

SAFETY DATA SHEET



In accordance with 1907/2006 annex II and 1272/2008

(All references to EU regulations and directives are abbreviated into only the numeric term)

Revision date 2021-12-21

Replaces SDS issued 2021-06-11

Version number 5.0

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

1.1. Product identifier

Trade name CPS-9, Liquid Protection
Article number 1009

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

Identified uses Car care products

1.3. Details of the supplier of the safety data sheet

Company Ditec International AB
Ahrenbergs Brygga 32
S-195 61 ARLANDASTAD (Stockholm)
Sweden
Telephone +46 10 344 74 50
E-mail info@ditecinternational.com

1.4. Emergency telephone number

Phone number for emergencies: 999 or 112. The numbers are available 24/7.

SECTION 2: Hazards identification

2.1. Classification of the substance or mixture

Skin Irrit. 2, H315

Eye Dam. 1, H318

(See section 16)

2.2. Label elements

Hazard pictogram



Signal word

Danger

Hazard statements

H315

Causes skin irritation

H318

Causes serious eye damage

Precautionary statements

P280

Wear protective gloves and eye protection

P305+P351+P338

IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing

P310

Immediately call a doctor

Supplemental hazard information

Contains: SILOXANES AND SILICONES, 3-((2-AMINOETHYL)AMINO)PROPYL ME, DI-ME, METHOXY-TERMINATED, ALCOHOLS, C11-14-ISO-, C13-RICH, ETHOXYLATED

2.3. Other hazards

Contains a substance included in the Candidate List.

SECTION 3: Composition/information on ingredients

3.2. Mixtures

Note that the table shows known hazards of the ingredients in pure form. These hazards are reduced or eliminated when mixed or diluted, see Section 16d.

Constituent	Classification	Concentration
WATER		
CAS No: 7732-18-5 EC No: 231-791-2		60 - 100 %
SILOXANES AND SILICONES, 3-((2-AMINOETHYL)AMINO)PROPYL ME, DI-ME, METHOXY-TERMINATED		
CAS No: 102782-92-3	Skin Irrit. 2, Eye Dam. 1; H315, H318	15 - 30 %
ALCOHOLS, C11-14-ISO-, C13-RICH, ETHOXYLATED		
CAS No: 78330-21-9	Acute Tox. 4, Eye Dam. 1; H302, H318	2.5 - 7.5 %
DECAMETHYL-CYCLOPENTASILOXANE		
CAS No: 541-02-6 EC No: 208-764-9 REACH: 01-2119511367-43		1 - 5 %

Explanations to the classification and labelling of the ingredients are given in Section 16e. Official abbreviations are printed in normal font. Text in italics are specifications and/or complements used in the calculation of the classification of this mixture, see Section 16b.

SECTION 4: First aid measures

4.1. Description of first aid measures

Generally

In case of concern, or if symptoms persist, call a doctor/physician.

Never attempt to administer liquid, or anything else, to an unconscious person via the mouth.

Upon breathing in

Allow the injured person to rest in a warm place with fresh air, if symptoms persist seek medical attention.

Upon eye contact

Remove contact lenses immediately if possible.

Flush immediately with luke-warm water for 15 - 20 minutes with wide-open eyes. Transport the injured person to a hospital immediately.

Upon skin contact

Remove contaminated clothing.

Wash the skin with soap and water.

If symptoms occur, contact a physician.

Upon ingestion

Drink a couple of glasses of water immediately.

DO NOT induce vomiting.

If symptoms persist contact a doctor.

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

Upon eye contact

Risk of permanent injury to the cornea.

Upon skin contact

Skin irritation may occur.

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

Symptomatic treatment.

Upon contact with a doctor, make sure to have the label or this safety data sheet with you.

SECTION 5: Firefighting measures

5.1. Extinguishing media

Recommended extinguishing agents

Extinguish with water mist, powder, carbon dioxide or alcoholresistant foam.

Unsuitable extinguishing agents

Among common extinguishing agents there are none that are overtly unsuitable.

5.2. Special hazards arising from the substance or mixture

The product is not hazardous in the flammable sense.

In case of fire, substances hazardous to health, or substances harmful in other respects, may be dispersed.

5.3. Advice for firefighters

In case of fire use proper breathing apparatus.

Protective measures should be taken regarding other material at the site of the fire.

Cool closed containers that were exposed to fire with water.

Wear full protective clothing.

SECTION 6: Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures

Avoid contact with skin and eyes.

Use recommended safety equipment, see section 8.

Ensure good ventilation.

Keep unauthorized and unprotected people at a safe distance.

6.2. Environmental precautions

Avoid release to drains, soil or watercourses.

Please contact involved authorities if unintended release occurs.

6.3. Methods and material for containment and cleaning up

Absorb the liquid with an inert absorbent, vermiculite, for example. Collect the material for disposal at a waste disposal facility.

6.4. Reference to other sections

See section 8 and 13 for personal protection equipment and disposal considerations.

SECTION 7: Handling and storage

7.1. Precautions for safe handling

Keep out of reach of children and pets.

Do not eat, drink or smoke in premises where this product is handled.

Do not inhale the fumes and avoid exposure to skin, eyes and clothing.

Work in order to avoid spillage. If spillage does occur, address it immediately in accordance with the directions specified in Section 6 of this safety data sheet.

Use recommended safety equipment, see section 8.

Wash your hands after using the product.

Remove contaminated clothing.

Wash contaminated clothing before reuse.

Implement appropriate engineering controls if necessary, see Section 8.

Keep away from incompatible products.

7.2. Conditions for safe storage, including any incompatibilities

Keep out of reach for children.

Store separately from food and animal fodder, incl. utensils or surfaces which have been in contact with these things.

Store tightly, in original packaging.

Always use sealed and visibly labeled packages.

Store in a well-ventilated space.

Stored free from frost, but not above 30°C.

Do not store close to incompatible materials (see section 10.5).

7.3. Specific end use(s)

See identified uses in Section 1.2.

SECTION 8: Exposure controls/personal protection

8.1. Control parameters

8.1.1. National limit values

All ingredients (cf. Section 3) lack occupational exposure limit values.

DNEL

No data available.

PNEC

No data available.

8.2. Exposure controls

The risks posed by the product or its constituents must be considered in the task specific risk assessment, in accordance with current working environment legislation. The risk assessment should be reviewed regularly and updated if necessary.

8.2.1. Appropriate engineering controls

Emergency showers and eye-rinsing facilities must be available at the workplace.

The ventilation in the workplace must ensure an air quality that meets the requirements of the current working environment legislation. Local exhaust ventilation should be used to remove airborne contaminants at the source.

Eye/face protection

Use protective glasses with tight seals according to standard EN166.

Skin protection

Use suitable protective clothing.

Use protective gloves fulfilling the standard EN374 if there is a risk of direct contact.

Follow current local regulations for recommending protective gloves.

During continuous contact use gloves with a minimum breakthrough time of at least 240 minutes, preferably over 480 minutes.

Based on the chemical properties of the product, the following glove materials are recommended (EN 374):.

- Butyl rubber.
- Viton.
- Fluoro rubber FKM.

Respiratory protection

Use appropriate respiratory protective equipment in case of insufficient ventilation.

8.2.3. Environmental exposure controls

Work with the product should take place in such a way that the product does not get into drains, waterways, soil and air.

SECTION 9: Physical and chemical properties

9.1. Information on basic physical and chemical properties

(a) Physical state	liquid
	Form: liquid
(b) Colour	Not indicated
(c) Odour	weak smell
(d) Melting point/freezing point	Not indicated
(e) Boiling point or initial boiling point and boiling range	Not indicated
(f) Flammability	Not indicated
(g) Lower and upper explosion limit	Not indicated
(h) Flash point	Not indicated
(i) Auto-ignition temperature	Not indicated
(j) Decomposition temperature	Not indicated
(k) pH	Not indicated
(l) Kinematic viscosity	Not indicated
(m) Solubility	Not indicated
(n) Partition coefficient n-octanol/water (log value)	Not indicated
(o) Vapour pressure	Not indicated
(p) Density and/or relative density	0.98 kg/L
(q) Relative vapour density	Not indicated
(r) Particle characteristics	Not indicated

9.2. Other information

9.2.1. Information with regard to physical hazard classes

Not indicated

9.2.2. Other safety characteristics

Not indicated

SECTION 10: Stability and reactivity

10.1. Reactivity

The product contains no substances which can lead to hazardous reactions at normal use.

10.2. Chemical stability

The product is stable at normal storage and handling conditions.

10.3. Possibility of hazardous reactions

At normal handling and use, hazardous reactions will not occur.

10.4. Conditions to avoid

None in particular.

10.5. Incompatible materials

Avoid contact with oxidizers.

10.6. Hazardous decomposition products

Does not decompose to hazardous substances.

SECTION 11: Toxicological information

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

Information on possible health hazards are based on experience and / or toxicological properties of several components in the product.

Acute toxicity

The product is not classified as acute toxic.

DECAMETHYL-CYCLOPENTASILOXANE

LD50 rabbit 24h: > 16000 mg/kg Dermal

LC50 rat 4h: 1 - 10.32 mg/l Inhalation

LD50 rat 24h: > 64000 mg/kg Orally

Skin corrosion/irritation

May cause skin irritation.

Serious eye damage/irritation

Contact with the eyes may cause irreversible eye damage.

Respiratory or skin sensitisation

The product is not classified as sensitising.

Hypersensitive reactions cannot be ruled out for persons who are overtly sensitive.

Germ cell mutagenicity

The product is not classified as mutagen.

Carcinogenicity

The product is not classified as carcinogenic.

Reproductive toxicity

The product is not classified as a reproductive toxicant.

STOT-single exposure

The product is not classified for specific organ toxicity after single exposure.

STOT-repeated exposure

The product is not classified for specific organ toxicity after repeated exposure.

Aspiration hazard

The product is not classified as being toxic for aspiration.

11.2. Information on other hazards**11.2.1. Endocrine disrupting properties**

Not indicated.

11.2.2. Other information

Not indicated.

SECTION 12: Ecological information**12.1. Toxicity**

The product is not to be labelled as an environmental hazard. However, it is not inconceivable that large emissions, or repeated small emissions, can have a harmful effect on the environment.

Prevent release on land, in water and drains.

DECAMETHYL-CYCLOPENTASILOXANE

LC50 Rainbow trout (*Oncorhynchus mykiss*) 96h: > 16 mg/l

EC50 Freshwater water flea (*Daphnia magna*) 48 h: > 2.9 mg/l

12.2. Persistence and degradability

There is no information regarding persistence or degradability.

12.3. Bioaccumulative potential

There is no information regarding bioaccumulation.

12.4. Mobility in soil

Information about mobility in nature is not available.

12.5. Results of PBT and vPvB assessment

No chemical safety report has been prepared.

12.6. Endocrine disrupting properties

Not indicated.

12.7. Other adverse effects

Data lacking.

SECTION 13: Disposal considerations

13.1. Waste treatment methods

Waste handling of the product

Discarded products must be disposed of as hazardous waste in accordance with regulations.

Not completely emptied packaging can contain remnants of dangerous substances and should therefore be handled as hazardous waste according to the above. Completely emptied packaging can be recycled.

Residual, old or contaminated product should be disposed of at a waste management facility.

Avoid discharge into sewers.

See directive 2008/98/EC on waste. Observe national or regional provisions on waste management.

SECTION 14: Transport information

Where not otherwise stated the information applies to all of the UN Model Regulations, i.e. ADR (road), RID (railway), ADN (inland waterways), IMDG (sea), and ICAO (IATA) (air).

14.1. UN number or ID number

Not classified as dangerous goods

14.2. UN proper shipping name

Not applicable

14.3. Transport hazard class(es)

Not applicable

14.4. Packing group

Not applicable

14.5. Environmental hazards

Not applicable

14.6. Special precautions for user

Not applicable

14.7. Maritime transport in bulk according to IMO instruments

Not applicable

14.8 Other transport information

Not applicable

SECTION 15: Regulatory information

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

The product contains a substance which is listed on the REACH candidate list.

15.2. Chemical safety assessment

Assessment and chemical safety report in accordance with 1907/2006 Annex I has not yet been performed.

SECTION 16: Other information

16a. Indication of where changes have been made to the previous version of the safety data sheet

Revisions of this document

Earlier versions

2021-06-11 Changes in section(s) 1, 2, 8, 15.

16b. Legend to abbreviations and acronyms used in the safety data sheet

Full texts for Hazard Class and Category Code mentioned in section 3

Skin Irrit. 2 Skin corrosion/irritation, Hazard Category 2 - Skin Irrit. 2, H315 - Causes skin irritation

Eye Dam. 1 Serious eye damage/eye irritation, Hazard Category 1 - Eye Dam. 1, H318 - Causes serious eye damage

Acute Tox. 4 Acute toxicity (oral), Hazard Category 4 - Acute Tox. 4, H302 - Harmful if swallowed

Explanations of the abbreviations in Section 14

ADR European Agreement concerning the International Transport of Dangerous Goods by Road

RID Regulations concerning the International Transport of Dangerous Goods by Rail

IMDG International Maritime Dangerous Goods Code

ICAO International Civil Aviation Organization (ICAO, 999 University Street, Montreal, Quebec H3C 5H7, Canada)

IATA The International Air Transport Association

16c. Key literature references and sources for data

Sources for data

Primary data for the calculation of the hazards has preferentially been taken from the official European classification list, 1272/2008 Annex I, as updated to 2021-12-21.

Where such data was not available, alternative documentation used to establish the official classification was used, e.g. IUCLID (International Uniform Chemical Information Database). As a second alternative, information was used from reputable international chemical industries, and as a third alternative other available information was used, e.g. material safety data sheets from other suppliers or information from non-profit associations, where reliability of the source was assessed by expert opinion. If, in spite of this, reliable information could not be sourced, the hazards were assessed by expert opinions based on the known hazards of similar substances, and according to the principles in 1907/2006 and 1272/2008.

Full texts for Regulations mentioned in this Safety Data Sheet

- 1907/2006 REGULATION (EC) No 1907/2006 OF THE EUROPEAN PARLIAMENT AND OF THE COUNCIL of 18 December 2006 concerning the Registration, Evaluation, Authorisation and Restriction of Chemicals (REACH), establishing a European Chemicals Agency, amending Directive 1999/45/EC and repealing Council Regulation (EEC) No 793/93 and Commission Regulation (EC) No 1488/94 as well as Council Directive 76/769/EEC and Commission Directives 91/155/EEC, 93/67/EEC, 93/105/EC and 2000/21/EC
- 1272/2008 REGULATION (EC) No 1272/2008 OF THE EUROPEAN PARLIAMENT AND OF THE COUNCIL of 16 December 2008 on classification, labelling and packaging of substances and mixtures, amending and repealing Directives 67/548/EEC and 1999/45/EC, and amending Regulation (EC) No 1907/2006
- 2008/98/EC DIRECTIVE 2008/98/EC OF THE EUROPEAN PARLIAMENT AND OF THE COUNCIL of 19 November 2008 on waste and repealing certain Directives

16d. Methods of evaluating information referred to in 1272/2008 Article 9 which was used for the purpose of classification

Hazard calculation for this mixture has been performed as a cumulative assessment with the aid of expert assessments in accordance with 1272/2008 Annex I, where all available information which may be significant to establishing the hazards of the mixture was assessed together, and in accordance with 1907/2006 Annex XI.

16e. List of relevant hazard statements and/or precautionary statements

Full texts for hazard statements mentioned in section 3

- H315 Causes skin irritation
H318 Causes serious eye damage
H302 Harmful if swallowed

16f. Advice on any training appropriate for workers to ensure protection of human health and the environment

Warning for misuse

This product can cause injuries if not used properly. The manufacturer, the distributor or the supplier are not responsible for adverse effects if the product is not handled in accordance with its intended use.

Other relevant information

Not indicated

Editorial information



This material safety data sheet has been prepared and checked by KemRisk®, KemRisk Sweden AB, Platensgatan 8, SE-582 20 Linköping, Sweden, www.kemrisk.se