

## SAFETY DATA SHEET

# CATECHOLAMINES - REAGENT 1

### 1. PRODUCT AND COMPANY IDENTIFICATIONS

**Product name:** CATECHOLAMINES - REAGENT 1

**Ref:** 3630

**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 : **ETHYLIC ALCOHOL 55% (p/p)**

**CAS:** 64-17-5

**CEE:** 2005786

**MF:** C<sub>2</sub>H<sub>5</sub>OH

### 3. HAZARDS INFORMATION

Precautions written in the instruction sheet:  
Inflammable.

### 4. FIRST AID MEASURES

**Contact with skin:** take contaminated clothes off and wash the affected skin area with water.

**Contact with eyes:** wash immediately with plenty of water.

**Ingestion:** apply gastric lavage and then saline purification. 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, powder extinguisher, alcohol-proof foam extinguisher, CO<sub>2</sub> extinguisher.

**Extinguishing media forbidden:** none.

**Combustion risk:** the product releases toxic smokes of CO and CO<sub>2</sub>.

**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:** collect the leaked liquid in sealed containers. Contain and adsorb the leaked liquid with soil, sand or other inert adsorbent materials. Keep away from ignition sources.

### 7. HANDLING AND STORAGE

See section 8.

### 8. EXPOSURE CONTROL / PERSONAL PROTECTION

**Handling precautions:** avoid ingestion, inhalation.

**Storage conditions:** store the product in sealed containers, away from heat sources.

**Room conditions:** rooms must be well airy and fresh.

**Precautions:** anti-solvent 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:** 1000 ppm.

### 9. PHYSICAL AND CHEMICAL PROPERTIES

**Appearance (form):** liquid.

**Color:** colorless.

**Smell:** typical.

**Ignition point:** 12°C.

**Fusion point:** -114.1°C.

**Boiling point:** 78.5°C.

**Solubility:** soluble in water and in organic solvents.

### 10. STABILITY AND REACTIVITY

**Conditions to avoid:** contact with heat sources.

**Substances to avoid:** it reacts with alkaline metals and release hydrogen, highly inflammable gas.

**Decomposition hazards:** thermal decomposition may release toxic smokes of CO<sub>2</sub> and CO.

### 11. TOXICOLOGICAL INFORMATION

**Penetration ways:** ingestion, inhalation.

**Acute toxicity:**

oral DL50: 7060 mg/Kg (rat).

In man for exposures to high vapour concentrations: light irritation to nose and eyes, heat sensation, loquacity, headache, sight problems, nausea, vomit, dizziness, sleepiness, soporific state.

**Chronic toxicity:** irritation to mucous membranes and upper respiratory tract, headache, nervousness, dizziness, tremors, tiredness, nausea, effects on concentration and care capacities, optical nerve alterations.

**Corrosiveness / Irritability for eyes:** for high vapour concentrations: conjunctival irritation.

**Corrosiveness / Irritability for skin:** for repeated contact: lightly considerable irritant effect.

**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:** F.

Inflammable.

**Sentences R:** 11

Lightly flammable.

**Sentences S:** 7-16

Store in a sealed container. Keep away from flames and sparks. Do not smoke.

### 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

# CATECHOLAMINES - REAGENT 2

### 1. PRODUCT AND COMPANY IDENTIFICATIONS

**Product name:** CATECHOLAMINES – REAGENT 2

**Ref:** 3630

**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

# CATECHOLAMINES - REAGENT 3

### 1. PRODUCT AND COMPANY IDENTIFICATIONS

**Product name:** CATECHOLAMNINES – REAGENT 3

**Ref:** 3630

**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

# CATECHOLAMINES - REAGENT 4

### 1. PRODUCT AND COMPANY IDENTIFICATIONS

**Product name:** CATECHOLAMINES – REAGENT 4

**Ref:** 3630

**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

# CATECHOLAMINES - REAGENT 5

### 1. PRODUCT AND COMPANY IDENTIFICATIONS

**Product name:** CATECHOLAMINES – REAGENT 5

**Ref:** 3630

**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

# CATECHOLAMINES - REAGENT 6

### 1. PRODUCT AND COMPANY IDENTIFICATIONS

**Product name:** CATECHOLAMINES – REAGENT 6

**Ref:** 3630

**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

# CATECHOLAMINES - REAGENT 7

### 1. PRODUCT AND COMPANY IDENTIFICATIONS

**Product name:** CATECHOLAMINES – REAGENT 7

**Ref:** 3630

**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

# CATECHOLAMINES REAGENT 8/A

### 1. PRODUCT AND COMPANY IDENTIFICATIONS

**Product name:** CATECHOLAMINES – REAGENT 8/A

**Ref:** 3630

**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):** powder.

**Color:** white.

**Smell:** odorless.

**Melting point:** 190-192 °C

### 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

# CATECHOLAMINES REAGENT 8/B

### 1. PRODUCT AND COMPANY IDENTIFICATIONS

**Product name:** CATECHOLAMINES – REAGENT 8/B

**Ref:** 3630

**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 20% (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

# CATECHOLAMINES - REAGENT 9 NORADRENALINE STANDARD

### 1. PRODUCT AND COMPANY IDENTIFICATIONS

**Product name:** CATECHOLAMINES – REAGENT 9: Noradrenaline Standard

**Ref:** 3630

**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

# CATECHOLAMINES-REAGENT 10 ADRENALINE STANDARD

### 1. PRODUCT AND COMPANY IDENTIFICATIONS

**Product name:** CATECHOLAMINES – REAGENT 10: Adrenaline Standard

**Ref:** 3630

**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

# CATECHOLAMINES CHROMATOGRAPHIC COLUMNS

### 1. PRODUCT AND COMPANY IDENTIFICATIONS

**Product name:** Catecholamines - Chromatographic columns  
**Ref:** 3630  
**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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