Pica DC 521

Revision date: 2022-12-12 (Version 2)

SECTION1. Identification of the substance/preparation and of the company/undertaking

1.1 Product identifier	Pica DC 521 UFI: PM00-V0SA-P00U-7XFJ
1.2 Relevant identified uses of the substance or mixture and uses advised against	Impregnating agent. Professional use.
1.3 Details of the supplier of the safety data sheet	PICA Kemi AB
Address	Teknikvägen 3 SE-245 34 Staffanstorp, Sweden
Telephone	+46 (0)40-185820
Homepage/E-mail	www.picakemi.se/picakemi@picakemi.se
1.4 Emergency telephone number	Minor emergency cases during office hours +46(0)10-4566700 Swedish poison information center.

SECTION 2: Hazards identification

2.1. Classification of the substance or mixture
Classification CLP (1272/2008/EC)
Sensitisation — Skin, hazard category 1: H317
Hazardous to the aquatic environment — Chronic Hazard, Category 3; H412
2.2 Label elements
Pictogram

Signal Word: Warning

Contents
reaction mass of 5-chloro-2-methyl-2H-isothiazol-3-one and 2-methyl-2H-isothiazol-3-one (3:1)
Hazard statement Code(s)
H317: May cause an allergic skin reaction
H412: Harmful to aquatic life with long lasting effects
Precautionary statements
P262 Do not get in eyes, on skin, or on clothing.
P273 Avoid release to the environment.
P280 Wear protective gloves /eye protection/face protection.
P302+P352 IF ON SKIN: Wash with plenty of soap and water.
P333+P313 If skin irritation or rash occurs: Get medical advice/attention.
H362 May cause harm to breast-fed children.
2.3 Other hazards
The product does not contain substances that meet the criteria for classification as PBT or vPvB substances in concentrations equal to or above 0.1%.
Does not contain an endocrine disruptor (EDC) in a concentration of ≥ 0.1%.

SECTION 3: Composition/information on ingredients

3.2. Mixtures

Components	CAS-No: EC-No: Reg-No:	Conc %	Hazard Class and Category Code(s)	Hazard statement Code(s)*
Triethoxyoctylsilane	2943-75-1 220-941-2 01-2119972313-39-xxxx	1-<3	Skin Irrit. 2	H315
reaction mass of 5-chloro-2-methyl-2H-isothiazol-3-one and 2-methyl-2H-isothiazol-3-one (3:1)	55965-84-9	0,0015-0,02%	Acute Tox. 3 Acute Tox. 2 Skin Corr. 1C Eye Dam. 1 Skin Sens. 1A Acute Tox. 2 Aquatic Acute. 1 Aquatic Chronic.1	H301 H310 H314 H318 H317 H330 H400 H410 EUH071

* The full text of Hazard statement Codes are listed under section 16.
** SCL
Eye Dam. 1: C ≥ ,6 %
Eye Irrit. 2; H319: ,06 % ≤ C < ,6 %
Skin Corr. 1C: C ≥ ,6 %
Skin Irrit. 2; H315: ,06 % ≤ C < ,6 %
Skin Sens. 1A: C ≥ ,0015 %
M=100
M(Chronic)=100
Ingredients not listed are classified as non-hazardous or at a concentration below reportable levels.
The classification is based on data from the chemical supplier and http://echa.europa.eu (database)

SECTION 4: First aid measures

4.1 Description of first aid measures

General Information
In all cases of doubt, or when symptoms persist, seek medical advice.
Keep person warm and calm.

Inhalation
Remove to fresh air.

Skin contact
Wash with soap and water and rinse the skin thoroughly. Contact a doctor if the complaints persist.

Eye contact
Rinse with lukewarm water for several minutes. Hold eyelids apart. Remove contact lenses, if present and easy to do. Contact a doctor if the complaints persist.

Ingestion
Rinse mouth with water and drink several glasses of water. Contact a doctor.

SECTION 4: First aid measures (…)

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

Inhalation:	May be irritating by inhalation. (Cough)
Skin contact:	May be irritating on skin contact. May cause an allergic skin reaction.
Eye contact:	May cause irritation by eye contact (Burning, redness)
Ingestion:	May cause nausea, vomiting if swallowed.

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

SECTION 5: Fire-fighting measures

5.1 Extinguishing media
Water mist, foam, powder, carbon dioxide.
5.2 Special hazards arising from the substance or mixture
During fire, gases hazardous to health may be formed. Do not breathe fumes. (CO_2, CO, NO_X)
5.3 Special protective equipment
Wear a self-contained breathing apparatus and protective clothing.
Additional information
Cool endangered containers with water in case of fire. Move containers from fire area if it can be done without risk.
Fire residues and contaminated firefighting water must be disposed of in accordance with local regulations.
Prevent uncontrolled discharges into the environment.

SECTION 6: Accidental release measures

6.1 Personal precautions, protective equipment and emergency procedures
Ensure adequate ventilation.
Avoid contact with skin.
6.2 Environmental precautions
Do not flush larger amounts of concentrated product into surface water or sanitary sewer system.
6.3 Methods and material for containment and cleaning up
Re-use product if possible. Small quantities may be wiped up with a cloth. Larger spill: Contain spill with inert material. Absorb in vermiculite, dry sand or earth. Flush afterwards with water.
6.4 Reference to other sections
See Section 7 for proper handling and storage.
For personal protection see section 8. For disposal of spillage, see section 13.

SECTION 7: Handling and storage

7.1 Precautions for safe handling
Normal precautions taken when handling chemicals should be observed.
Use personal protective equipment. Avoid contact with skin.
7.2 Conditions for safe storage, including any incompatibilities
Store in original, closed container in a dry area. Store away from food and feedstuff.

7.3 Specific end use(s)

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SECTION 8: Exposure controls/personal protection

8.1 Appropriate engineering controls

Ensure good exhaust ventilation at the workplace.

Exposure limits

Swedish limit values or limit values according to the European commission

None established.

British limit values (EH40/2005 Workplace exposure limits)

None established.

DNEL

Triethoxyoctylsilane (2943-75-1)	Short term exposure – Workers Systemic effects, Inhalation: 16 mg/m^3 Short term exposure – Workers Systemic effects, Dermal: 9 mg/kg Short term exposure – Consumer Systemic effects, Oral: 6,2 mg/kg Short term exposure – Consumer Lokala effekter, Inhalation: 5,4 mg/m^3 Short term exposure – Consumer Systemic effects, Dermal: 6,2 mg/kg

PNEC

Triethoxyoctylsilane (2943-75-1)	0,006 mg/l	Freshwater
Triethoxyoctylsilane (2943-75-1)	0,001 mg/l	Saltwater
Triethoxyoctylsilane (2943-75-1)	2,34 mg/kg	Sediment (Freshwater)
Triethoxyoctylsilane (2943-75-1)	0,23 mg/kg	Sediment (Saltwater)
Triethoxyoctylsilane (2943-75-1)	0,009 mg/kg	Soil

8.2 Exposure controls

General protective and hygiene measures

Wash hands before breaks and after work.

Avoid contact with skin.

The usual precautionary measures for the handing of chemicals have to be observed.

Individual protection measures, such as personal protective equipment

Always consult a competent person/supplier when selecting personal protective equipment.

Respiratory protection

In case of insufficient ventilation or inhalation of spray mist, wear suitable respiratory equipment.

Hand protection

Use protective gloves (Rubber)

When selection gloves, several parameters must be taken into account, usage, handling time, breakthrough time.etc

Eye protection

Normally not needed.

Body protection

Wear suitable protective clothing.

SECTION 9: Physical and chemical properties

9.1. Information on basic physical and chemical properties

Physical state:	Liquid
Colour:	Colourless / Yellowish
Odour	Not determined
Melting point/freezing point	Not determined
Boiling point or initial boiling point and boiling range	Not determined
Flammability	Not determined
Lower and upper explosion limit	Not determined
Flash point	Not determined
Auto-ignition temperature	Not determined
Decomposition temperature	Not determined
pH	Not determined
Kinematic viscosity	Not determined
Solubility	Soluble in water
Partition coefficient n-octanol/water (log value)	Not determined
Vapour pressure	Not determined
Density and/or relative density	Not determined
Relative vapour density	Not determined
Particle characteristics	Not determined

9.2 Other information

No specific.

SECTION 10: Stability and reactivity

10.1 Reactivity

Stable under recommended storage and handing conditions

10.2 Chemical stability

Stable under recommended storage and handing conditions.

10.3 Possibility of hazardous reactions

No known

10.4 Conditions to avoid

No known

10.5 Incompatible materials

No known

10.6 Hazardous decomposition products

No known under recommended storage and handing conditions

SECTION 11: Toxicological information

11.1. Information on hazard classes as defined in Regulation (EC) No 1272/2008
See section 4. (Most important symptoms and effects, both acute and delayed)
Irritating/corrosive properties
Not classified as irritant/corrosive according to CLP.
Acute toxicity
Not classified as acutely toxic.
Toxicology data
Information about this preparation is not available.

Toxicology data for the containing components

reaction mass of 5-chloro-2-methyl-2H-isothiazol-3-one and 2-methyl-2H-isothiazol-3-one (3:1) (55965-84-9)	LD_{50} Oral Rat: 550 mg/kg LC_{50} Dermal Rabbit: 200-100 mg/kg LD_{50} Inhalation Rat: 031 mg/l
Triethoxyoctylsilane (2943-75-1)	LD_{50} Oral Rat: >5110 mg/kg LD_{50} Dermal Rabbit: 6730 mg/kg LC_{50} Inhalation Rat: >22 ppml

STOT-single exposure -repeated exposure
No known.
Routes of exposure
Eyes and skin, inhalation, (ingestion)
Allergenic potential
May cause an allergic skin reaction
Carcinogenicity, mutagenicity and toxicity for reproduction
This product is not classified as carcinogen, mutagen and toxic for reproduction.
Aspiration hazard
No.
11.2. Information on other hazards
Does not contain an endocrine disruptor (EDC) in a concentration of ≥ 0.1%.

SECTION 12: Ecological information

This product is classified as dangerous for the environment.
Harmful to aquatic life with long lasting effects
Avoid uncontrolled releases to surface water and sewage

12.1 Toxicity
Information about this preparation is not available.

Toxicology data for the containing components:

reaction mass of 5-chloro-2-methyl-2H-isothiazol-3-one and 2-methyl-2H-isothiazol-3-one (3:1) (55965-84-9)	EC_{50} Algea 72h: 0,161 mgl Sp Pseudokirchneriella subcapitata EC_{50} Algea 96h: 0,166 mg/l EC_{50} Daphnia 21d: > 1mg/l EC_{50} Daphnia 48h: 1,02 mg/l LC_{50} Fish 96h: 0,58 Sp: Danio rerio EC_{50} Microorganism 3h: 31,7 mg/l
Triethoxyoctylsilane (2943-75-1)	LC_{50} Fish 96h: >0,055 mg/l Sp: Oncorhynchus mykiss EC_{50} Daphnia 48h: 0,049 mg/l EC_{50} Algea 72h: >0,13 mg/l Sp: Pseudokirchnerella subcapitata

12.2 Persistence and degradability
No information available
12.3 Bioaccumulative potential
No information available
12.4 Mobility in soil
No information available
12.5 Results of PBT and vPvB assessment
The product does not contain substances that meet the criteria for classification as PBT or vPvB substances in concentrations equal to or above 0.1%.
12.6. Endocrine disrupting properties
Does not contain an endocrine disruptor (EDC) in a concentration of ≥ 0.1%.
12.7 Other adverse effects
No known.

SECTION 13: Disposal considerations

13.1 Waste treatment methods:
This product or residues of concentrated product are classified as hazardous waste. Dispose of in accordance with local authority requirements. Do not empty into drain.
EWC- code: Depends on line of business and use.
Suggested EWC-code 08 04 15* aqueous liquid waste containing adhesives or sealants containing organic solvents or other dangerous substances
Disposal of Packaging:
Well cleaned packaging could be left for recycling.

SECTION 14: Transport information

The product is not classified as dangerous goods according to ADR/RID, IMDG, DGR.

14.1. UN number or ID number

-

14.2 UN proper shipping name

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14.3 Transport hazard class(es)

-

14.4 Packing group

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14.5 Environmental hazards

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14.6 Special precautions for user

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14.7. Maritime transport in bulk according to IMO instruments

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SECTION 15: Regulatory information

15.1 Safety, health and environmental regulations/legislation specific for the substance or mixture
Classification according to Regulation (EC) No. 1907/2006 annex II and EC/2020/878. EH40/2005.

15.2 Chemical safety assessment
None.

SECTION 16: Other information

The full text of Hazard statement Codes listed under section 3:
H301 Toxic if swallowed.
H310 Fatal in contact with skin.
H314 Causes severe skin burns and eye damage.
H315 Causes skin irritation.
H317 May cause an allergic skin reaction.
H318 Causes serious eye damage.
H330 Fatal if inhaled.
H400 Very toxic to aquatic life.
H410 Mycket giftigt för vattenlevande organismer med långtidseffekter.
H410 Very toxic to aquatic life with long lasting effects.

The user of this product must decide if the information in this safety data sheet is sufficient for which the product will be used.

Version 2: 2022-12-12
Safety data sheet according to Regulation (EC) No. 1907/2006 annex II and EC/2020/878.
Changes made in section 11.1; 11.2; 12; 12.6; 15.1 & 16.

Previous versions
Version 1: 2020-10-05

SECTION 16: Other information (...)

Sources
Safety data sheet provided by the manufacturer.
CLP-regulation, www.kemi.se, EH40/2005. www.echa.europa.eu (Databases)

Abbreviations explanations
ADR: International Carriage of Dangerous Goods by Road
BCF: Bio Concentration Factor
CAS-nr: Chemical Abstracts Service number
EC_{50}: Effect Concentration
EG-nr: A substance number i Einecs, Elincs or in No-Longer Polymers List.
IMDG: International Maritime Dangerous Goods Code.
LC_{50}: Lethal Concentration
LD_{50}: Lethal Dose
IC_{50}: Median Inhibition Concentration
NOEC: No Observed Effect Concentration
PBT-substance: Persistent, Bio accumulative and Toxic substances.
vPvB-substance: Very persistent and Very Bio accumulative substances.
NOEC: No Observed Effect Concentration