

C-SYSTEMS 10 10 SUPERFAST component B

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

1.1 Product Identifier

Commercial name : C-SYSTEMS 10 10 B Superfast

UFI : 6K80-X0Q6-G00A-63DJ

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

Type of application (use) : Sticker

Usage Restrictions recommended : Reserved for industrial and professional users.

1.3 Details of the supplier of the safety data sheet

Company name : CECCHI GUSTAVO & C. srl
Via M. Coppino 253, 55049 Viareggio (LU)
Italy

Telephone : +39 0584 383694

SDS manager's email address: info@cecchi.it

1.4 Emergency telephone number

+ 44 1235 239670 (All languages)

CAVp "Hosp. Pediatric Bambino Gesù" Rome Piazza Sant'Onofrio, 4 00165 Tel.06-68593726
Az. Osp. Univ. Foggia Foggia V.le Luigi Pinto, 1 71122 Tel.0881-732326
Hospital "A. Cardarelli" Naples Via A. Cardarelli, 9 80131 Tel.081-7472870 CAV Policlinico
"Umberto I" Rome Viale del Policlinico, 155 00161 Tel.06-49978000 CAV Policlinico "A.
Gemelli" Rome Largo Agostino Gemelli, 8 00168 Tel.06-3054343
Hospital "Careggi" Medical Toxicology Unit Florence Largo Brambilla, 3 50134 Tel.055-7947819
CAV National Center for Toxicological Information Pavia Via Salvatore Maugeri, 10 27100
Tel.0382-24444
hosp. Niguarda Ca' Granda Milan Piazza Ospedale Maggiore,3 20162 Tel.02-66101029 Papa
Giovanni XXII Hospital Bergamo Piazza OMS, 1 24127 Tel.800883300 Integrated University
Hospital (AOUI) of Verona Borgo Trento branch, Verona Tel. 800011858

SECTION 2: hazard identification

2.1 Classification of the substance or mixture

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

Skin sensitization, Category 1

H317: May cause an allergic skin reaction.

Long-term (chronic) hazard to the aquatic environment, Category 3

H412: Harmful 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 : H317 May cause an allergic skin reaction. Harmful to
H412 aquatic life with long lasting effects
duration.

Cautionary advice : **Prevention:**
P261 Avoid breathing mist or vapours. Do not
P273 disperse in the environment.
P280 Wear gloves.
Reaction:
P333 + P313 If skin irritation or rash occurs:
consult a doctor.
P362 + P364 Take off all contaminated clothing and wash it
before reuse.
Elimination:
P501 Dispose of contents/ container to an approved
waste disposal plant.

Hazardous components to be indicated on the label:

Poly[oxy(methyl-1,2-ethanediyl)], α -hydro- ω -hydroxy-, ether with 2,2-bis(hydroxymethyl)-1,3-propanediol (4:1), 2-hydroxy-3-mercaptopropyl ether

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.

Ecological information: The substance/mixture does not contain any components considered to have endocrine disrupting properties within the meaning of Article 57(f) of REACH or Commission Delegated Regulation (EU) 2017/2100 or Commission Regulation (EU) 2018/605 at levels of 0.1% or higher.

Toxicological information: The substance/mixture does not contain any components considered to have endocrine disrupting properties within the meaning of Article 57(f) of REACH or Commission Delegated Regulation (EU) 2017/2100 or Commission Regulation (EU) 2018/605 at levels of 0.1% or higher.

SECTION 3: Composition/information on ingredients

3.2 Mixtures

Chemical nature : Amine Solution

Components

Chemical Name	CAS No EC no INDEX NO Number of registration	Classification	concentration and (%w/w)
Poly[oxy(methyl-1,2-ethanediyl)], α -hydro- ω -hydroxy-, ether with 2, 2-bis(hydroxymethyl)-1,3-propanediol (4:1), 2-hydroxy-3-mercaptopropyl ether	72244-98-5 01-2120118957-46	Skin Sens. 1B; H317 Aquatic Chronic 3; H412	≥ 50 - ≤ 100
2,4,6-tris(dimethylaminomethyl)phenol	90-72-2 202-013-9 603-069-00-0 01-2119560597-27	Acute Tox. 4; H302 Skin Irrit. 2; H315 Eye Irrit. 2; H319	≥ 7 - < 10

For explanations of abbreviations see paragraph 16.

SECTION 4: first aid measures

4.1 Description of first aid measures General

- information : Show this safety data sheet to the attending physician.
Keep warm in a quiet room.
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. Burns must be treated by 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	: DO NOT induce vomiting. If victim vomits while lying on back, turn to side. Call a doctor immediately. Give small quantities of water to drink.
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4.2 Most important symptoms and effects, both acute and delayed

Symptoms	: Burn superficial burning sensation. Redness Severe irritation
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4.3 Indication of any immediate medical attention and special treatment needed

Treatment	: First Aid procedure should be agreed consulting the competent occupational physician.
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SECTION 5: Fire fighting measures**5.1 Extinguishing media** Suitable

extinguishing media	: Carbon dioxide (CO2) Foam Dry powder Watery fog
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Unsuitable extinguishing media	: Not known.
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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. Hazardous decomposition products in case of fire.
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5.3 Advice for firefighters

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

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 exhaust in
workplaces.
Do not breathe vapors or spray.
Avoid inhalation, ingestion and contact with skin and 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.

Advice on protection against fire and : Keep away from open flames, hot surfaces and sources of
explosions 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. To preserve the quality of the product, do not store near a heat source and do not expose to direct light.

Additional information for the conditions of storage : Protect from moisture.

Directions for the storage together with other products : Keep away from isocyanates. Do not store near acids. Keep away from oxidizing agents.

Learn more about storage stability : 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.
Does not contain substances with occupational exposure limit values.

8.2 Exposure controls

Appropriate engineering controls

Effective exhaust ventilation system effective
ventilation in all process areas

Individual protection

Eye protection : Safety glasses with side protection according to
to the EN166 standard
Do not wear contact lenses.
Make sure that eyewash stations and emergency showers
are close to the workstation.

Hand protection
Material : Protective gloves according to EN 374.

Remarks : Nitrile rubber

Skin and body protection : Protection suit
Preventive skin protection recommended

Respiratory protection : Use a respirator during handling involving possible
exposure to product vapor.
The filter class of the respirator must be suitable for the
maximum anticipated concentration of the contaminant
(gas/vapour/particulate) which could occur when

manipulate the product. If the concentration is exceeded, self-contained breathing apparatus must be used.

Suggested filter type:

Filter - ABEK

The equipment must comply with EN 14387

Protection arrangements : Avoid contact with skin. Wear suitable protective clothing.

SECTION 9: physical and chemical properties

9.1 Information on basic physical and chemical properties

physical state : liquid

Color : Amber

Odor : ammoniacal

Olfactory threshold : not determined

Melting point/freezing point : Not applicable

Boiling point/range : > 150 °C

Upper explosion limit : Not applicable / Upper limit of flammability

Lower explosion limit / : Not applicable Lower limit of flammability

Flash point : 100°C

Temperature of self-ignition : Not applicable

Temperature of decomposition : No data available

pH : 11
Concentration: 1%

Viscosity

Viscosity, dynamics : 10.000 - 18.000 mPa.s (25 °C)

Viscosity, kinematics : not determined

Solubility/solubilities.

Water solubility : not determined

Solubility in other solvents : not determined

Partition coefficient: n- : No data available octanol/water

Vapor pressure : not determined

Density : 1.13 g/cm³ (25 °C)

Apparent density : not determined

Relative vapor density : not determined

Particle characteristics
particle size :Not applicable

Particle size : Not applicable

9.2 Other Information

Explosives : Not applicable

Oxidizing properties : Not applicable

Self-ignition : Not applicable

Evaporation rate : not determined

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:
Acids
Strong oxidizing agents

10.4 Conditions to avoid

Conditions to avoid : No decomposition if used according to the specific instructions.

10.5 Incompatible materials

Materials to avoid : Strong acids
Strong oxidizing agents

10.6 Hazardous decomposition products

This product can release the following:

Nitrogen oxides (NO_x)

Carbon monoxide

Carbon dioxide (CO₂)

SECTION 11: toxicological information**11.1 Information on the hazard classes defined in Regulation (EC) No. 1272/2008****Acute toxicity****Product:**

Acute oral toxicity : Acute toxicity estimate: > 2,000 mg/kg
Method: Method of calculation

Acute toxicity for : Remarks: No data available
inhalation

Acute dermal toxicity : Remarks: No data available

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

Skin corrosion/irritation**Product:**

Remarks : No data available

Serious eye damage/irritation**Product:**

Remarks : No data available

Respiratory or skin sensitisation**Product:**

Remarks : No data available

Carcinogenicity**Product:**

Remarks : No data available

Reproductive toxicity**Product:**

Effects on fertility : Remarks: No data available

Effects on fetal development : Remarks: No data available

Specific target organ toxicity (STOT) - single exposure**Product:**

Remarks : No data available

Specific target organ toxicity (STOT) - repeated exposure**Product:**

Remarks : No data available

Repeated dose toxicity**Product:**

Remarks : No data available

11.2 Information on other hazards**Endocrine disrupting properties****Product:**

Assessment : The substance/mixture contains no considered components having endocrine disrupting properties within the meaning of Article 57(f) of REACH or Commission Delegated Regulation (EU) 2017/2100 or Commission Regulation (EU) 2018/605 at levels of 0.1% or higher.

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

12.2 Persistence and degradability**Product:**

Biodegradability : Remarks: No data available

Physico-chemical elimination : Remarks: No data available

12.3 Bioaccumulative potential**Product:**

Bioaccumulation : Remarks: No data available

12.4 Mobility in soil No data
available

12.5 Results of PBT and vPvB assessment

Product:

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

12.6 Endocrine-disrupting properties

Product:

Assessment : The substance/mixture contains no considered components having endocrine disrupting properties within the meaning of Article 57(f) of REACH or Commission Delegated Regulation (EU) 2017/2100 or Commission Regulation (EU) 2018/605 at levels of 0.1% or higher.

12.7 Other adverse effects

Product:

Additional ecological information : 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 or ID number

Not regulated as dangerous goods

14.2 UN proper shipping name Not regulated
as dangerous goods

14.3 Transport hazard classes Not regulated
as dangerous goods

14.4 Packing group

ADR/RID/ADN

: Not regulated as dangerous goods

IMDG extension

: Not regulated as a dangerous good IMDG

Remarks

: Code segregation group 18 - Alkalis

IATA (Cargo)

: Not regulated as dangerous goods. Not

IATA (Passenger)

: regulated as dangerous goods

14.5 Environmental hazards

Not regulated as dangerous goods

14.6 Special precautions for users Remarks

: The transport of dangerous goods, including loading and unloading, must be carried out by persons who have received the necessary training required by the modal regulations.

14.7 Shipping in bulk in accordance with IMO acts 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)

: The restriction conditions for the following items have to be considered:

Number in list: 3

REACH - Candidate List of Substances of Very High Concern for Authorization (Article 59).

: Not applicable

Regulation (EC) no. 1005/2009 on substances that deplete the ozone layer

: Not applicable

Regulation (EU) 2019/1021 on persistent organic pollutants (recast)

: 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

REACH - List of substances subject to authorization (Annex XIV)

: Not applicable

REGULATION (EU) 2019/1148 on the placing on the market and use of explosives precursors

: Not applicable

International Chemical Weapons Convention (CWC), : Not applicable list of chemical precursors and toxic products

Regulation (EC) no. 111/2005 of the Council containing
rules for the control of trade in drug precursors between
the Community and third countries : 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. Not applicable

Other legislations : Referring to the product composition, we intentionally do not
add any of the substances listed in the European Directive
2011/65/EU (RoHS 2, RoHS3 and China RoHS).

Consequently, the product is in line with these directives.
We do not intentionally add conflict minerals to the
product.

15.2 Chemical safety assessment Not applicable

SECTION 16: other information

Full text of the H-Statements

H302 : Harmful if swallowed.
H315 : Causes skin irritation.
H317 : May cause an allergic skin reaction. Causes
H319 : serious eye irritation.
H412 : Harmful to aquatic life with long lasting effects.

Full text of other abbreviations

Acute Tox. : Acute toxicity
Aquatic Chronic : Long-term (chronic) aquatic hazard
Eye Irrit. : Eye irritation
Skin Irrit. : Skin irritation
Skin Sens. : Skin sensitization

ADN - European Agreement concerning the International Carriage of Dangerous Goods by Inland Waterways; ADR - Agreement concerning the international carriage of dangerous goods by road; AIIC - Australian Inventory of Industrial Chemicals; ASTM - American Society for Testing of Materials; bw - Body weight; CLP - Classification, Labeling and Packaging Regulation; Regulation (EC) No. 1272/2008; CMR - Carcinogenic, mutagenic or toxic to reproduction; DIN - Standard of the German Institute for Standardization; DSL - Domestic List of Substances (Canada); ECHA - European Chemicals Agency; EC-Number - European Community number; ECx - Concentration associated with x% response; ELx - Load rate associated with x% response; EmS - Emergency Program; ENCS - Existing and New Chemicals (Japan); ErCx - Concentration associated with x% growth rate response; GHS - Globally Harmonized System; GLP - Good Laboratory Practice; IARC - International Agency for Research on Cancer; IATA - International Air Transport Association; IBC - International Code for the Construction and Equipment of Ships Carrying Dangerous Chemicals in Bulk; IC50 - Half of the maximum inhibitory concentration; ICAO - International Civil Aviation Organization; IECSC - Inventory of substances IBC - International Code for the Construction and Equipment of Ships Carrying Dangerous Chemicals in Bulk; IC50 - Half of the maximum inhibitory concentration; ICAO - International Civil Aviation Organization; IECSC - Inventory of substances IBC - International Code for the Construction and Equipment of Ships Carrying Dangerous Chemicals in Bulk; IC50 - Half of the maximum inhibitory concentration; ICAO - International Civil Aviation Organization; IECSC - Inventory of substances

existing chemicals China; IMDG - International Maritime Transport of Dangerous Goods; IMO - International Maritime Organization; ISHL - Industrial Safety and Health Law (Japan); ISO - International Organization for Standardization; KECI - Korea Inventory of Existing Chemicals; LC50 - 50% lethal concentration for a test population; LD50 - 50% lethal dose for a test population (median lethal dose); MARPOL - International Convention for the Prevention of Pollution from Ships; nos - not otherwise specified; NO(A)EC - No Observed (Adverse) Effect Concentration; NO(A)EL - No Observed (Adverse) Effect Level; NOELR - No Observed Effect Load Rate; NZIoC - New Zealand Chemicals Inventory; OECD - Organization for Economic Co-operation and Development; OPPTS - Bureau of Chemical Safety and Pollution Prevention; PBT - Persistent, bioaccumulative and toxic substance; PICCS - Chemical Substances Inventory of the Philippines; (Q)SAR - (Quantitative) Structure Activity Relationships; REACH - Regulation (EC) No. 1907/2006 of the European Parliament and of the Council concerning the registration, evaluation, authorization and restriction of chemical substances; RID - Regulations concerning the international rail transport of dangerous goods; SADT - Self-accelerating decomposition temperature; SDS - Safety Data Sheet; SVHC - Substance of Very High Concern; TCSI - Taiwan Chemical Substance Inventory; TECI - Thailand Existing Chemical Substances Inventory; TRGS - Technical Rule for Hazardous Substances; TSCA - Toxic Substances Control Act (United States); UN - United Nations; vPvB - Very persistent and very bioaccumulative

Further information

Directions : Provision of information, instructions to operators
on training and training.

Classification of the mixture:

Skin Sens. 1	H317
Aquatic Chronic 3	H412

Classification procedure:

Calculation method
Calculation method

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.

EN / GB