

CARLYCOOL

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

1.1 - Product identifier

Trade name/designation CARLYCOOL
Chemical name
Product-type Mixture
UFI: 1X0C-S7HF-9V1G-28H3

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

Relevant identified uses
- Professional uses
- Calories discharger

1.3 - Details of the supplier of the safety data sheet

CARLY RCS
Z.I. DE BRAILLE
69380 LISSIEU France
Telephone : +33 (0)4 78 47 61 20
Website info@carly-sa.com www.carly-sa.com

1.4 - Emergency telephone number

-United Kingdom : + 0344 892 011 National Poisons Information Service (Birmingham Centre) City Hospital -
Dudley Road - B18 7QH Birmingham
- ORFILA (INRS) + 33 (0)1 45 42 59 59 France

SECTION 2: Hazards identification

2.1 - Classification of the substance or mixture

Classification according to Regulation (EC) No 1272/2008 [CLP]

Not Classified	Not classified
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2.2 - Label elements

Labelling according to Regulation (EC) No. 1272/2008 [CLP]

Signal word : None
Pictograms : None
Hazard statements : None
Precautionary statements : None
EUH-phrases

EUH208	Contains sodium N-(hydroxymethyl)glycinate (70161-44-3). May produce an allergic reaction
EUH210	Safety data sheet available on request

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2.3 - Other hazards

PBT-substance. - The substances in the mixture do not meet the PBT/vPvB criteria according to REACH, annex XIII.

vPvB-substance. - The substances in the mixture do not meet the PBT/vPvB criteria according to REACH, annex XIII.

SECTION 3: Composition / information on ingredients

3.1 - Substances

Not applicable

3.2 - Mixtures

Chemical name	No	%	Class	Spec. concentrations
sodium N-(hydroxymethyl)glycinate	CAS No. : 70161-44-3 Index No. : EC No. : 274-357-8	0,1 - 1	Acute Tox. 4 Inhalation - H332 Eye Irrit. 2 - H319 Skin Irrit. 2 - H315 Skin Sens. 1 - H317	Not applicable
Formaldehyde	REACH #: 01-2119488953-20 CE: 200-001-8 CAS: 50-00-0 Index: 605-001-00-5	< 0,03	Acute Tox. 3, H301 Acute Tox. 3, H311 Acute Tox. 2, H330 Skin Corr. 1B, H314 Eye Dam. 1, H318 Skin Sens. 1, H317 Muta. 2, H341 Carc. 1B, H350 STOT SE 3, H335	Skin Corr. 1B - H314 : 25>=%<=100 Skin Irrit. 2 - H315 : 5>=%<25 Eye Irrit. 2 - H319 : 5>=%<25 STOT SE 3 (H335) - H335 : 5>=%<=100 Skin Sens. 1 - H317 : 0,2>=%<=100

SECTION 4: First aid measures

4.1 - Description of first aid measures

Following inhalation - Provide fresh air.

Following skin contact - After contact with skin, wash immediately with plenty of water and soap.
- When in doubt or if symptoms are observed, get medical advice.

After eye contact - Rinse immediately carefully and thoroughly with eye-bath or water.
- In case of eye irritation consult an ophthalmologist.

After ingestion - Rinse mouth thoroughly with water.
- Do NOT induce vomiting.
- When in doubt or if symptoms are observed, get medical advice.

4.2 - Most important symptoms and effects, both acute and delayed

Symptoms and effects - Following inhalation - No known symptoms to date.

Symptoms and effects - Following skin contact - The following symptoms may occur: Allergic reactions

Symptoms and effects - After eye contact - The following symptoms may occur: Impairment of vision

Symptoms and effects - After ingestion - No known symptoms to date.

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4.3 - Indication of any immediate medical attention and special treatment needed

- Treat symptomatically.

SECTION 5: Firefighting measures

5.1 - Extinguishing media

Suitable extinguishing media

- ABC-powder
- Carbon dioxide (CO₂)
- Foam
- Extinguishing powder

Unsuitable extinguishing media

- Full water jet

5.2 - Special hazards arising from the substance or mixture

Special hazards arising from the substance or mixture

- Thermal decomposition can lead to the escape of irritating gases and vapours.

5.3 - Advice for firefighters

- Co-ordinate fire-fighting measures to the fire surroundings.

SECTION 6: Accidental release measures

6.1 - Personal precautions, protective equipment and emergency procedures

For non-emergency personnel

- Use personal protection equipment.

For emergency responders

- Wear personal protection equipment (refer to section 8).

6.2 - Environmental precautions

- Do not allow to enter into surface water or drains.

6.3 - Methods and material for containment and cleaning up

Methods and material for containment

- Absorb with liquid-binding material (sand, diatomaceous earth, acid- or universal binding agents).

Methods and material for cleaning up

- Absorb with liquid-binding material (e.g. sand, diatomaceous earth, acid- or universal binding agents).
- Wash with plenty of water.

Inappropriate techniques

- No further relevant information available.

6.4 - Reference to other sections

- Disposal: see section 13
- Personal protection equipment: see section 8

SECTION 7: Handling and storage

7.1 - Precautions for safe handling

Recommendation

- No special technical protective measures are necessary.

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Advices on general occupational hygiene

- Avoid contact with skin, eyes and clothes.
- Thorough skin-cleansing after handling the product.
- Used working clothes should not be worn outside the work area.

7.2 - Conditions for safe storage, including any incompatibilities

- Keep/Store only in original container.
- Protect against: Frost

7.3 - Specific end use(s)

- Observe technical data sheet.

SECTION 8: Exposure controls/personal protection

8.1 - Control parameters

8.2 - Exposure controls

Appropriate engineering controls

- See section 7. No additional measures necessary.

Individual protection measures, such as personal protective equipment

- Wear protective gloves/protective clothing and eye/face protection.

Environmental exposure controls

- See section 7. No additional measures necessary.

SECTION 9: Physical and chemical properties

9.1 - Information on basic physical and chemical properties

<u>Physical state</u>	Liquid	<u>Appearance</u>	Gel
<u>Colour</u>	whitish	<u>Odour</u>	Vanille
Odour threshold		not determined	
pH		7	
Melting point		0 °C not determined	
Freezing point		not determined	
Boiling point		100 °C	
Flash point		not applicable	
Evaporation rate		not determined	
flammability		not applicable	
Lower explosion limit		not applicable	
Upper explosion limit		not applicable	
Vapour pressure		not applicable	
Vapour density		No data available	
Relative density		not determined	
Density		1300 kg/m ³	
Solubility (Water)		miscible	
Solubility (Ethanol)		miscible	
Solubility (Acetone)		miscible	

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Solubility (Organic solvents)	practically insoluble
Log KOC	not determined
Auto-ignition temperature	not applicable
Decomposition temperature	not determined
Kinematic viscosity	not determined
Dynamic viscosity	not determined

9.2 - Other information

VOC content	< 1 %
Minimum ignition energy	not applicable
Conductivity	not determined

SECTION 10: Stability and reactivity

10.1 - Reactivity

- This material is considered to be non-reactive under normal use conditions.

10.2 - Chemical stability

- The product is chemically stable under recommended conditions of storage, use and temperature.

10.3 - Possibility of hazardous reactions

- No hazardous reaction when handled and stored according to provisions.

10.4 - Conditions to avoid

- Avoid:
- Frost

10.5 - Incompatible materials

- Highly oxidising substances

10.6 - Hazardous decomposition products

- Does not decompose when used for intended uses.

SECTION 11: Toxicological information

11.1 - Information on toxicological effects

Acute toxicity - Not classified

Toxicity : Mixture

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

Skin corrosion/irritation - Not classified

Serious eye damage/eye irritation - Not classified

Respiratory or skin sensitisation - Not classified

- May cause sensitization by skin contact.

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<u>Germ cell mutagenicity</u>	- Not classified
<u>Carcinogenicity</u>	- Not classified
<u>Reproductive toxicity</u>	- Not classified
<u>STOT-single exposure</u>	- Not classified
<u>STOT-repeated exposure</u>	- Not classified
<u>Aspiration hazard</u>	- Not classified

SECTION 12: Ecological information

12.1 - Toxicity

Toxicity : Mixture

- The substance/mixture does not fulfill the criteria of the acute aquatic toxicity according to Regulation (EC) No 1272/2008 [CLP], Annex I.

12.2 - Persistence and degradability

Biochemical oxygen demand (BOD)	not determined
Chemical oxygen demand (COD)	not determined
% of biodegradation in 28 days	> 98 %

- The single components are biodegradable.

12.3 - Bioaccumulative potential

Bioconcentration factor (BCF)	No data available
Log KOC	not determined

- No indication of bioaccumulation potential.

12.4 - Mobility in soil

- No further relevant information available.

12.5 - Results of PBT and vPvB assessment

- The substances in the mixture do not meet the PBT/vPvB criteria according to REACH, annex XIII.

- The substances in the mixture do not meet the PBT/vPvB criteria according to REACH, annex XIII.

12.6 - Other adverse effects

- The substance has no ozone depleting potential.

SECTION 13: Disposal considerations

13.1 - Waste treatment methods

<u>Waste treatment methods</u>	- Dispose of waste according to applicable legislation.
<u>Sewage disposal</u>	- Observe local regulations concerning effluent treatment.
<u>Special precautions for waste treatment</u>	- Delivery to an approved waste disposal company.
<u>Community or national or regional provisions</u>	- No information available.

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- Dispose according to legislation.

SECTION 14: Transport information

14.1 - UN number

Not applicable.

14.2 - UN proper shipping name

14.3 - Transport hazard class(es)

14.4 - Packing group

14.5 - Environmental hazards

14.6 - Special precautions for user

14.7 - Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code

- Not applicable.

SECTION 15: Regulatory information

15.1 - Safety, health and environmental regulations/legislation specific for the substance or mixture

Substances REACH candidates None

Substances Annex XIV None

Substances Annex XVII None

VOC content < 1 %

15.2 - Chemical Safety Assessment

Chemical safety assessment carried out for the product - The evaluation was carried out according to the calculation method.

SECTION 16: Other information

SDS versions

Version	Issue date	Description of the amendments
1	07/12/2020	

The above information describes exclusively the safety requirements of the product and is based on our present-day knowledge. The information is intended to give you advice about the safe handling of the product named in this safety data sheet, for storage, processing, transport and disposal. The information cannot be transferred to other products. In the case of mixing the product with other products or in the case of processing, the information on this safety data sheet is not necessarily valid for the new made-up material.

literature infomation <http://echa.europa.eu/en/>

Data sources: ECHA - European Chemicals Agency.

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Texts of the regulatory sentences

Acute Tox. 4 Inhalation	Acute toxicity (inhalative) - Category 4
Eye Irrit. 2	Eye irritation - Category 2
Not Classified	Not classified
Skin Irrit. 2	Irritation, Category 2
Skin Sens. 1	Skin sensitization - Category 1

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