



C-SYSTEMS ET 40 component A

SECTION 1: Identification of the substance/mixture and of the company/undertaking

1.1 Product identifier

Commercial name : C-SYSTEMS ET 40 component A
UFI: UG20-M0ES-300D-UHDQ

1.2 Relevant identified uses of the substance or mixture and uses advised against Use of the substance/mixture

1.3. Details of the supplier of the safety data sheet

Business name: **CECCHI GUSTAVO & C. SRL.**

Address: **Via M. Coppino, 253**

Location and State: **55049 VIAREGGIO (LU) ITALY**

TEL. +39 0584 383694 FAX +39 0584 395182

e-mail of the competent person responsible for the safety data sheet: **info@cecchi.it**

Responsible for placing on the market: **CECCHI GUSTAVO & C. srl**

1.4. Emergency telephone number

For urgent information, contact: +39 0584 383694

office hours 8.30-12.30, 14.00-18.30 from Monday to Friday

SECTION 2: hazard identification

2.1 Classification of the substance or mixture

Classification (REGULATION (EC) N. 1272/2008) Skin

irritation, Category 2

H315: Causes skin irritation.

Eye irritation, Category 2

H319: Causes serious eye irritation.

Skin sensitization, Category 1

H317: May cause an allergic skin reaction.

Long-term (chronic) hazard to the aquatic environment, Category 2

H411: Toxic to aquatic life with long lasting effects.

2.2 Elements of the label

Labeling (REGULATION (EC) N. 1272/2008) Hazard pictograms :



Warning : Attention

Warning notices : H315 Causes skin irritation.
H317 May cause an allergic skin reaction.
H319 Causes serious eye irritation. Toxic to
H411 aquatic life with long lasting effects.

Cautionary advice : **Prevention:**
P261 Avoid breathing dust/fume/gas/mist/
vapours/spray.
P273 Do not disperse in the environment.
P280 Wear gloves/ eye protection/ face
protection.
Reaction:
P333 + P313 In case of skin irritation or rash: consult a
doctor.
P337 + P313 If eye irritation persists, consult a
doctor.
P362 + P364 Remove all contaminated clothing and
wash before reuse.

Hazardous components to be indicated on the label:

Reaction product: bisphenol-F-epichlorohydrin; epoxy resins (average molecular weight <= 700)

2,2-bis-[4-(2,3-epoxypropoxy)phenyl]-propane

Reaction product of Epichlorohydrin/Bisphenol-A

1,6-bis(2,3-epoxypropoxy)hexane

2.3 Other dangers

This substance/mixture contains no components considered to be either persistent, bioaccumulative and toxic (PBT), or very persistent and very bioaccumulative (vPvB) at concentrations of 0.1% or higher.



SECTION 3: Composition/information on ingredients

3.2 Mixtures

Chemical nature : Modified epoxy resin

Hazardous components

| Chemical Name | CAS No EC No./List Number of registration | Classification (REGULATION (EC) No. 1272/2008) | concentration And (%) |
|-------------------------------------------------------------------------------------------|----------------------------------------------------|-------------------------------------------------------------------------------------------|--------------------------|
| Reaction product: bisphenol-Fepiclohydrin; epoxy resins (average molecular weight <= 700) | 9003-36-5 01-2119454392-40 | Skin Irrit.2; H315 Skin Sens.1A; H317 Aquatic Chronic2; H411 | > = 30-< 50 |
| 2,2-bis-[4-(2,3-epoxypropoxy)phenyl]-propane | 1675-54-3 216-823-5 01-2119456619-26 | Eye Irrit.2; H319 Skin Irrit.2; H315 Skin Sens.1; H317 Aquatic Chronic2; H411 | > = 20-< 25 |
| Reaction product of Epichlorohydrin/Bisphenol-A | 25036-25-3 | Skin Irrit.2; H315 Eye Irrit.2; H319 Skin Sens.1; H317 | > = 12.5-< 20 |
| 1,6-bis(2,3-epoxypropoxy)hexane | 933999-84-9 01-2119463471-41 | Skin Irrit.2; H315 Eye Irrit.2; H319 Skin Sens.1; H317 Aquatic Chronic3; H412 | > = 5-< 7 |
| [3-(2,3-epoxypropoxy)propyl]trimethoxysilane | 2530-83-8 219-784-2 01-2119513212-58 | Eye Dam.1; H318 | > = 1-<3 |

For explanations of abbreviations see paragraph 16.

SECTION 4: first aid measures

4.1 Description of first aid measures General

information : Keep warm in a quiet room.
Show this safety data sheet to the attending physician.
Take off all contaminated clothing immediately.

If inhaled : Take to fresh air.
Put the person concerned in a resting position and keep him warm.
If unconscious, place on side in stable position and consult a doctor.
If symptoms persist, consult a doctor. In case of irregular breathing or respiratory arrest, give artificial respiration.



- In case of skin contact : Wash immediately with soap and plenty of water. Do not use solvents or thinners.
If it gets on clothing, remove clothing. If skin irritation persists, call a doctor.
- In case of contact with eyes : Rinse immediately with plenty of water, also under the eyelids, for at least 15 minutes.
If eye irritation persists, consult a physician. If this is easy, remove contact lenses, if they are worn.
- If ingested : Keep at rest.
Do not induce vomiting without medical advice.
Keep the respiratory tract clean.
If symptoms persist, consult a doctor.

4.2 Most important symptoms and effects, both acute and delayed

- Symptoms : irritant effects
Redness
sensitizing effects

4.3 Indication of any immediate medical attention and special treatment needed

- Treatment : First Aid procedure should be agreed consulting the competent occupational physician.

SECTION 5: Firefighting measures**5.1 Extinguishing media** Suitable

- extinguishing media : Foam
Sand
Carbon dioxide (CO₂)
Water mist
- Unsuitable extinguishing media : Nebulised water jet

5.2 Special hazards arising from the substance or mixture

- Specific dangers vs the fire : Pressure in hermetically sealed containers can increase under the influence of heat.
Cool closed containers near the flames with nebulised water.

5.3 Advice for firefighters

- Protection devices special for firefighters : In the event of fire, wear self contained breathing apparatus independent air supply. Use personal protective equipment.



Further information : In case of fire and/or explosion do not breathe fumes. Use extinguishing systems compatible with the local situation and the surrounding environment.
Immediately evacuate personnel to safe areas. Prevent water from fire extinguishers from contaminating surface water or groundwater.
Dispose of the contaminated water used for extinguishing and the residue of the fire according to the regulations in force.

SECTION 6: Accidental release measures

6.1 Personal precautions, protective equipment and emergency procedures Individual

precautions : Refer to protective measures listed in sections 7 and 8.
Evacuate personnel to safe areas.
Use personal protective equipment.
Provide adequate ventilation.
Inform the responsible authorities in the event of a gas leak, or if it enters pipes, soil or sewers.

6.2 Environmental precautions

Environmental precautions : Do not allow uncontrolled dumping of the product in the environment.
Prevent the material from entering drains or water courses.

Local authorities must be notified if leaks cannot be contained.

6.3 Methods and materials for containment and cleaning up Methods

of reclamation : Dry with inert material (e.g. sand, silica gel, acid binder, universal binder, sawdust). Contain and collect spillage with non-combustible absorbent material (such as sand, earth, diatomaceous earth, vermiculite) and place in container for disposal according to local or national regulations (see section 13).

Collect and transfer to a properly labeled container.

6.4 Reference to other sections

See Section 8 for personal protective equipment.

SECTION 7: Handling and storage

7.1 Precautions for safe handling

Instructions for use: safe Ensure sufficient air exchange and/or extraction in work environments.
Avoid inhalation, ingestion and contact with skin and with

the eyes.

Wear protective clothing.

Persons with a history of skin hypersensitivity or asthma, chronic allergies or recurrent respiratory disease should not be employed in any process in which this mixture is used.

- Indications against fire and explosion : Keep away from open flames, hot surfaces and sources of ignition.
- Hygiene measures : Provide adequate ventilation. Wash hands and face before breaks and immediately after handling the product.

7.2 Conditions for safe storage, including any incompatibilities

- Warehouse and container requirements: Keep containers tightly closed in a dry, cool and well-ventilated place. Keep in properly labeled containers.
- Directions for the storage together with other products : Keep away from oxidizing agents, strong acids or bases and amines.
Keep the product and empty containers away from heat sources and ignition sources.
Keep away from food and drink.
- Other information : Stable under normal environmental conditions of temperature and pressure.

7.3 Particular End Uses

- Particular uses : Consult the technical instructions for use of this substance/mixture.

SECTION 8: Exposure controls/personal protection

8.1 Control parameters

Does not contain substances with occupational exposure limit values.

Derived No Effect Level (DNEL) according to Regulation (EC) No. 1907/2006:

- 2,2-bis-[4-(2,3-epoxypropoxy)phenyl]-propane : End use: Workers
Exposure routes: Skin contact
Potential Health Effects: Acute systemic effects, Effects long-term systemic
Value: 8.33 mg/kg
End use: Workers
Route of Exposure: Inhalation
Potential Health Effects: Acute systemic effects, Long-term local effects
Value: 12.25 mg/m³
End Use: Consumers
Exposure routes: Skin contact
Potential Health Effects: Acute systemic effects, Long-term systemic effects
Value: 3.571 mg/kg

| | |
|----------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| | End Use: Consumers Exposure Routes: Ingestion Potential Health Effects: Acute systemic effects, Effects long-term systemic Value: 0.75 mg/kg |
| 1,6-bis(2,3-epoxypropoxy)hexane | : End use: Workers Exposure routes: Skin contact Potential Health Effects: Long-term systemic effects Value: 2.8 mg/kg End use: Workers Route of Exposure: Inhalation Potential Health Effects: Long-term systemic effects term Value: 4.9 mg/m3 |
| [3-(2,3-epoxypropoxy)propyl]trimethoxysilane | : End use: Workers Exposure routes: Skin contact Potential Health Effects: Acute systemic effects Value: 21 mg/kg Route of Exposure: Inhalation Potential Health Effects: Acute systemic effects Value: 147 mg/m3 End use: Workers Potential Health Effects: Long-term systemic effects term Value: 21 mg/kg End use: Workers Potential Health Effects: Long-term systemic effects term Value: 147 mg/m3 |

Predicted No Effect Concentration (PNEC) according to Regulation (EC) No. 1907/2006:

| | |
|----------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 2,2-bis-[4-(2,3-epoxypropoxy)phenyl]-propane | : Fresh water Value: 0.006 mg/l Sea water Value: 0.0006 mg/l Intermittent releases Value: 0.018 mg/l Sewage treatment plant Value: 10 mg/l Fresh water sediment Value: 0.996 mg/kg Marine sediment Value: 0.0996 mg/kg Soil Value: 0.196 mg/kg |
| 1,6-bis(2,3-epoxypropoxy)hexane | : Sewage treatment plant Value: 1 mg/l Fresh water Value: 0.0115 mg/l Fresh water sediment Value: 0.283 mg/kg Sea water |



| | |
|----------------------------------------------|-----------------------------------------|
| | Value: 0.00115 mg/l |
| | Marine sediment |
| | Value: 0.0283 mg/kg |
| | Soil |
| | Value: 0.223 mg/kg |
| [3-(2,3-epoxypropoxy)propyl]trimethoxysilane | : Sewage treatment plant Value: 10 mg/l |
| | Fresh water |
| | Value: 1 mg/l |
| | Sea water |
| | Value: 0.1 mg/l |
| | Intermittent releases |
| | Value: 1 mg/l |
| | Fresh water sediment |
| | Value: 0.79 mg/kg |
| | Soil |
| | Value: 0.13 mg/kg |

8.2 Exposure controls

Appropriate engineering controls

Effective exhaust ventilation system effective ventilation in all process areas

Individual protection

| | |
|-----------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Eye protection | : Do not wear contact lenses. Safety goggles with side protection in compliance with EN166 standard Make sure that eyewash stations and emergency showers are close to the workstation. |
| Hand protection Material | : Protective gloves according to EN 374. |
| Skin and body protection | : Protection suit |
| Respiratory protection | : Use respiratory protection, unless adequate local exhaust ventilation is provided or exposure assessment demonstrates exposure meets recommended guidelines. In case of vapor formation, use a respirator with an approved filter. The equipment must comply with EN 14387 Apply the necessary technical measures not to exceed the occupational exposure limit values. This can be obtained through a good general air exchange or, if practicable, through a local aspirator. |
| Protection measures | : Avoid contact with skin. Wear suitable protective clothing. |



SECTION 9: physical and chemical properties**9.1 Information on basic physical and chemical properties** I wait

| | |
|----------------------------------------------------------|-----------------------------------|
| | : dough |
| Color | : white |
| Odor | : light |
| Olfactory threshold | : not determined |
| pH | : 4 - 6.1% |
| Melting point/freezing point | : Not applicable |
| Boiling point/range | : Not applicable |
| Flash point | : 150°C |
| Evaporation rate | : not determined |
| Upper explosive limit | : Not applicable |
| Lower explosive limit | : Not applicable |
| Vapor pressure | : Not applicable |
| Relative vapor density | : not determined |
| Density | : 1.18 g/cm ³ (25 °C) |
| Apparent density | : not determined |
| Solubility/solubilities. Solubility in other solvents | : not determined |
| Partition coefficient: noctanol/water | : No data available |
| Ignition temperature | : Not applicable |
| Temperature of self-ignition | : Not applicable |
| Thermal decomposition | : Method: No data available |
| Viscosity Viscosity, dynamics | : 350.000 - 450.000 mPa.s (25 °C) |



Viscosity, kinematics : not determined

Explosive properties : Not applicable

Oxidizing properties : Not applicable

9.2 other information

Surface tension : not determined

Sublimation point : Not applicable

SECTION 10: stability and reactivity**10.1 Reactivity**

Stable under recommended storage conditions.

10.2 Chemical stability

No decomposition if stored and applied as directed.

10.3 Possibility of hazardous reactions

dangerous reactions : Reacts with the following substances:
Bases
Strong oxidizing agents
Avoid amines.

10.4 Conditions to avoid

Conditions to avoid : No decomposition if used as intended instructions.

10.5 Incompatible materials

Materials to avoid : Incompatible with oxidizing agents.

10.6 Hazardous decomposition products

Decomposition products : This product can release the following: Carbon
dangerous monoxide, carbon dioxide or unburnt hydrocarbons (smoke).

SECTION 11: toxicological information**11.1 Information on toxicological effects****Acute toxicity****Product:**

Acute oral toxicity : Remarks: No data available

CECCHI GUSTAVO & C.

Via M. Coppino 253 - 55049 Viareggio (LU) ITALY

tel. +39 0584 383694 fax +39 0584 395182

www.cecchi.it info@cecchi.it

C-SYSTEMS ET 40 component A - SAFETY DATA SHEET - August 2019 - batch n° 281-B1 - rev.1/19



Acute toxicity for inhalation : Remarks: No data available

Acute dermal toxicity : Remarks: No data available

Acute toxicity (by other routes of administration) : Remarks: No data available

Components:

2,2-bis-[4-(2,3-epoxypropoxy)phenyl]-propane:

Acute oral toxicity : LD50 (Rat, female): > 2,000 mg/kg Method: OECD Test Guideline 420 GLP: yes

Acute dermal toxicity : LD50 (Rat, male and female): > 2,000 mg/kg Method: OECD Test Guideline 402 GLP: yes

1,6-bis(2,3-epoxypropoxy)hexane:

Acute oral toxicity : LD50 (Rat): 2,900 mg/kg Method: OECD Test Guideline 401 GLP: yes

Acute dermal toxicity : LD50 (Rabbit): > 2,000 mg/kg Method: OECD Test Guideline 402 GLP: yes

[3-(2,3-epoxypropoxy)propyl]trimethoxysilane:

Acute toxicity for inhalation : LC50 (Rat, male and female): > 5.3 mg/l
Exposure time: 4 h
Test atmosphere: dust/fog
Method: OECD Test Guideline 403 GLP: yes

Acute dermal toxicity : LD50 (Rabbit, male): 4,250 mg/kg Method: OECD Test Guideline 402

Skin corrosion/irritation

Product:

Remarks: No data available

Components:

2,2-bis-[4-(2,3-epoxypropoxy)phenyl]-propane:

Species: On rabbit
Exposure time: 4 hours
Method: OECD Test Guideline 404 Result:
Irritating to skin
BPL: yes

[3-(2,3-epoxypropoxy)propyl]trimethoxysilane:

CECCHI GUSTAVO & C.

Via M. Coppino 253 - 55049 Viareggio (LU) ITALY

tel. +39 0584 383694 fax +39 0584 395182

www.cecchi.it info@cecchi.it

C-SYSTEMS ET 40 component A - SAFETY DATA SHEET - August 2019 - batch n° 281-B1 - rev.1/19



Species: On rabbit

Method: OECD Test Guideline 404 Result: No skin irritation

Serious eye damage/irritation

Product:

Remarks: No data available

Components:

[3-(2,3-epoxypropoxy)propyl]trimethoxysilane:

Species: On rabbit

Method: OECD Test Guideline 405 Result: Risk of serious damage to eyes.

Respiratory or skin sensitisation

Product:

Remarks: No data available

Components:

2,2-bis-[4-(2,3-epoxypropoxy)phenyl]-propane: Test

Type: Mouse Local Lymph Node assay (LLNA) Species: Mouse

Method: OECD Test Guideline 429

Result: May cause sensitization by skin contact. BPL: yes

1,6-bis(2,3-epoxypropoxy)hexane:

Test Type: Mouse Local Lymph Node assay (LLNA)

Route of Exposure: Dermal

Species: Mouse

Method: OECD Test Guideline 429

Result: May cause sensitization by skin contact. BPL: yes

[3-(2,3-epoxypropoxy)propyl]trimethoxysilane:

Test Type: Buehler Test Species: Guinea pig

Method: OECD Test Guideline 406 Result: Does not cause skin sensitisation. BPL: yes

Germ cell mutagenicity

Carcinogenicity

Product:

Remarks: No data available

CECCHI GUSTAVO & C.

Via M. Coppino 253 - 55049 Viareggio (LU) ITALY

tel. +39 0584 383694 fax +39 0584 395182

www.cecchi.it info@cecchi.it

C-SYSTEMS ET 40 component A - SAFETY DATA SHEET - August 2019 - batch n° 281-B1 - rev.1/19



Reproductive toxicity

Product:

Effects on fertility : Remarks: No data available

Remarks: No data available

Effects on fetal development : Remarks: No data available. Remarks:
No data available

Specific target organ toxicity (STOT) - single exposure

Product:

Remarks: Not applicable

Specific target organ toxicity (STOT) - repeated exposure

Repeated dose toxicity

Product:

Remarks: No data available

Aspiration toxicity

Components:

2,2-bis-[4-(2,3-epoxypropoxy)phenyl]-propane:

There is no classification for aspiration toxicity

Further information

Product:

Remarks: No data available

SECTION 12: ecological information

12.1 Toxicity

Product:

Toxicity to fish : Remarks: No data available

Toxicity to daphnia and other aquatic invertebrates : Remarks: No data available

Components:

2,2-bis-[4-(2,3-epoxypropoxy)phenyl]-propane:

Daphnia toxicity e : EC50 (Daphnia (water flea)): 1.7 mg/l
for other aquatic invertebrates Exposure time: 48 h
Type of test: Static test
Method: OECD Test Guideline 202

CECCHI GUSTAVO & C.

Via M. Coppino 253 - 55049 Viareggio (LU) ITALY

tel. +39 0584 383694 fax +39 0584 395182

www.cecchi.it info@cecchi.it

C-SYSTEMS ET 40 component A - SAFETY DATA SHEET - August 2019 - batch n° 281-B1 - rev.1/19



Toxicity to daphnia and other aquatic invertebrates (Chronic toxicity) : NOEC: 0.3mg/l
Exposure time: 21 d
Species: Daphnia magna (Water flea) Test type: semi-static test
Method: OECD Test Guideline 211 GLP: yes

1,6-bis(2,3-epoxypropoxy)hexane:

Toxicity to fish : LC50 (Oncorhynchus mykiss (rainbow trout)): 30 mg/l
Exposure time: 96 h
Type of test: Semi-static test
Method: OECD Test Guideline 203 GLP: yes

Toxicity to daphnia and other aquatic invertebrates : EC50 (Daphnia magna (Water flea)): 39 mg/l
Exposure time: 48 h
Type of test: Static test
Method: OECD Test Guideline 202 GLP: yes

[3-(2,3-epoxypropoxy)propyl]trimethoxysilane:

Toxicity to fish : LC50 (Cyprinus carpio (Carp)): 55 mg/l
Exposure time: 96 h
Type of test: Semi-static test
Method: Directive 67/548/EEC, Annex V, C.1.

Toxicity to daphnia and other aquatic invertebrates (Chronic toxicity) : NOEC: > 100 mg/l
Exposure time: 21 d
Species: Daphnia magna (Water flea) Test type: semi-static test
Method: OECD Test Guideline 211 GLP: yes

12.2 Persistence and degradability .

Product:

Biodegradability : Remarks: No data available

Physico-chemical elimination : Remarks: No data available

Components:

2,2-bis-[4-(2,3-epoxypropoxy)phenyl]-propane:

Biodegradability : Result: Not readily biodegradable.
Method: OECD Test Guideline 301F GLP: yes

1,6-bis(2,3-epoxypropoxy)hexane:

CECCHI GUSTAVO & C.

Via M. Coppino 253 - 55049 Viareggio (LU) ITALY

tel. +39 0584 383694 fax +39 0584 395182

www.cecchi.it info@cecchi.it

C-SYSTEMS ET 40 component A - SAFETY DATA SHEET - August 2019 - batch n° 281-B1 - rev.1/19



Biodegradability : Test type: aerobic
Result: Inherently biodegradable. Method: OECD
Test Guideline 301D

[3-(2,3-epoxypropoxy)propyl]trimethoxysilane:

Biodegradability : Test type: aerobic
Result: Not readily biodegradable. Method:
Directive 67/548/EEC, Annex V, C.4.A. BPL: yes

12.3 Bioaccumulative potential .

Product:

Bioaccumulation : Remarks: No data available

Components:

2,2-bis-[4-(2,3-epoxypropoxy)phenyl]-propane:

Partition coefficient: n- : octanol/water log Pow: 3.242 (25°C)
pH: 7.1
Method: OECD Test Guideline 117 GLP: yes

1,6-bis(2,3-epoxypropoxy)hexane:

Partition coefficient: n- : octanol/
water log Pow: 0.822 (20°C)
pH: 6 - 8
Method: OECD Test Guideline 107 GLP: yes

12.4 Mobility in soil .

Components:

1,6-bis(2,3-epoxypropoxy)hexane:

Diffusion in the various sectors:
environmental log Koc: 2.98
Method: OECD Test Guideline 121

12.5 Results of PBT and vPvB assessment .

Product:

Assessment : This substance/mixture contains no components
considered both persistent, bioaccumulative and toxic (PBT),
or very persistent and very bioaccumulative (vPvB) at
concentrations of 0.1% or higher.

12.6 Other adverse effects .

Product:

Additional ecological
information : Remarks: An environmental hazard cannot be excluded in the
event of unprofessional handling or disposal.



SECTION 13: Disposal considerations

13.1 Waste treatment methods

| | |
|-------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Product | : In accordance with local and national regulations. Dangerous container when empty. Do not dispose of as household waste. Do not mix waste from different sources during collection. |
| Contaminated containers | : Empty containers should be taken to an approved site for recycling or disposal. |

SECTION 14: transport information

14.1 UN number

| | |
|-------------------------------|-----------|
| ADR/RID/ADN | : UN 3077 |
| <small>IMDG extension</small> | : UN 3077 |
| IATA | : UN 3077 |

14.2 UN proper shipping name

| | |
|-------------------------------|---------------------------------------------------------------------------------------------------------------------|
| ADR/RID/ADN | : ENVIRONMENTALLY HAZARDOUS SUBSTANCE, SOLID, NOS, ENVIRONMENTALLY HAZARDOUS SUBSTANCE, SOLID, NOS (Epoxy resin) |
| <small>IMDG extension</small> | : ENVIRONMENTALLY HAZARDOUS SUBSTANCE, SOLID, NOS (epoxy resin) |
| IATA | : Environmentally hazardous substance, solid, nos (Epoxy resin) |

14.3 Transport hazard classes

| | |
|-------------------------------|-----|
| ADR/RID/ADN | : 9 |
| <small>IMDG extension</small> | : 9 |
| IATA | : 9 |

14.4 Packing group

| | |
|---------------------------------|-------|
| ADR/RID/ADN | |
| Packing group | : III |
| Classification code | : M7 |
| Identification number of danger | : 90 |
| Labels | : 9 |
| Tunnel restriction code | : - |

Remarks : ADR: These substances, when carried in single or combined packagings containing a quantity



net mass per single or inner packing less than or equal to 5 liters for liquids or having a net mass per simple or inner packing less than or equal to 5 kg for solids, are not subject to any other provision of ADR provided that the packings meet the general provisions of 4.1.1.1, 4.1.1.2 and 4.1.1.4 to 4.1.1.8.

IMDG extension

Packing group : III
 Labels : 9
 EmS Code : FA, SF
 Remarks : IMDG: Marine pollutants packed in individual or combination packagings containing an individual or inner packaging net quantity of 5 liters or less for liquids or with an individual or inner packaging net mass of 5 kg or less for solids are not subject to all other provisions of this Code relating to marine pollutants provided that the packaging meets the general provisions of 4.1.1.1, 4.1.1.2 and 4.1.1.4 to 4.1.1.8. In the case of marine pollutants that also meet the criteria for inclusion in another hazard class, all provisions of this code relating to additional hazards continue to apply.

IMDG Code segregation group - none

IATA

Packing Instructions (Cargo Aircraft) : 956
 Packing Instructions (Passenger Aircraft) : 956
 Packing group : III
 Labels : 9
 Remarks : IATA: These substances, when carried in single or combination packagings containing a net quantity per single or inner packaging of less than or equal to 5 liters for liquids or having a net mass of 5 kg or less for solids, are not subject to other provisions of the present regulation provided that the packagings meet the general provisions of 5.0.2.4.1, 5.0.2.6.1.1 and 5.0.2.8.

14.5 Environmental hazards**ADR/RID/ADN**

Dangerous for the environment : Yes

IMDG extension

Marine pollutant : Yes

IATA

Dangerous for the environment : Yes

14.6 Special precautions for users Remarks

: The transport of dangerous goods, including loading and lo



unloading, must be carried out by people who have received the necessary training required by the modal regulations.

14.7 Transport in bulk according to annex II of MARPOL 73/78 and the IBC code Not applicable to the product in its supplied form.

SECTION 15: Regulatory information

15.1 Safety, health and environmental laws and regulations specific to the substance or mixture

- REACH - Restrictions on the manufacture, placing on the market and use of certain dangerous substances, mixtures and articles (Annex XVII) : Not applicable
- REACH - Candidate List of Substances of Very High Concern for Authorization (Article 59). : This product does not contain substances of very high concern (Regulation (EC) No 1907/2006 (REACH), Article 57).
- REACH - List of substances subject to authorization (Annex XIV) : Not applicable
- Regulation (EC) no. 649/2012 of the European Parliament and of the Council on the export and import of dangerous chemicals : Not applicable
- Seveso III: Directive 2012/18/EU of the European Parliament and of the Council on the control of major-accident hazards involving dangerous substances.

| E2 | DANGERS FOR THE ENVIRONMENT | Quantity 1 200 t | Quantity 2 500 t |
|----|--------------------------------|---------------------|---------------------|
|----|--------------------------------|---------------------|---------------------|

15.2 Chemical safety assessment Not applicable

SECTION 16: other information

Full text of the H-Statements

- H315 : Causes skin irritation.
- H317 : May cause an allergic skin reaction. Causes
- H318 : serious eye damage.
- H319 : Causes serious eye irritation.
- H411 : Toxic to aquatic life with long lasting effects. Harmful to
- H412 : aquatic life with long lasting effects.

Full text of other abbreviations

CECCHI GUSTAVO & C.

Via M. Coppino 253 - 55049 Viareggio (LU) ITALY

tel. +39 0584 383694 fax +39 0584 395182

www.cecchi.it info@cecchi.it

C-SYSTEMS ET 40 component A - SAFETY DATA SHEET - August 2019 - batch n° 281-B1 - rev.1/19



| | | | |
|-----------------|---|------------------------------------|--------------------|
| Aquatic Chronic | : | Long-term (chronic) aquatic hazard | Serious eye damage |
| Eye Dam. | : | | |
| Eye Irrit. | : | Eye irritation | |
| Skin Irrit. | : | Skin irritation | |
| Skin Sens. | : | Skin sensitization | |

Further information

| | | |
|------------------------|---|------------------------------------------------------------------|
| Directions on training | : | Provision of information, instruction and training to operators. |
|------------------------|---|------------------------------------------------------------------|

The information contained in this Safety Data Sheet is correct according to our best knowledge of the product at the time of publication. This information is provided for the sole purpose of allowing the use, storage, transport and disposal of the product in the most correct and safest way. This information should not be considered a guarantee or specification of product quality.