

SAFETY DATA SHEET

5-HIAA - REAGENT 1

1. PRODUCT AND COMPANY IDENTIFICATIONS

Product name: 5-HIAA - Reagent 1

Ref: 3636

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 : **NOT DANGEROUS.**

(CHLORIDRIC ACID present in a concentration < 1% (p/p))

CAS: 7647-01-0

CEE: 2315957

MF: HCl

3. HAZARDS INFORMATION

Precautions written in the instruction sheet :

In case of contact with eyes, wash immediately with plenty of water.

4. FIRST AID MEASURES

Contact with skin: take contaminated clothes off and wash the affected skin area with water. If irritation persists, seek medical device.

Contact with eyes: wash immediately with plenty of water. Seek ophthalmologic device.

Ingestion: the patient should drink water to dilute gastric contents. Do not 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: water.

Extinguishing media forbidden: none.

Combustion risk: it may violently react with combustible substances.

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 the leaked product by proper tools. Add an equal volume of sodium carbonate and pour with plenty of water in proper containers. Then send it all for disposal.

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 sealed containers, away from heat sources.

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): liquid.

Color: colorless.

Smell: odorless.

Ignition point: not inflammable.

Solubility: soluble in water and in main organic solvents.

10. STABILITY AND REACTIVITY

Conditions to avoid: HCl contact, either gas and liquid, with some alkaline metals or active metals, it may release enough heating to cause fires in combustible material near by.

Substances to avoid: it reacts with some metals, releasing hydrogen. Hydrochloric acid etches some kinds of plastic, rubber and coatings.

Decomposition hazards: -.

11. TOXICOLOGICAL INFORMATION

Penetration ways: ingestion, inhalation, contact.

Acute toxicity:

oral DL50 : 900 mg/Kg (rabbit).

For inhalation: back stern pain, cough, dispnea, pneumonia, lung edema. For ingestion: oral tract pain, hematic vomit, metabolic acidosis, intestinal perforation.

Chronic toxicity: prolonged and repeated exposures may cause tooth enamel erosion.

Corrosiveness / Irritability for eyes: strong caustic: in case of contact with eyes, strong irritations, conjunctivitis and corneal necrosis occur. In severe cases, irreversible lesions with sight loss.

Corrosiveness / Irritability for skin: strong caustic: lesions of variable seriousness depending on contact time. Concentrated solutions cause severe burns, diluted solutions and vapours may cause dermatitis.

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

Road and train transportation: contact FAR for information.

Sea transportation: contact FAR for information.

Air transportation: contact FAR for information.

15. REGULATORY INFORMATION

Classification and label in accordance with European regulations.

Danger symbol: -.

Not dangerous

Sentences R: -.

Sentences S: 24/25

Avoid eyes and skin contact.

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

5-HIAA - REAGENT 2

1. PRODUCT AND COMPANY IDENTIFICATIONS

Product name: 5-HIAA - Reagent 2

Ref: 3636

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 contact with the substance.

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 data.

Chronic toxicity: not available data.

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 subject 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

5-HIAA - REAGENT 3

1. PRODUCT AND COMPANY IDENTIFICATIONS

Product name: 5-HIAA - Reagent 3

Ref: 3636

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 : **SULPHURIC 19% (p/p)**

CAS: 7664-93-9

CEE: 016-020-00-8

MF: H₂SO₄

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. If irritation persists, seek medical device.

Contact with eyes: wash immediately with plenty of water and then with solution diluted in sodium bicarbonate. Seek ophthalmologic device.

Ingestion: the patient should drink 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 medical device.

5. FIRE FIGHTING MEASURES

Extinguishing media recommended: carbon dioxide extinguisher.

Extinguishing media forbidden: water.

Combustion risk: it may violently react with combustive substances.

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 the leaked product with sand or other inert adsorbent 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 sealed containers at 2-8°C.

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): liquid.

Color: colorless.

Smell: odorless.

Ignition point: not inflammable.

Solubility: soluble in water, not soluble in main organic solvents.

10. STABILITY AND REACTIVITY

Conditions to avoid: -.

Substances to avoid: with reducing substances for heating generation. With nitrates, picrates, carbides, chlorates, potassium permanganate, powder metals it may cause fire and explosion.

Decomposition hazards: -.

11. TOXICOLOGICAL INFORMATION

Penetration ways: ingestion, inhalation, contact.

Acute toxicity:

oral DL50 : 2140 mg/Kg (rat).

For inhalation: respiratory tract lesions, cough, dispnea, rarely lung edema. For ingestion: oral tract pain, hematic vomit, metabolic acidosis, intestinal perforation.

Chronic toxicity: -.

Corrosiveness / Irritability for eyes: lesions and severe burns.

Corrosiveness / Irritability for skin: lesions 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

Road and train transportation: contact FAR for information.

Sea transportation: contact FAR for information.

Air transportation: contact FAR for information.

15. REGULATORY INFORMATION

Classification and label in accordance with European regulations.

Danger symbol: C.

Corrosive.

Sentences R: 34

It causes burns.

Sentences S: 26-30

In case of contact with the eyes, wash immediately with plenty of water and seek medical device.

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

5-HIAA - REAGENT 4

1. PRODUCT AND COMPANY IDENTIFICATIONS

Product name: 5-HIAA - Reagent 4

Ref: 3636

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 : **1-NITROUS-2-NAPHTHOL 0.1% (p/p), ETHYLIC ALCOHOL 95% (p/p)**

CAS: 131-91-9

CEE: 205-043-0

MF: C₁₀H₇NO₂

3. HAZARDS INFORMATION

Precautions written in the instruction sheet : Harmful. Harmful for inhalation, ingestion and skin contact. Irritant for eyes, respiratory tract and skin. Eventual risk of irreversible effects. Possible cancerogenic. In case of contact with eyes, wash immediately with plenty of water and seek medical device. Wear proper protective equipment.

4. FIRST AID MEASURES

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

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

Ingestion: if the patient is conscious, flush the mouth with water. 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: water, foam extinguisher, powder extinguisher, carbon dioxide extinguisher.

Extinguishing media forbidden: -.

Combustion risk: none.

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: clean and collect in a bag, store until disposal. Avoid to raise powders. Air the room and wash the contaminate area after complete collection of the leaked product.

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 sealed containers, in fresh and dry rooms.

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): liquid.

Color: yellow.

Smell: -.

Ignition point: not available.

Solubility: -.

10. STABILITY AND REACTIVITY

Conditions to avoid: -.

Substances to avoid: strongly oxidizing agents, strong bases.

Decomposition hazards: it releases toxic smokes of CO, CO₂ and NO_x.

11. TOXICOLOGICAL INFORMATION

Penetration ways: ingestion, inhalation, contact.

Acute toxicity:

oral DL50 : 400 mg/Kg (rat).

It causes acute irritation. The product irritates mucous membranes and upper respiratory tract.

Chronic toxicity: possible cancerogenic.

Corrosiveness / Irritability for eyes: irritant effect.

Corrosiveness / Irritability for skin: irritant for skin, mucous membranes and respiratory tract.

Sensitiveness: -.

Cancerogenesis: possible cancerogenic.

Mutagenesis: -.

Teratogenesis: -.

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

Road and train transportation: contact FAR for information.

Sea transportation: contact FAR for information.

Air transportation: contact FAR for information.

15. REGULATORY INFORMATION

Classification and label in accordance with European regulations.

Danger symbol: X.

Harmful.

Sentences R: 11-20/21/22-36/37/38-40

Easily flammable. Harmful for inhalation, ingestion and skin contact. Irritant for eyes, respiratory system and skin. Possible risk of irreversible effects.

Sentences S: 7-16-26-36-22

Store in a sealed container. Store away from flames and sparks. Do not smoke. In case of contact with eyes, wash immediately with plenty of water and seek medical device. Wear proper protective equipment. Do not inhale powders.

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

5-HIAA - REAGENT 5

1. PRODUCT AND COMPANY IDENTIFICATIONS

Product name: 5-HIAA - Reagent 5

Ref: 3636

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 : **SODIUM NITRITE 4.9% (p/p)**

CAS: 7632-00-0

CEE: 2315559

MF: NaNO₂

3. HAZARDS INFORMATION

Precautions written in the instruction sheet :
Toxic.

4. FIRST AID MEASURES

Contact with skin: take contaminated clothes off and wash the affected skin area. If irritation persists, seek medical device.

Contact with eyes: wash immediately with plenty of water. Seek medical device.

Ingestion: if the patient is conscious, flush the mouth with water; then administer plenty of water and 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: water when the fire has just began. Other extinguishing media are: foam extinguisher, powder extinguisher, carbon dioxide extinguisher.

Extinguishing media forbidden: -.

Combustion risk: heated by decomposition, it releases toxic smokes of nitrogen oxides and NA₂O.

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 the leaked product by proper tools. Add an equal volume of sodium carbonate and pour with plenty of water in proper containers. Then send it all for disposal.

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 sealed containers, away from heat and ignition sources, protect from humidity.

Room conditions: rooms must have combustive-proof basements.

Precautions: mask and safety protective eye-glasses.

Breathing protection: homologated respirator. Use only under cowl.

Hands protection: rubber gloves.

Eyes protection: safety eye-glasses. Provide bottles of pure water for ocular washing.

Skin protection: visor, overall and boots.

Exposure limits of contained substances: not available.

9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance (form): liquid.

Color: colorless, lightly yellowish.

Smell: odorless.

Ignition point: not inflammable.

Solubility: soluble in water.

10. STABILITY AND REACTIVITY

Conditions to avoid: the product cannot stand frictions. Highly oxidizing in contact with organic substances.

Substances to avoid: ammonium salts, cyanides.

Decomposition hazards: heated by decomposition, it releases toxic smokes of nitrogen oxides and NA₂O.

11. TOXICOLOGICAL INFORMATION

Penetration ways: ingestion, inhalation, contact.

Acute toxicity:

oral DL50 : 85 mg/Kg (rat).

oral LDLO: 71 mg/Kg (man).

Symptoms: cephalaea, face redness, dizziness, hypotension and syncope state. In severe cases, methemoglobinemia with gray-bluish cyanosis especially on hands and face. Those symptoms are preceded or accompanied by vomit, diarrhea, prostration, breathing problems, tachycardia and hypothermia.

Chronic toxicity: symptoms: hypotension, tachycardia, cephalaea, anorexia, loss of weight. A yellow coloration of teguments may occur and sometimes eye or skin irritation.

Corrosiveness / Irritability for eyes: irritant effect and pain.

Corrosiveness / Irritability for skin: for skin contact a bluish coloration of skin may occur.

Sensitiveness: not available considerations.

Carcinogenesis: 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

Road and train transportation: contact FAR for information.

Sea transportation: contact FAR for information.

Air transportation: contact FAR for information.

15. REGULATORY INFORMATION

Classification and label in accordance with European regulations.

Danger symbol: X.

Toxic.

Sentences R: 8-25.

It may cause the ignition of combustive material. Toxic for ingestion.

Sentences S: 44

In case of ailment seek medical device.

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.

Issue 01 - Sep 2006 RR



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SAFETY DATA SHEET

5-HIAA - REAGENT 6

1. PRODUCT AND COMPANY IDENTIFICATIONS

Product name: 5-HIAA - Reagent 6

Ref: 3636

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 : **1,2 DICHLOROETHANE 95% (p/p)**

CAS: 107-06-2

CEE: 203-458-1

MF: C₂H₄Cl₂

3. HAZARDS INFORMATION

Precautions written in the instruction sheet :

Inflammable. Toxic. It may cause cancer, hereditary genetic alterations. Toxic for inhalation, ingestion and skin contact. Irritant for eyes, respiratory tract and skin. Keep away from ignition sources. Do not smoke. Do not inhale vapours.

4. FIRST AID MEASURES

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

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

Ingestion: if the patient is conscious, flush the mouth with water. 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: water, foam extinguisher, powder extinguisher, carbon dioxide extinguisher.

Extinguishing media forbidden: water is an effective cooler, not as extinguisher.

Combustion risk: 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.

Environment precautions: disposal with an authorized incinerator.

Cleaning procedure: adsorb on sand or vermiculite and collect in sealed containers, until next disposal. Air the room and wash the contaminate area after complete collection of the leaked product.

7. HANDLING AND STORAGE

See section 8.

8. EXPOSURE CONTROL / PERSONAL PROTECTION

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

Storage conditions: keep hermetically sealed. Keep away from heat sources, sparks and fire. Store in a fresh and dry room.

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): liquid.

Color: colorless.

Smell: -.

Ignition point: 15°C.

Solubility: -.

10. STABILITY AND REACTIVITY

Conditions to avoid: avoid the contact with sparks and heat sources.

Substances to avoid: oxidizing agents, aluminium.

Decomposition hazards: it releases toxic smokes of CO, CO₂, HCl, phosphogen.

11. TOXICOLOGICAL INFORMATION

Penetration ways: ingestion, inhalation, contact.

Acute toxicity:

oral LDLO: 286 mg/Kg (man).

oral DL50 : 670 mg/Kg (rat).

Vapours and smokes irritate eyes, upper respiratory mucous membranes and tract. It causes skin irritation, it may cause SNC depression. It causes dermatitis. A prolonged exposure may cause: nausea, cephalaea, vomit, hepatic lesions, gastrointestinal problems and renal lesions.

Chronic toxicity: cancerogenic, it may cause genetic alterations.

Injured organs: liver, kidney.

Corrosiveness / Irritability for eyes: irritant effect.

Corrosiveness / Irritability for skin: irritant effect.

Sensitiveness: -.

Cancerogenesis: cancerogenic.

Mutagenesis: mutagenic.

Teratogenesis: -.

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

Road and train transportation: contact FAR for information.

Sea transportation: contact FAR for information.

Air transportation: contact FAR for information.

15. REGULATORY INFORMATION

Classification and label in accordance with European regulations.

Danger symbol: X.

Toxic.

Sentences R: 11-22-36/37/38-45

Easily flammable. Toxic. Highly inflammable. Harmful for ingestion. Irritant for eyes, respiratory system and skin. It may cause cancer.

Sentences S: 45-53

In case of accident or ailment, immediately seek medical device. Avoid exposures. Ask for special instructions before use.

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.

Issue 01 - Sep 2006 RR



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SAFETY DATA SHEET

5-HIAA - STANDARD

1. PRODUCT AND COMPANY IDENTIFICATIONS

Product name: 5-HIAA - Standard

Ref: 3636

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 contact with the substance.

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 data.

Chronic toxicity: not available data.

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 subject 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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DATA SHEET

5-HIAA - CHROMATOGRAPHIC COLUMNS

1. PRODUCT AND COMPANY IDENTIFICATIONS

Product name: 5-HIAA - Chromatographic columns

Ref: 3636

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.

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: not required.

6. ACCIDENTAL RELEASE MEASURES

Personal precautions: avoid the contact with the substance.

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): solid + liquid.

Color: white / colorless.

Smell: odorless.

Ignition point: not applicable.

10. STABILITY AND REACTIVITY

Conditions to avoid: none.

Substances to avoid: not available.

Decomposition hazards: plastic parts may release harmful decomposition products and gases. In case of fire, use protection mask and filters.

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.

13. DISPOSAL CONSIDERATIONS

Disposal method: by an authorized incinerator.

Disposal of contaminated container: by an authorized incinerator.

14. TRANSPORT INFORMATION

Not subject 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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