

SAFETY DATA SHEET

according to Regulation (EC) No. 1907/2006, as amended by
Commission Regulation (EU) 2020/878



CP

Version	Revision Date:	SDS Number:	Date of last issue: 13.07.2023
2.6	13.03.2024	600000000018	Date of first issue: 05.07.2016

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

1.1 Product identifier

Trade name : CP

REACH Registration Number : 01-2120770269-45-0000

Substance name : hydrogen peroxide-urea

EC-No. : 204-701-4

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

Use of the Sub-
stance/Mixture : Oxidizing agents

Recommended restrictions on use : Exposure Scenario is available as separate attachment., For further information see eSDS.

1.3 Details of the supplier of the safety data sheet

Company : United Initiators GmbH
Dr.-Gustav-Adolph-Str. 3
82049 Pullach

Telephone : +49 / 89 / 74422 – 0

E-mail address of person responsible for the SDS : contact@united-in.com

1.4 Emergency telephone number

+44 1235 239670

SECTION 2: Hazards identification

2.1 Classification of the substance or mixture

Classification (REGULATION (EC) No 1272/2008)

Oxidizing solids, Category 3	H272: May intensify fire; oxidizer.
Skin irritation, Category 2	H315: Causes skin irritation.
Serious eye damage, Category 1	H318: Causes serious eye damage.

SAFETY DATA SHEET

according to Regulation (EC) No. 1907/2006, as amended by
Commission Regulation (EU) 2020/878



CP

Version	Revision Date:	SDS Number:	Date of last issue: 13.07.2023
2.6	13.03.2024	600000000018	Date of first issue: 05.07.2016

2.2 Label elements

Labelling (REGULATION (EC) No 1272/2008)

Hazard pictograms :



Signal word : Danger

Hazard statements : H272 May intensify fire; oxidizer.
H315 Causes skin irritation.
H318 Causes serious eye damage.

Precautionary statements : **Prevention:**
P210 Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking.
P220 Keep/ Store away from clothing/ combustible materials.
P264 Wash skin thoroughly after handling.
P280 Wear protective gloves/ protective clothing/ eye protection/ face protection/ hearing protection.

Response:

P305 + P351 + P338 + P310 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Immediately call a POISON CENTER/ doctor.
P370 + P378 In case of fire: Use water spray to extinguish.

2.3 Other hazards

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

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

May cause fire or explosion; strong oxidizer.

SECTION 3: Composition/information on ingredients

3.1 Substances

SAFETY DATA SHEET

according to Regulation (EC) No. 1907/2006, as amended by
Commission Regulation (EU) 2020/878



CP

Version Revision Date: SDS Number: Date of last issue: 13.07.2023
2.6 13.03.2024 600000000018 Date of first issue: 05.07.2016

Substance name : hydrogen peroxide-urea
EC-No. : 204-701-4
Chemical nature : Solid

Components

Chemical name	CAS-No. EC-No.	Concentration (%) w/w)	M-Factor, SCL, ATE
hydrogen peroxide--urea	124-43-6 204-701-4	<= 100	

SECTION 4: First aid measures

4.1 Description of first aid measures

General advice : Take off contaminated clothing and shoes immediately.
Call a physician immediately.
Never give anything by mouth to an unconscious person.
If unconscious, place in recovery position and seek medical advice.
Move out of dangerous area.
Show this safety data sheet to the doctor in attendance.
Do not leave the victim unattended.

Protection of first-aiders : First Aid responders should pay attention to self-protection
and use the recommended protective clothing

If inhaled : Administer oxygen if breathing is difficult or cyanosis is observed.
If breathed in, move person into fresh air.
If not breathing, give artificial respiration.
Respiratory tract burning possible if aerosols are inhaled.
If unconscious, place in recovery position and seek medical advice.
If symptoms persist, call a physician.

In case of skin contact : If symptoms persist, call a physician.
In case of contact, immediately flush skin with plenty of water
for at least 15 minutes while removing contaminated clothing
and shoes.
Wash contaminated clothing before re-use.
If on skin, rinse well with water.
If on clothes, remove clothes.

SAFETY DATA SHEET

according to Regulation (EC) No. 1907/2006, as amended by
Commission Regulation (EU) 2020/878



CP

Version	Revision Date:	SDS Number:	Date of last issue: 13.07.2023
2.6	13.03.2024	600000000018	Date of first issue: 05.07.2016

- In case of eye contact : Small amounts splashed into eyes can cause irreversible tissue damage and blindness.
In the case of contact with eyes, rinse immediately with plenty of water and seek medical advice.
Continue rinsing eyes during transport to hospital.
Remove contact lenses.
Protect unharmed eye.
Keep eye wide open while rinsing.
If eye irritation persists, consult a specialist.
- If swallowed : Call a physician immediately.
Rinse mouth thoroughly with water.
Keep respiratory tract clear.
Do NOT induce vomiting.
If symptoms persist, call a physician.

4.2 Most important symptoms and effects, both acute and delayed

- Risks : Causes skin irritation.
Causes serious eye damage.

4.3 Indication of any immediate medical attention and special treatment needed

- Treatment : Treat symptomatically and supportively.

SECTION 5: Firefighting measures

5.1 Extinguishing media

- Suitable extinguishing media : Foam
Water spray jet
Alcohol-resistant foam
Carbon dioxide (CO₂)
Dry chemical

- Unsuitable extinguishing media : High volume water jet

5.2 Special hazards arising from the substance or mixture

- Specific hazards during fire-fighting : Contact with incompatible materials or exposure to temperatures exceeding SADT may result in a self-accelerating decomposition reaction with release of flammable vapors which may auto-ignite.
Do not allow run-off from fire fighting to enter drains or water courses.
Cool closed containers exposed to fire with water spray.

5.3 Advice for firefighters

- Special protective equipment : Wear self-contained breathing apparatus for firefighting if nec-

SAFETY DATA SHEET

according to Regulation (EC) No. 1907/2006, as amended by
Commission Regulation (EU) 2020/878



CP

Version	Revision Date:	SDS Number:	Date of last issue: 13.07.2023
2.6	13.03.2024	600000000018	Date of first issue: 05.07.2016

- for firefighters : essary. Use personal protective equipment.
- Specific extinguishing methods : Do not use a solid water stream as it may scatter and spread fire.
Remove undamaged containers from fire area if it is safe to do so.
Use water spray to cool unopened containers.
- Further information : Use extinguishing measures that are appropriate to local circumstances and the surrounding environment.
Use a water spray to cool fully closed containers.
Collect contaminated fire extinguishing water separately. This must not be discharged into drains.
Fire residues and contaminated fire extinguishing water must be disposed of in accordance with local regulations.

SECTION 6: Accidental release measures

6.1 Personal precautions, protective equipment and emergency procedures

- Personal precautions : Follow safe handling advice and personal protective equipment recommendations.
Use personal protective equipment.
Avoid dust formation.
Avoid breathing dust.
Remove all sources of ignition.
Never return spills in original containers for re-use.
Treat recovered material as described in the section "Disposal considerations".

6.2 Environmental precautions

- Environmental precautions : Prevent product from entering drains.
Prevent further leakage or spillage if safe to do so.
If the product contaminates rivers and lakes or drains inform respective authorities.

6.3 Methods and material for containment and cleaning up

- Methods for cleaning up : Contact with incompatible materials or exposure to temperatures exceeding SADT may result in a self-accelerating decomposition reaction with release of flammable vapors which may auto-ignite.
Clear spills immediately.
Suppress (knock down) gases/vapours/mists with a water spray jet.
To clean the floor and all objects contaminated by this material, use plenty of water.
Soak up with inert absorbent material.
Isolate waste and do not reuse.
Non-sparking tools should be used.

SAFETY DATA SHEET

according to Regulation (EC) No. 1907/2006, as amended by
Commission Regulation (EU) 2020/878



CP

Version	Revision Date:	SDS Number:	Date of last issue: 13.07.2023
2.6	13.03.2024	600000000018	Date of first issue: 05.07.2016

Local or national regulations may apply to releases and disposal of this material, as well as those materials and items employed in the cleanup of releases. You will need to determine which regulations are applicable.

6.4 Reference to other sections

See sections: 7, 8, 11, 12 and 13.

SECTION 7: Handling and storage

7.1 Precautions for safe handling

- Technical measures : See Engineering measures under EXPOSURE CONTROLS/PERSONAL PROTECTION section.
- Advice on safe handling : Avoid formation of respirable particles.
Protect from contamination.
Do not swallow.
Do not breathe vapours/dust.
Avoid contact with skin and eyes.
Take precautionary measures against static discharges.
Never return any product to the container from which it was originally removed.
Provide sufficient air exchange and/or exhaust in work rooms.
Avoid confinement.
Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking.
Smoking, eating and drinking should be prohibited in the application area.
Wash thoroughly after handling.
For personal protection see section 8.
- Advice on protection against fire and explosion : Keep away from combustible material. Avoid dust formation.
Provide appropriate exhaust ventilation at places where dust is formed.
- Hygiene measures : Avoid contact with skin, eyes and clothing. Keep away from food and drink. When using do not eat or drink. When using do not smoke. Wash hands before breaks and immediately after handling the product.

7.2 Conditions for safe storage, including any incompatibilities

- Requirements for storage areas and containers : Store in original container. Keep in a dry place. Store in accordance with the particular national regulations. Avoid impurities (e.g. rust, dust, ash), risk of decomposition. Electrical installations / working materials must comply with the technological safety standards. Containers which are opened must be carefully resealed and kept upright to prevent leakage.
- Advice on common storage : Never allow product to get in contact with water during stor-

SAFETY DATA SHEET

according to Regulation (EC) No. 1907/2006, as amended by
Commission Regulation (EU) 2020/878



CP

Version	Revision Date:	SDS Number:	Date of last issue: 13.07.2023
2.6	13.03.2024	600000000018	Date of first issue: 05.07.2016

age.

Keep away from strong acids, bases, heavy metal salts and other reducing substances.

Recommended storage temperature : < 30 °C

Further information on storage stability : Stable under recommended storage conditions.

7.3 Specific end use(s)

Specific use(s) : For further information, refer to the product technical data sheet.

SECTION 8: Exposure controls/personal protection

8.1 Control parameters

Contains no substances with occupational exposure limit values.

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

Substance name	End Use	Exposure routes	Potential health effects	Value
hydrogen peroxide--urea	Workers	Inhalation	Long-term systemic effects	20.1 mg/m3
	Workers	Skin contact	Long-term systemic effects	1.15 mg/m3

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

Substance name	Environmental Compartment	Value
hydrogen peroxide--urea	Fresh water	0.036 mg/l
	Marine water	0.036 mg/l
	Sewage treatment plant	12.86 mg/l
	Fresh water sediment	0.13 mg/kg
	Marine sediment	0.13 mg/kg
	Soil	0.005 mg/kg

8.2 Exposure controls

Engineering measures

Minimize workplace exposure concentrations.

Personal protective equipment

Eye/face protection : Ensure that eyewash stations and safety showers are close to the workstation location.
Please follow all applicable local/national requirements when selecting protective measures for a specific workplace.
Always wear eye protection when the potential for inadvertent eye contact with the product cannot be excluded.
Tightly fitting safety goggles

SAFETY DATA SHEET

according to Regulation (EC) No. 1907/2006, as amended by
Commission Regulation (EU) 2020/878



CP

Version	Revision Date:	SDS Number:	Date of last issue: 13.07.2023
2.6	13.03.2024	600000000018	Date of first issue: 05.07.2016

Please wear suitable protective goggles. Also wear face protection if there is a splash hazard.

Equipment should conform to EN 166

Hand protection

Material : butyl-rubber
Break through time : 480 min
Glove thickness : 0.47 mm
Directive : Equipment should conform to EN 374

Material : Nitrile rubber
Break through time : 480 min
Glove thickness : 0.20 mm
Directive : Equipment should conform to EN 374

Remarks : The data about break through time/strength of material are standard values! The exact break through time/strength of material has to be obtained from the producer of the protective glove. Choose gloves to protect hands against chemicals depending on the concentration and quantity of the hazardous substance and specific to place of work. For special applications, we recommend clarifying the resistance to chemicals of the aforementioned protective gloves with the glove manufacturer. Wash hands before breaks and at the end of workday.

Skin and body protection : Select appropriate protective clothing based on chemical resistance data and an assessment of the local exposure potential.
Additional body garments should be used based upon the task being performed (e.g., sleevelets, apron, gauntlets, disposable suits) to avoid exposed skin surfaces.
Wear as appropriate:
Flame retardant antistatic protective clothing.

Respiratory protection : In the case of dust or aerosol formation use respirator with an approved filter.
Respirator with combination filter for vapour/particulate (EN 141)

Filter type : Filter type P

Protective measures : The type of protective equipment must be selected according to the concentration and amount of the dangerous substance at the specific workplace.

SAFETY DATA SHEET

according to Regulation (EC) No. 1907/2006, as amended by
Commission Regulation (EU) 2020/878



CP

Version	Revision Date:	SDS Number:	Date of last issue: 13.07.2023
2.6	13.03.2024	600000000018	Date of first issue: 05.07.2016

SECTION 9: Physical and chemical properties

9.1 Information on basic physical and chemical properties

Physical state	:	crystalline
Colour	:	white
Odour	:	characteristic
Odour Threshold	:	No data available
Melting point/range	:	ca. 72.5 °C Decomposition
Initial boiling point and boiling range	:	Not applicable Decomposition
Flammability	:	does not ignite, not auto-flammable
Upper explosion limit / Upper flammability limit	:	Upper explosion limit No data available
Lower explosion limit / Lower flammability limit	:	Lower explosion limit No data available
Flash point	:	Not applicable
Auto-ignition temperature	:	not determined Decomposition
Self-Accelerating decomposition temperature (SADT)	:	60 °C Method: UN-Test H.4 SADT-Self Accelerating Decomposition Temperature. Lowest temperature at which the tested package size will undergo a self-accelerating decomposition reaction.
pH	:	5.2 Concentration: 100 g/l

SAFETY DATA SHEET

according to Regulation (EC) No. 1907/2006, as amended by
Commission Regulation (EU) 2020/878



CP

Version	Revision Date:	SDS Number:	Date of last issue: 13.07.2023
2.6	13.03.2024	600000000018	Date of first issue: 05.07.2016

Viscosity

Viscosity, dynamic : Not applicable

Viscosity, kinematic : Not applicable

Solubility(ies)

Water solubility : 500 g/l (20 °C)
soluble

Partition coefficient: n-
octanol/water : log Pow: 0.09 (25 °C)

Dispersion Stability : not determined

Vapour pressure : No data available

Relative density : not determined

Density : not determined

Bulk density : ca. 650 kg/m³

Relative vapour density : not determined

Particle characteristics

Assessment : This substance/ mixture does not contain nanoforms
based on: Measurement data

Particle size : not determined

Particle Size Distribution : D10 = 171 µm
Type of distribution: volume distribution
Measurement technique: laser diffraction

Dustiness : Avoid dust formation.

Shape : not determined

SAFETY DATA SHEET

according to Regulation (EC) No. 1907/2006, as amended by
Commission Regulation (EU) 2020/878



CP

Version	Revision Date:	SDS Number:	Date of last issue: 13.07.2023
2.6	13.03.2024	600000000018	Date of first issue: 05.07.2016

Crystallinity : not determined

Surface treatment : Not applicable
/Coatings

9.2 Other information

Explosives : Not explosive
Avoid dust formation.

Oxidizing properties : The substance or mixture is classified as oxidizing with the category 3.

Self-ignition : The substance or mixture is not classified as pyrophoric.

Self-heating substances : The substance or mixture is not classified as self heating.

Substances and mixtures, which in contact with water, emit flammable gases : The substance or mixture does not emit flammable gases in contact with water.

Desensitised explosives : Not applicable

Evaporation rate : Not applicable

SECTION 10: Stability and reactivity

10.1 Reactivity

Stable under recommended storage conditions.
May intensify fire; oxidizer.

10.2 Chemical stability

Stable under recommended storage conditions.
No decomposition if stored normally.

10.3 Possibility of hazardous reactions

Hazardous reactions : Dust may form explosive mixture in air.

SAFETY DATA SHEET

according to Regulation (EC) No. 1907/2006, as amended by
Commission Regulation (EU) 2020/878



CP

Version	Revision Date:	SDS Number:	Date of last issue: 13.07.2023
2.6	13.03.2024	600000000018	Date of first issue: 05.07.2016

10.4 Conditions to avoid

Conditions to avoid : Protect from contamination.
Protect from moisture.

10.5 Incompatible materials

Materials to avoid : Accelerators, strong acids and bases, heavy metals and heavy metal salts, reducing agents

10.6 Hazardous decomposition products

Irritant, caustic, flammable, noxious/toxic gases and vapours can develop in the case of fire and decomposition

SECTION 11: Toxicological information

11.1 Information on hazard classes as defined in Regulation (EC) No 1272/2008

Acute toxicity

Not classified due to lack of data.

Product:

Acute oral toxicity : LD50 (Rat): > 2,000 mg/kg
Method: OECD Test Guideline 423
Assessment: The substance or mixture has no acute oral toxicity
Remarks: Not classified due to data which are conclusive although insufficient for classification.

Acute inhalation toxicity : Remarks: No data available
study scientifically unjustified

Acute dermal toxicity : LD50 (Rabbit): > 2,000 mg/kg
Method: Expert judgement
Assessment: The substance or mixture has no acute dermal toxicity
Remarks: Not classified due to data which are conclusive although insufficient for classification.
Based on data from similar materials

Components:

hydrogen peroxide–urea:

Acute oral toxicity : LD50 (Rat): > 2,000 mg/kg
Method: OECD Test Guideline 423
Assessment: The substance or mixture has no acute oral toxicity
Remarks: Not classified due to data which are conclusive although insufficient for classification.

SAFETY DATA SHEET

according to Regulation (EC) No. 1907/2006, as amended by
Commission Regulation (EU) 2020/878



CP

Version	Revision Date:	SDS Number:	Date of last issue: 13.07.2023
2.6	13.03.2024	600000000018	Date of first issue: 05.07.2016

Acute inhalation toxicity : Remarks: No data available
study scientifically unjustified

Acute dermal toxicity : LD50 (Rabbit): > 2,000 mg/kg
Method: Expert judgement
Assessment: The substance or mixture has no acute dermal
toxicity
Remarks: Not classified due to data which are conclusive
although insufficient for classification.
Based on data from similar materials

Skin corrosion/irritation

Causes skin irritation.

Product:

Species : reconstructed human epidermis (RhE)
Method : OECD Test Guideline 439
Result : Skin irritation

Remarks : Extremely corrosive and destructive to tissue.

Components:

hydrogen peroxide--urea:

Species : reconstructed human epidermis (RhE)
Method : OECD Test Guideline 439
Result : Skin irritation

Serious eye damage/eye irritation

Causes serious eye damage.

Product:

Species : Bovine cornea
Method : OECD Test Guideline 437
Result : Risk of serious damage to eyes.

Remarks : May cause irreversible eye damage.

Components:

hydrogen peroxide--urea:

Species : Bovine cornea
Method : OECD Test Guideline 437
Result : Risk of serious damage to eyes.

SAFETY DATA SHEET

according to Regulation (EC) No. 1907/2006, as amended by
Commission Regulation (EU) 2020/878



CP

Version	Revision Date:	SDS Number:	Date of last issue: 13.07.2023
2.6	13.03.2024	600000000018	Date of first issue: 05.07.2016

Respiratory or skin sensitisation

Skin sensitisation

Based on available data, the classification criteria are not met.

Respiratory sensitisation

Not classified due to lack of data.

Product:

Exposure routes : Skin contact
Result : Does not cause skin sensitisation.
Remarks : Based on available data, the classification criteria are not met.

Components:

hydrogen peroxide--urea:

Exposure routes : Skin contact
Result : Does not cause skin sensitisation.
Remarks : Based on available data, the classification criteria are not met.

Germ cell mutagenicity

Not classified due to lack of data.

Product:

Genotoxicity in vitro : Test Type: Ames test
Result: positive

Genotoxicity in vivo : Test Type: in vivo assay
Result: negative
Remarks: In vivo tests did not show mutagenic effects

Components:

hydrogen peroxide--urea:

Genotoxicity in vitro : Test Type: Ames test
Result: positive

Genotoxicity in vivo : Test Type: in vivo assay
Result: negative
Remarks: In vivo tests did not show mutagenic effects

Carcinogenicity

Not classified due to lack of data.

Product:

Remarks : This information is not available.

SAFETY DATA SHEET

according to Regulation (EC) No. 1907/2006, as amended by
Commission Regulation (EU) 2020/878



CP

Version	Revision Date:	SDS Number:	Date of last issue: 13.07.2023
2.6	13.03.2024	600000000018	Date of first issue: 05.07.2016

Components:

hydrogen peroxide--urea:

Remarks : This information is not available.

Reproductive toxicity

Not classified due to lack of data.

Components:

hydrogen peroxide--urea:

Effects on fertility : Remarks: No data available

Effects on foetal development : Remarks: No data available

STOT - single exposure

Not classified due to lack of data.

STOT - repeated exposure

Not classified due to lack of data.

Repeated dose toxicity

Product:

Species : Mouse
NOAEL : 71.8 mg/kg
Application Route : Oral

Species : Rat
NOAEL : 338.4 mg/kg
Application Route : Skin contact

Components:

hydrogen peroxide--urea:

Species : Mouse
NOAEL : 71.8 mg/kg
Application Route : Oral

Species : Rat
NOAEL : 338.4 mg/kg
Application Route : Skin contact

Aspiration toxicity

Not classified due to lack of data.

Product:

No data available

SAFETY DATA SHEET

according to Regulation (EC) No. 1907/2006, as amended by
Commission Regulation (EU) 2020/878



CP

Version	Revision Date:	SDS Number:	Date of last issue: 13.07.2023
2.6	13.03.2024	600000000018	Date of first issue: 05.07.2016

Components:

hydrogen peroxide--urea:

No data available

11.2 Information on other hazards

Endocrine disrupting properties

Product:

Assessment : The substance/mixture does not contain components considered to have endocrine disrupting properties according to REACH Article 57(f) 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 : LC50 : 37.4 mg/l
Exposure time: 96 h

Toxicity to daphnia and other aquatic invertebrates : EC50 (Daphnia (water flea)): 5.6 mg/l
Exposure time: 48 h

Toxicity to algae/aquatic plants : NOEC (algae): 6.8 mg/l
Exposure time: 72 h

Toxicity to microorganisms : EC10 : 11 mg/l
End point: Growth rate
Exposure time: 18 h

Components:

hydrogen peroxide--urea:

Toxicity to fish : LC50 : 37.4 mg/l
Exposure time: 96 h

Toxicity to daphnia and other : EC50 (Daphnia (water flea)): 5.6 mg/l

SAFETY DATA SHEET

according to Regulation (EC) No. 1907/2006, as amended by
Commission Regulation (EU) 2020/878



CP

Version	Revision Date:	SDS Number:	Date of last issue: 13.07.2023
2.6	13.03.2024	600000000018	Date of first issue: 05.07.2016

aquatic invertebrates	Exposure time: 48 h
Toxicity to algae/aquatic plants	: NOEC (algae): 6.8 mg/l Exposure time: 72 h
Toxicity to microorganisms	: EC10 : 11 mg/l End point: Growth rate Exposure time: 18 h

12.2 Persistence and degradability

Product:

Biodegradability : Result: Readily biodegradable.

Components:

hydrogen peroxide--urea:

Biodegradability : Result: Readily biodegradable.

12.3 Bioaccumulative potential

Components:

hydrogen peroxide--urea:

Partition coefficient: n-octanol/water : log Pow: 0.09 (25 °C)

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 to be either persistent, bioaccumulative and toxic (PBT), or very persistent and very bioaccumulative (vPvB) at levels of 0.1% or higher.

12.6 Endocrine disrupting properties

Product:

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

SAFETY DATA SHEET

according to Regulation (EC) No. 1907/2006, as amended by
Commission Regulation (EU) 2020/878



CP

Version	Revision Date:	SDS Number:	Date of last issue: 13.07.2023
2.6	13.03.2024	600000000018	Date of first issue: 05.07.2016

12.7 Other adverse effects

Product:

Additional ecological information : An environmental hazard cannot be excluded in the event of unprofessional handling or disposal.
Toxic to aquatic life.

SECTION 13: Disposal considerations

13.1 Waste treatment methods

Product : Dispose of wastes in an approved waste disposal facility.
The product should not be allowed to enter drains, water courses or the soil.
Do not contaminate ponds, waterways or ditches with chemical or used container.

According to the European Waste Catalogue, Waste Codes are not product specific, but application specific.
Waste codes should be assigned by the user, preferably in discussion with the waste disposal authorities.

Contaminated packaging : Dispose of in accordance with local regulations.
Clean container with water.
Dispose of contents/ container to an approved waste disposal plant.
Empty remaining contents.
Dispose of as unused product.
Do not re-use empty containers.
Do not burn, or use a cutting torch on, the empty drum.

SECTION 14: Transport information

14.1 UN number or ID number

ADR : UN 1511
RID : UN 1511
IMDG : UN 1511
IATA : UN 1511

14.2 UN proper shipping name

ADR : UREA HYDROGEN PEROXIDE
RID : UREA HYDROGEN PEROXIDE
IMDG : UREA HYDROGEN PEROXIDE

SAFETY DATA SHEET

according to Regulation (EC) No. 1907/2006, as amended by
Commission Regulation (EU) 2020/878



CP

Version	Revision Date:	SDS Number:	Date of last issue: 13.07.2023
2.6	13.03.2024	600000000018	Date of first issue: 05.07.2016

Marine pollutant : no

14.6 Special precautions for user

The transport classification(s) provided herein are for informational purposes only, and solely based upon the properties of the unpackaged material as it is described within this Safety Data Sheet. Transportation classifications may vary by mode of transportation, package sizes, and variations in regional or country regulations.

14.7 Maritime transport in bulk according to IMO instruments

Not applicable for product as supplied.

SECTION 15: Regulatory information

15.1 Safety, health and environmental regulations/legislation specific for 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 Authorisation (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 the Council concerning the export and import of dangerous chemicals : Not applicable

REACH - List of substances subject to authorisation (Annex XIV) : Not applicable

Regulation (EU) 2019/1148 on the marketing and use of explosives precursors

Acquisition, introduction, possession or use of this product by the general public is restricted by Regulation (EU) 2019/1148. All suspicious transactions, and significant disappearances and thefts should be reported to the relevant national contact point. hydrogen peroxide--urea (ANNEX I)

SAFETY DATA SHEET

according to Regulation (EC) No. 1907/2006, as amended by
Commission Regulation (EU) 2020/878



CP

Version	Revision Date:	SDS Number:	Date of last issue: 13.07.2023
2.6	13.03.2024	600000000018	Date of first issue: 05.07.2016

Seveso III: Directive 2012/18/EU of the European Parliament and of the Council on the control of major-accident hazards involving dangerous substances. P8 OXIDIZING LIQUIDS AND SOLIDS

The components of this product are reported in the following inventories:

- TCSI (TW) : On the inventory, or in compliance with the inventory
- TSCA (US) : All substances listed as active on the TSCA inventory
- AIC (AU) : On the inventory, or in compliance with the inventory
- DSL (CA) : This product contains the following components listed on the Canadian NDSL. All other components are on the Canadian DSL.
hydrogen peroxide--urea
- KECI (KR) : On the inventory, or in compliance with the inventory
- PICCS (PH) : On the inventory, or in compliance with the inventory
- IECSC (CN) : On the inventory, or in compliance with the inventory
- NZIoC (NZ) : On the inventory, or in compliance with the inventory

15.2 Chemical safety assessment

A Chemical Safety Assessment has been carried out for this substance.

SECTION 16: Other information

Further information

- Other information : This safety datasheet only contains information relating to safety and does not replace any product information or product specification.
These safety instructions also apply to empty packaging which may still contain product residues.
The hazards on the label also apply to residues in the container.
- Sources of key data used to compile the Safety Data Sheet : Internal technical data, data from raw material SDSs, OECD eChem Portal search results and European Chemicals Agency, <http://echa.europa.eu/>

SAFETY DATA SHEET

according to Regulation (EC) No. 1907/2006, as amended by
Commission Regulation (EU) 2020/878



CP

Version	Revision Date:	SDS Number:	Date of last issue: 13.07.2023
2.6	13.03.2024	600000000018	Date of first issue: 05.07.2016

Full text of other abbreviations

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 the Testing of Materials; bw - Body weight; CLP - Classification Labelling Packaging Regulation; Regulation (EC) No 1272/2008; CMR - Carcinogen, Mutagen or Reproductive Toxicant; DIN - Standard of the German Institute for Standardisation; DSL - Domestic Substances List (Canada); ECHA - European Chemicals Agency; EC-Number - European Community number; ECx - Concentration associated with x% response; ELx - Loading rate associated with x% response; EmS - Emergency Schedule; ENCS - Existing and New Chemical Substances (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 maximal inhibitory concentration; ICAO - International Civil Aviation Organization; IECSC - Inventory of Existing Chemical Substances in China; IMDG - International Maritime Dangerous Goods; IMO - International Maritime Organization; ISHL - Industrial Safety and Health Law (Japan); ISO - International Organisation for Standardization; KECI - Korea Existing Chemicals Inventory; LC50 - Lethal Concentration to 50 % of a test population; LD50 - Lethal Dose to 50% of a test population (Median Lethal Dose); MARPOL - International Convention for the Prevention of Pollution from Ships; n.o.s. - Not Otherwise Specified; NO(A)EC - No Observed (Adverse) Effect Concentration; NO(A)EL - No Observed (Adverse) Effect Level; NOELR - No Observable Effect Loading Rate; NZIoC - New Zealand Inventory of Chemicals; OECD - Organization for Economic Co-operation and Development; OPPTS - Office of Chemical Safety and Pollution Prevention; PBT - Persistent, Bioaccumulative and Toxic substance; PICCS - Philippines Inventory of Chemicals and Chemical Substances; (Q)SAR - (Quantitative) Structure Activity Relationship; REACH - Regulation (EC) No 1907/2006 of the European Parliament and of the Council concerning the Registration, Evaluation, Authorisation and Restriction of Chemicals; RID - Regulations concerning the International Carriage of Dangerous Goods by Rail; SADT - Self-Accelerating Decomposition Temperature; SDS - Safety Data Sheet; SVHC - Substance of Very High Concern; TCSI - Taiwan Chemical Substance Inventory; TECL - Thailand Existing Chemicals Inventory; TRGS - Technical Rule for Hazardous Substances; TSCA - Toxic Substances Control Act (United States); UN - United Nations; vPvB - Very Persistent and Very Bioaccumulative

Disclaimer

The information provided in this Safety Data Sheet is correct to the best of our knowledge, information and belief at the date of its publication. The information given is designed only as a guidance for safe handling, use, processing, storage, transportation, disposal and release and is not to be considered a warranty or quality specification. The information relates only to the specific material designated and may not be valid for such material used in combination with any other materials or in any process, unless specified in the text.

IE / EN

SAFETY DATA SHEET

according to Regulation (EC) No. 1907/2006, as amended by
Commission Regulation (EU) 2020/878



CP

Version	Revision Date:	SDS Number:	Date of last issue: 13.07.2023
2.6	13.03.2024	600000000018	Date of first issue: 05.07.2016
