

CARLYCLEAN

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

1.1 - Product identifier

Trade name/designation CARLYCLEAN
Chemical name
Product-type Mixture
UFI: NXMQ-T6XM-9V19-NMEG

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

Relevant identified uses

- Heat exchanger detergent for refrigerating and air conditioning systems
- Professional uses

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 National Poisons Information Service
(Birmingham Centre) - City Hospital - Dudley Road; - B18 7QH Birmingham
0844 892 0111 (UK only, Monday to Friday, 08.00 to 18.00 hours)
UNITED KINGDOM Guy's & St Thomas' Poisons Unit
Medical Toxicology Unit, Guy's & St Thomas' Hospital Trust- Avonley Road - SE14 5ER London
0870 243 2241

SECTION 2: Hazards identification

2.1 - Classification of the substance or mixture

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

Skin Irrit. 2	Irritation, Category 2
Eye Irrit. 2	Eye irritation - Category 2

2.2 - Label elements

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

Signal word : Warning

Hazard pictograms



Hazard statements

H315	Causes skin irritation
H319	Causes serious eye irritation

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Precautionary statements

P264	Wash hands thoroughly after handling.
P280	Wear protective gloves, protective clothing, eye protection, face protection.
P302+P352	IF ON SKIN: Wash with plenty of water.
P305+P351+P338	IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
P321	Specific treatment (see information on this label).
P332+P313	If skin irritation occurs: Get medical advice/attention.
P337+P313	If eye irritation persists: Get medical advice/attention.
P362+P364	Take off contaminated clothing and wash it before reuse.

EUH-phrases

EUH208	Contains (R)-p-mentha-1,8-diene, d-limonene (5989-27-5) . May produce an allergic reaction
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Regulation (EC) No. 648/2004 (Detergents regulation)

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.

Other hazards which do not result in classification - No further relevant information available.

SECTION 3: Composition / information on ingredients

3.1 - Substances

Not applicable

3.2 - Mixtures

Chemical name	No	%	Class	Spec. concentrations
2-butoxyethanol, ethylene glycol monobutyl ether, butyl cellosolve	CAS No. : 111-76-2 Index No. : 603-014-00-0 EC No. : 203-905-0	1 - 10	Acute Tox. 4 Dermal - H312 Acute Tox. 4 Inhalation - H332 Acute Tox. 4 Oral - H302 Eye Irrit. 2 - H319 Skin Irrit. 2 - H315	Not applicable
Benzenesulfonic acid, 4-C10-13-sec-alkyl derivs.	CAS No. : 85536-14-7 Index No. : EC No. : 287-494-3	1 - 10	Acute Tox. 4 Oral - H302 Aquatic Chronic 3 - H412 Eye Dam. 1 - H318 Skin Corr. 1C - H314	Not applicable
(R)-p-mentha-1,8-diene, d-limonene	CAS No. : 5989-27-5 Index No. : 601-029-00-7 EC No. : 227-813-5	0,1 - 1	Aquatic Acute 1 - H400 Aquatic Chronic 1 - H410 Flam. Liq. 3 - H226 Skin Irrit. 2 - H315 Skin Sens. 1 - H317	Not applicable

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SECTION 4: First aid measures

4.1 - Description of first aid measures

<u>Following inhalation</u>	<ul style="list-style-type: none">- No special measures are necessary.- Provide fresh air.
<u>Following skin contact</u>	<ul style="list-style-type: none">- After contact with skin, wash immediately with plenty of water and soap.- In case of skin irritation, consult a physician.
<u>After eye contact</u>	<ul style="list-style-type: none">- Rinse immediately carefully and thoroughly with eye-bath or water.- In case of eye irritation consult an ophthalmologist.
<u>After ingestion</u>	<ul style="list-style-type: none">- Rinse mouth thoroughly with water.- Do NOT induce vomiting.

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

<u>Symptoms and effects - Following inhalation</u>	- No information available.
<u>Symptoms and effects - Following skin contact</u>	- Causes skin irritation.
<u>Symptoms and effects - After eye contact</u>	- Causes eye irritation.
<u>Symptoms and effects - After ingestion</u>	- No information available.

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

- Treat symptomatically.

SECTION 5: Firefighting measures

5.1 - Extinguishing media

<u>Suitable extinguishing media</u>	<ul style="list-style-type: none">- ABC-powder- Carbon dioxide (CO₂)- Foam- Extinguishing powder
<u>Unsuitable extinguishing media</u>	<ul style="list-style-type: none">- Full water jet

5.2 - Special hazards arising from the substance or mixture

<u>Special hazards arising from the substance or mixture</u>	- Thermal decomposition can lead to the escape of irritating gases and vapours.
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5.3 - Advice for firefighters

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

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SECTION 6: Accidental release measures

6.1 - Personal precautions, protective equipment and emergency procedures

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| <u>For non-emergency personnel</u> | - Use personal protection equipment. |
| <u>For emergency responders</u> | - 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

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|---|--|
| <u>Methods and material for containment</u> | - Absorb with liquid-binding material (sand, diatomaceous earth, acid- or universal binding agents). |
| <u>Methods and material for cleaning up</u> | - Absorb with liquid-binding material (sand, diatomaceous earth, acid- or universal binding agents).
- Wash with plenty of water. |
| <u>Inappropriate techniques</u> | - 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

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| <u>Recommendation</u> | - Wear personal protection equipment (refer to section 8). |
| <u>Advices on general occupational hygiene</u> | - Avoid contact with skin, eyes and clothes. |

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

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|--|---|
| <u>Appropriate engineering controls</u> | - See section 7. No additional measures necessary. |
| <u>Individual protection measures, such as personal protective equipment</u> | - Wear protective gloves/protective clothing and eye/face protection. |
| <u>Environmental exposure controls</u> | - See section 7. No additional measures necessary. |

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SECTION 9: Physical and chemical properties

9.1 - Information on basic physical and chemical properties

<u>Physical state</u>	Liquid	<u>Appearance</u>	Liquid
<u>Colour</u>	clear	<u>Odour</u>	fruity
Odour threshold	No data available		
pH	< 11,5		
Melting point	0 °C		
Freezing point	0 °C		
Boiling point	> 100 °C		
Flash point	> 60 °C		
Evaporation rate	No data available		
flammability	No data available		
Lower explosion limit	No data available		
Upper explosion limit	No data available		
Vapour pressure	No data available		
Vapour density	No data available		
Relative density	0,95 < V < 1,05		
Density	No data available		
Solubility (Water)	completely miscible		
Solubility (Ethanol)	miscible		
Solubility (Acetone)	No data available		
Solubility (Organic solvents)	not determined		
Log KOC	not determined		
Auto-ignition temperature	No data available		
Decomposition temperature	No data available		
Kinematic viscosity	No data available		
Dynamic viscosity	No data available		

9.2 - Other information

VOC content	4 % < V < 4,2 %
Minimum ignition energy	No data available
Conductivity	No data available

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 known hazardous reactions.

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10.4 - Conditions to avoid

- Avoid:
- Frost

10.5 - Incompatible materials

- Highly oxidising substances

10.6 - Hazardous decomposition products

- Thermal decomposition can lead to the escape of irritating gases and vapours.
- 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 - Irritation, Category 2 - Causes skin irritation

- Irritating to skin.

Serious eye damage/eye irritation - Eye irritation - Category 2 - Causes serious eye irritation

- Irritating to eyes.

Respiratory or skin sensitisation - Not classified

Germ cell mutagenicity - Not classified

Carcinogenicity - Not classified

Reproductive toxicity - Not classified

STOT-single exposure - Not classified

STOT-repeated exposure - Not classified

Aspiration hazard - Not classified

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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)	No data available
Chemical oxygen demand (COD)	No data available
% of biodegradation in 28 days	> 96 %

- Readily biodegradable (according to OECD criteria).

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 product is an alkali. Before discharge into sewage plants the product normally needs to be neutralised.

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>	- Waste for disposal is to be classified and labelled.
<u>Community or national or regional provisions</u>	- Dispose according to legislation.

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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

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 4 % < V < 4,2 %

- Anionic surfactants: less than 5%

Regulation (EC) No. 648/2004 (Detergents regulation)

Website info@carly-sa.com

15.2 - Chemical Safety Assessment

Chemical safety assessment carried out for the product - No information available.

- The evaluation was carried out according to the calculation method.

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SECTION 16: Other information

SDS versions

Version	Issue date	Description of the amendments
1	21/01/2021	

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

Texts of the regulatory sentences

Acute Tox. 4 Dermal	Acute toxicity (dermal) - Category 4
Acute Tox. 4 Inhalation	Acute toxicity (inhalative) - Category 4
Acute Tox. 4 Oral	Acute toxicity (oral) - Category 4
Aquatic Acute 1	Hazardous to the aquatic environment - Aquatic Acute 1
Aquatic Chronic 1	Hazardous to the aquatic environment - Aquatic Chronic 1
Aquatic Chronic 3	Hazardous to the aquatic environment - Aquatic Chronic 3
Eye Dam. 1	Serious eye damage, Category 1
Eye Irrit. 2	Eye irritation - Category 2
Eye Irrit. 2A	Eye irritation - Category 2A
Flam. Liq. 3	Flammable liquid and vapour. - Category 3
H226	Flammable liquid and vapour
H302	Harmful if swallowed
H312	Harmful in contact with skin
H315	Causes skin irritation
H317	May cause an allergic skin reaction
H319	Causes serious eye irritation
H332	Harmful if inhaled
H410	Very toxic to aquatic life with long lasting effects
Skin Corr. 1C	Skin corrosion, Category 1C
Skin Irrit. 2	Irritation, Category 2
Skin Sens. 1	Skin sensitization - Category 1

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