Safety data sheet

According to (EC) No. 1907/2006 and (EC) 2015/830

Pica Protector 505

Date of last issue: 2020-06-01 (Version2)

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

1.1 Product identifier	Pica Protector 505
1.2 Relevant identified uses of the substance or mixture and uses advised against	Anti-graffiti coating.
1.3 Details of the supplier of the safety data sheet	PICA Kemi AB
Address	Kabingatan 13 SE-212 39 Malmö
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

Classification CLP (1272/2008/EC)

Not classified as flammable, irritating or dangerous for the environment.

2.2 Label elements

Pictogram

-

Signal Word: None

Contents

-

Hazard statement Code(s)

None

Precautionary statements

None

2.3 Other hazards

This product is not considered to contain any substances that meet the criteria for classification as PBT or vPvB substances.

SECTION 3: Composition/information on ingredients

3.2 Chemical composition: mixture

Components	CAS-No: EC-No: Reg-No:	Conc %	Hazard Class and Category Code(s)	Hazard statement Code(s)*
Ethanol**	64-17-5 200-578-6 01-2119457610-43-xxxx	5-<15	Flam. Liq. 2 Eye Irrit 2	H225 H319
Propan-2-ol	67-63-0 200-661-7 01-2119457558-25-xxxx	1-<5	Flam. Liq. 2 Eye Irrit 2 STOT SE 3	H225 H319 H336

* The full text of Hazard statement Codes are listed under section 16.
** SCL
H319 >50%
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.

Inhalation
Remove to fresh air.

Skin contact
Take off all contaminated clothing wash with soap and water and rinse the skin thoroughly.

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 if the complaints persist.

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

Inhalation: High levels of vapor may cause respiratory irritation.
Skin contact: Prolonged skin contact could cause skin irritation.
Eye contact: May be irritating to eyes. (Pain, redness)
Ingestion: Ingestion of large amounts may cause discomfort,

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.
Do not use strong water jet, may spread the fire.
5.2 Special hazards arising from the substance or mixture
During fire, gases hazardous to health may be formed. Do not breathe fumes.
5.3 Special protective equipment
Wear a self-contained breathing apparatus and protective clothing.
5.4 Additional information
Cool endangered containers with water in case of fire. Move containers from fire area if it can be done without risk.

SECTION 6: Accidental release measures

6.1 Personal precautions, protective equipment and emergency procedures
Ensure adequate ventilation.
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.
Ensure adequate ventilation.
7.2 Conditions for safe storage, including any incompatibilities
Store in tightly closed container.
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

Substance	CAS-No	Level limit value	Short time value	Note
Ethanol	64-17-5	500 ppm 1000 mg/m³	1000 ppm 1900mg/m³	V
Isopropanol	67-63-0	150 ppm 350 mg/m³	250 ppm 600mg/m³	V

Explanation of note

V = Indicative short-term limit value

British limit values (EH40/2005 Workplace exposure limits)

Substance	CAS Nr	Long-term exposure Limit	Short-term exposure limit	Comments
Ethanol	64-17-5	1000 ppm 1920 mg/m³	-	-
Propan-2-ol	67-63-0	400 ppm 999 mg/m³	500 ppm 1250 mg/m³	-

(DNEL)

Ethanol (64-17-5)	Long term exposure - Workers Systematic effects, inhalation: 950 mg/m³ Short term exposure - Workers Local effects, inhalation: 1900 mg/m³ Long term exposure - Workers Systematic effects, Dermal: 343 mg/kg Long term exposure - Consumers Systematic effects, inhalation: 114 mg/m³ Short term exposure – Consumers Local effects, inhalation: 950 mg/m³ Long term exposure - Consumers Systematic effects, Dermal: 206 mg/kg Long term exposure - Consumers Systematic effects, oral: 87 mg/kg
Propan-2-ol (67-63-0)	Long term exposure - Workers Systematic effects, Dermal: 888 mg/kg Long term exposure - Workers Systematic effects, inhalation: 500mg/m³ Long term exposure - Consumers Systematic effects, Dermal: 319 mg/kg Long term exposure - Consumers Systematic effects, inhalation: 89 mg/m³ Long term exposure - Consumers Systematic effects, Oral: 26 mg/kg bw/day

SECTION 8: Exposure controls/personal protection (…)

PNEC

Ethanol (64-17-5)	0,96mg/l	Freshwater
Ethanol (64-17-5)	0,79mg/L	Seawater
Ethanol (64-17-5)	2,75mg/L	Intermittent releases
Ethanol (64-17-5)	580mg/L	Sewage Treatment Plant
Ethanol (64-17-5)	3,6 mg/kg	Sediment Freshwater
Ethanol (64-17-5)	2,9 mg/kg	Sediment Seawater
Ethanol (64-17-5)	0,63 mg/kg	Dirt
Propan-2-ol (67-63-0)	140,9 mg/L	Freshwater
Propan-2-ol (67-63-0)	28mg/kg	Dirt
Propan-2-ol (67-63-0)	140,9 mg/l	Seawater
Propan-2-ol (67-63-0)	140,9 mg/l	Intermittent releases
Propan-2-ol (67-63-0)	2251 mg/l	Sewage Treatment Plant
Propan-2-ol (67-63-0)	552 /mg/kg	Sediment Freshwater

8.2 Exposure controls

General protective and hygiene measures

Wash hands during work breaks and at the end of the shift.

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

Normally not needed.

Hand protection

In case of prolonged contact with concentrated product, protective gloves should be used.

Eye protection

Normally not needed. Wear tightly fitting protective goggles if there is a risk of direct contact.

Body protection

Wear suitable protective clothing.

SECTION 9: Physical and chemical properties

9.1 Information on basic physical and chemical properties:

Form:	Liquid
Colour:	Not available
Odour:	Not available
Odor threshold:	Not available
pH-value:	7
Melting point/ Freezing point (°C):	Not available
Boiling point/range: (°C):	Not available
Flash point (°C):	>80
Evaporation rate:	Not available
Flammability (solid, gas):	Not available
Upper / lower flammability limits or explosive limits:	Not available
Vapour pressure:	Not available
Vapour density (air=1):	Not available
Density:	Not available
Solubility in water:	Soluble
Partition coefficient: n-octanol/water:	Not available
Auto-ignition temperature (C):	Not available
Decomposition temperature (°C):	Not available
Viscosity:	Not available
Explosive properties:	Not available
Oxidising properties:	Not available

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 toxicological effects

See section 4. (Most important symptoms and effects, both acute and delayed)

Inhalation

High levels of vapor may cause respiratory irritation.

Skin contact

Prolonged skin contact could cause skin irritation.

Eye contact:

May be irritating to eyes.

Ingestion:

Ingestion of large amounts may cause discomfort.

Acute toxicity

Information about this preparation is not available.

Toxicology data for the containing components

Ethanol (64-17-5)	LD_{50} Oral Rat: 10470 mg/kg LC_{50} Dermal Rabbit: 17100 mg/kg LD_{50} Inhalation Rat 4h: 124,7 mg/l
Propan-2-ol (67-63-0)	LD_{50} Oral Rat: 5840 mg/kg bw LC_{50} Dermal Rabbit: >2000 mg/kg bw LD_{50} Inhalation Rat 4h: 66,1 mg/l

STOT-single exposure -repeated exposure

No known.

Routes of exposure

Eyes and skin, inhalation, (ingestion)

Allergenic potential

The product is not classified as allergenic by inhalation or skin contact.

Carcinogenicity, mutagenicity and toxicity for reproduction

This product is not classified as carcinogen, mutagen and toxic for reproduction.

Aspiration hazard

No.

SECTION 12: Ecological information

This product is not classified as dangerous for the environment.
Avoid uncontrolled releases to surface water and sewage

12.1 Toxicity

Information about this preparation is not available.

Toxicology data for the containing components:

Ethanol (64-17-5)	LC_{50} Fish 96h: 15300 mg/l Sp: Pimephales promelas EC_{50} Algae 96h: 275 mg/l Sp: Chlorella vulgaris EC_{50} Daphnia 48h: 12340 mg/l Sp: D. Magna
Propan-2-ol (67-63-0)	LC_{50} Fish 48h: 8970-9280 mg/l Sp: Leuciscus idus melanotus EC_{50} Algae 8d: 1800 mg/l Sp: Scenedesmus quadricauda EC_{50} Daphnia 24h: 9714 mg/l

12.2 Persistence and degradability

Ethanol (64-17-5) - Readily biodegradable. 97% 28D
Propan-2-ol (67-63-0) - Readily biodegradable. 95% 21D OECD301E

12.3 Bioaccumulative potential

Does not bioaccumulate. - Etanol (64-17-5)
Does not bioaccumulate. - Propan-2-ol (67-63-0)

12.4 Mobility in soil

Soluble in water.

12.5 Results of PBT and vPvB assessment

This product is not considered to contain any substances that meet the criteria for classification as PBT or vPvB substances.

12.6 Other adverse effects

No known

SECTION 13: Disposal considerations

13.1 Waste treatment methods:

This product or residues of concentrated product are not classified as hazardous waste. Dispose of in accordance with local authority requirements. Do not empty into drain.

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

-

14.2 Proper shipping name (IMDG,IATA/ICAO)

-

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

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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 CLP (1272/2008/EC). EH40/2005

15.2 Chemical safety assessment

None.

SECTION 16: Other information

The full text of Hazard statement Codes listed under section 3:

H302 Harmful if swallowed
H319 Causes serious eye irritation.
H336 May cause drowsiness or dizziness.

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 1: 2015-10-22
Version 2: 2020-06-01
Safety data sheet according to Regulation (EC) No. 1907/2006 and (EG) 2015/830.

Sources

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

SECTION 16: Other information (…)

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