.

Substances to avoid: not compatible with acrolein, nitromethane, acrylic acid, chlorosulphonic acid, dimethylsulphate, halogens, HCl, HF, HNO₃, H₂SO₄, silver salts, propylene. Vapours may cause explosive mixtures with the air.

Decomposition hazards: -.

11. TOXICOLOGICAL INFORMATION

Penetration ways: ingestion, inhalation and contact.

Acute toxicity: oral DL50: 43 mg/Kg (man).

For inhalation of vapours and /or smokes it may cause: headache, excess of salivation, nausea, vomit, breathing problems, cough, bronchitis, expectoration of blood and lung edema.

Chronic toxicity: no experimental considerations of cumulating effect available, for prolonged or repeated exposure.

Corrosiveness / Irritability for eyes: severe irritation with corneal injury.

Corrosiveness / Irritability for skin: irritating with redness, pain and burns.

Sensitiveness: not available considerations.

Cancerogenesis: not available considerations.

Mutagenesis: not available considerations.

Teratogenesis: not available considerations.

12. ECOLOGICAL INFORMATION

Evaluation on eventual environmental effect: not available.

Further environmental data: see above.

13. DISPOSAL CONSIDERATIONS

Disposal method: by an authorized incinerator.

Disposal of contaminated container: by an authorized incinerator.

14. TRANSPORT INFORMATION

Not subjected to transport regulations for hazardous substances.

15. REGULATORY INFORMATION

Classification and label in accordance with European regulations.

Danger symbol: C

Corrosive.

Sentences R: 34-50

It causes burns. Highly toxic for aquatic organisms.

Sentences S: 23-36/37-39-45-61

Store away from children. In case of contact with eyes, wash immediately with plenty of water and seek medical device. Wear proper protective equipment and protective gloves. Protect face and eyes. In case of accident or ailment, seek immediate medical device (if possible, show him the label9). Do not disperse in the environment. Refer to special instructions / technical sheets about safety.

16. OTHER INFORMATION

The product is intended for in vitro diagnostic use only. The information herein contained are correct, but can not be considered exhaustive and have to be followed as purely indicative. FAR must not be considered responsible for any danger caused from the use or contact of the above product.

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SAFETY DATA SHEET

METANEPHRINES - REAGENT 6

1. PRODUCT AND COMPANY IDENTIFICATIONS

Product name: METANEPHRINES - Reagent 6

Ref: 3638

Intended use: reagent for in vitro diagnostic use.

Manufacturer: FAR S.r.l., via Fermi 12, Pescantina (VERONA) - ITALY

Emergency phone number: +39 045 6700870

2. COMPOSITION / INFORMATION ON INGREDIENTS

Dangerous substances according to the criteria defined in the directive 67/548/CEE and related updates : **SODIUM METAPERIODATED 2% (p/p)**

CAS: 7790-28-5

CEE: 2321976

MF: NaIO₄

3. HAZARDS INFORMATION

Precautions written in the instruction sheet:

Combustive. Harmful for inhalation or ingestion.

4. FIRST AID MEASURES

Contact with skin: take contaminated clothes off and wash the affected skin area with water for at least 15 minutes. Seek medical device.

Contact with eyes: wash immediately with plenty of water for at least 15 minutes. Seek ophthalmologic device.

Ingestion: seek medical device.

Inhalation: move the patient away from the contaminated area, keep at rest in a well airy place. Seek medical device.

5. FIRE FIGHTING MEASURES

Extinguishing media recommended: the substance is not combustible. Use extinguishing media proper for the materials near by.

Extinguishing media forbidden: none.

Combustion risk: the contact with other products may cause a fire. It releases toxic smokes.

Protection equipment: wear self-contained breathing apparatus and proper protective equipments.

6. ACCIDENTAL RELEASE MEASURES

Personal precautions: wear proper protective equipment: self-contained breathing apparatus, rubber gloves and boots, safety eye-glasses.

Environment precautions: disposal with an authorized incinerator.

Cleaning procedure: contain and absorb the spilled liquid with some sand or other inert absorbent material. Store in a proper container.

7. HANDLING AND STORAGE

See section 8.

8. EXPOSURE CONTROL / PERSONAL PROTECTION

Handling precautions: avoid ingestion, contact and inhalation. Use only under a cowl.

Storage conditions: store the product in a sealed container. Keep away from combustible material, heat sources, flames and sparks.

Room conditions: rooms must be well airy and fresh.

Precautions: mask and safety protective eye-glasses.

Breathing protection: homologated respirator.

Hands protection: rubber gloves.

Eyes protection: safety eye-glasses.

Skin protection: visor, overall and boots.

Exposure limits of contained substances: -.

9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance (form): solid.

Color: white.

Smell: -.

Ignition point: -.

Solubility: soluble in water.

10. STABILITY AND REACTIVITY

Conditions to avoid: sensitive to humidity.

Substances to avoid: not compatible with organic products. It forms explosive mixtures with reducing agents, finely powdered metals, magnesium. Combustion or decomposition dangerous products: hydriodic acid.

Decomposition hazards: it releases toxic smokes.

11. TOXICOLOGICAL INFORMATION

Penetration ways: ingestion, inhalation and contact.

Acute toxicity: oral DL50: 58 mg/Kg (rat).

Corrosiveness / Irritability for skin: irritating effect. It irritates mucous membranes and upper respiratory tract.

Chronic toxicity: prolonged administer of substances containing iodine may cause anorexia, anaemia and effects on nervous system.

Corrosiveness / Irritability for eyes: it causes irritation.

Sensitiveness: not available considerations.

Cancerogenesis: not available considerations.

Mutagenesis: not available mutagenic considerations on laboratory assays.

Teratogenesis: not available considerations.

12. ECOLOGICAL INFORMATION

Evaluation on eventual environmental effect: not available.

Further environmental data: see above.

13. DISPOSAL CONSIDERATIONS

Disposal method: by an authorized incinerator.

Disposal of contaminated container: by an authorized incinerator.

14. TRANSPORT INFORMATION

Not subjected to transport regulations for hazardous substances.

15. REGULATORY INFORMATION

Classification and label in accordance with European regulations.

Danger symbol: F

Flammable.

Sentences R: 8-36/37/38

It may cause the ignition of combustible materials. Irritant for eyes, respiratory tract and skin.

Sentences S: 17-26-36

Keep away from combustible substances. In case of contact with eyes, wash immediately with plenty of water and seek medical device. Wear proper protective equipment.

16. OTHER INFORMATION

The product is intended for in vitro diagnostic use only. The information herein contained are correct, but can not be considered exhaustive and have to be followed as purely indicative. FAR must not be considered responsible for any danger caused from the use or contact of the above product.

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SAFETY DATA SHEET

METANEPHRINES - REAGENT 7

1. PRODUCT AND COMPANY IDENTIFICATIONS

Product name: METANEPHRINES - Reagent 7

Ref: 3638

Intended use: reagent for in vitro diagnostic use.

Manufacturer: FAR S.r.l., via Fermi 12, Pescantina (VERONA) - ITALY

Emergency phone number: +39 045 6700870

2. COMPOSITION / INFORMATION ON INGREDIENTS

Dangerous substances according to the criteria defined in the directive 67/548/CEE and related updates : **SODIUM METABISULPHITE 9.5% (p/p)**

CAS: 7681-57-4

CEE: 2316730

MF: Na₂S₂O₅

3. HAZARDS INFORMATION

Precautions written in the instruction sheet:
Harmful.

4. FIRST AID MEASURES

Contact with skin: take contaminated clothes off and wash the affected skin area with water for at least 15 minutes. Seek medical device.

Contact with eyes: wash immediately with plenty of water for at least 15 minutes. Seek ophthalmologic device.

Ingestion: seek medical device.

Inhalation: move the patient away from the contaminated area, keep at rest in a well airy place. Seek medical device.

5. FIRE FIGHTING MEASURES

Extinguishing media recommended: the substance is not combustible. Use extinguishing media proper for the materials near by.

Extinguishing media forbidden: none.

Combustion risk: when heated, it decomposes and releases sulphurous anhydride toxic smokes.

Protection equipment: wear self-contained breathing apparatus and proper protective equipments.

6. ACCIDENTAL RELEASE MEASURES

Personal precautions: wear proper protective equipment: self-contained breathing apparatus, rubber gloves and boots, safety eye-glasses.

Environment precautions: disposal with an authorized incinerator.

Cleaning procedure: contain and absorb the spilled liquid with some sand or other inert absorbent material. Store in a proper container.

7. HANDLING AND STORAGE

See section 8.

8. EXPOSURE CONTROL / PERSONAL PROTECTION

Handling precautions: avoid ingestion, contact and inhalation. Use only under a cowl.

Storage conditions: store the product in a sealed container and avoid formation and accumulating of SO₂. In iron containers, in presence of humidity the metal is etched. Keep away from acids. The product is sensitive to humidity.

Room conditions: rooms must be well airy and fresh.

Precautions: mask and safety protective eye-glasses.

Breathing protection: homologated respirator.

Hands protection: rubber gloves.

Eyes protection: safety eye-glasses.

Skin protection: visor, overall and boots.

Exposure limits of contained substances: 5 mg/ m₃.

9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance (form): solid.

Color: -.

Smell: -.

Ignition point: -.

Solubility: soluble in water and in glycerol, little soluble in ethylic alcohol.

10. STABILITY AND REACTIVITY

Conditions to avoid: the product is sensitive to humidity.

Substances to avoid: not compatible with strong acids. In mixture with sodium nitrite, it origins an exothermic energetic reaction.

Decomposition hazards: when heated, it decomposes and releases sulphurous anhydride toxic smokes.

11. TOXICOLOGICAL INFORMATION

Penetration ways: ingestion, inhalation.

Acute toxicity: oral DL50: 192 mg/Kg (rabbit).

The ingestion causes abdominal colic.

Chronic toxicity: -.

Corrosiveness / Irritability for eyes: it causes irritation.

Corrosiveness / Irritability for skin: irritating effect.

Sensitiveness: not available considerations.

Cancerogenesis: not available considerations.

Mutagenesis: not available mutagenic considerations on laboratory assays.

Teratogenesis: not available considerations.

12. ECOLOGICAL INFORMATION

Evaluation on eventual environmental effect: not available.

Further environmental data: see above.

13. DISPOSAL CONSIDERATIONS

Disposal method: by an authorized incinerator.

Disposal of contaminated container: by an authorized incinerator.

14. TRANSPORT INFORMATION

Not subjected to transport regulations for hazardous substances.

15. REGULATORY INFORMATION

Classification and label in accordance with European regulations.

Danger symbol: X

Harmful.

Sentences R: 22-31-41

Harmful for ingestion. In contact with acids, it liberates toxic gases. Risk of severe ocular injuries.

Sentences S: 26-39-46

In case of contact with eyes, wash immediately with plenty of water and seek medical device. Wear proper protective equipment. In case of ingestion, seek immediate medical device and show him the label.

16. OTHER INFORMATION

The product is intended for in vitro diagnostic use only. The information herein contained are correct, but can not be considered exhaustive and have to be followed as purely indicative. FAR must not be considered responsible for any danger caused from the use or contact of the above product.

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SAFETY DATA SHEET

METANEPHRINES CHROMATOGRAPHIC COLUMNS

1. PRODUCT AND COMPANY IDENTIFICATIONS

Product name: Metanephrines - Chromatographic columns

Ref: 3638

Intended use: reagent for in vitro diagnostic use.

Manufacturer: FAR S.r.l., via Fermi 12, Pescantina (VERONA) - ITALY

Emergency phone number: +39 045 6700870

2. COMPOSITION / INFORMATION ON INGREDIENTS

Dangerous substances according to criteria defined in directive 67/548/CEE and related updates : **the product doesn't contain any dangerous substance in considerable concentrations. The toxicological properties of this material have not been investigated. NOT DANGEROUS**

CAS: -

CEE: -

MF: -

3. HAZARDS INFORMATION

In accordance to European Directives 1999/45/CE, 2001/58/CE and 2001/59/CE, the product doesn't contain any dangerous substance in such concentrations to cause any risk or hazard to individuals and/or the environment. Follow normal precautions for chemical substances of human origin.

4. FIRST AID MEASURES

Contact with skin: wash with water.

Contact with eyes: wash with water.

Ingestion: seek medical device.

Inhalation: not applicable.

5. FIRE FIGHTING MEASURES

Extinguishing media recommended: no restriction.

Extinguishing media forbidden: none.

Combustion risk: hazardous combustion gases do not break out in dangerous quantity.

Protection equipment: wear self-contained breathing apparatus and proper protective equipments.

6. ACCIDENTAL RELEASE MEASURES

Personal precautions: avoid the substance contact.

Environment precautions: disposal with an authorized incinerator.

7. HANDLING AND STORAGE

Handling: no particular requirement.

Storage: 2-8°C.

8. EXPOSURE CONTROL / PERSONAL PROTECTION

Handling precautions: avoid ingestion, inhalation and contact.

Storage conditions: store the product at 2-8°C.

Breathing protection: not required.

Hands protection: not required.

Eyes protection: not required.

Exposure limits of contained substances: not available.

9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance (form): liquid.

Color: colorless.

Smell: odorless.

Ignition point: not applicable.

10. STABILITY AND REACTIVITY

Conditions to avoid: none.

Substances to avoid: not available.

Decomposition hazards: -.

11. TOXICOLOGICAL INFORMATION

Penetration ways: ingestion, inhalation.

Acute toxicity: not available data.

Chronic toxicity: not available data.

12. ECOLOGICAL INFORMATION

Evaluation on eventual environmental effect: not dangerous.

Further environmental data: see above.

12. ECOLOGICAL INFORMATION

Evaluation on eventual environmental effect: not dangerous.

Further environmental data: see above.

13. DISPOSAL CONSIDERATIONS

Disposal method: by an authorized incinerator.

Disposal of contaminated container: by an authorized incinerator.

14. TRANSPORT INFORMATION

Not subjected to transport regulations for hazardous substances.

15. REGULATORY INFORMATION

Not required according to Directive 67/548/CE.

16. OTHER INFORMATION

The product is intended for in vitro use only. The information herein contained are correct, but can not be considered exhaustive and have to be followed as purely indicative. FAR must not be considered responsible for any danger caused from the use or contact of the above product.

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Manufactured by: **FAR** srl

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