Safety data sheet

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

PICA Protector 505

Date of last issue: 2015-10-22 (Version1)

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 ES
1.3 Details of the supplier of the safety data sheet	PICA Kemi AB
Address	Kabingatan 13 SE-212 39 Malmö
Telephone/ telefax	+46(0)40-185820 / +46(0)40-185823
Contact	www.picakemi.se/picakemi@picakemi.se
1.4 Emergency telephone number	+46 (0)8-331231 Poison information

SECTION 2: Hazards identification

2.1 Classification

Classification CLP (1272/2008/EC)

This product is not classified as flammable, harmful or dangerous for the environment

2.2 Label elements

Pictogram

None

Signal Word:

-

Contents

Ethanol, Wax emulsion

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	10-20	Flam. Liq. 2	H225
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
Wax emulsion	-	-		
Water	7732-18-5 231-791-2	-	-	-

* The full text of Hazard statement Codes are listed under heading 16.

The classification is based on data from the chemical supplier and www.echa.europa.eu (database)

SECTION 4: First aid measures

4.1 Description of first aid measures

General Information

Never give fluids or induce vomiting if patient is unconscious.

Inhalation

Supply fresh air.

Skin contact

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

Eye contact

Rinse immediately with water (lukewarm) for several minutes. Hold eyelids apart. 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 concentrations of vapour may cause irritation to the respiratory system.
Skin contact: Prolonged or often repeated contact may cause skin irritation.
Eye contact: May be slightly irritating to eyes. (burning, tearing)
Ingestion: Ingestion of large quantities may cause discomfort.

4.3 Indication of any immediate medical attention and special treatment needed

-

SECTION 5: Fire-fighting measures

5.1 Extinguishing media
Foam, powder or 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.
5.3 Special protective equipment
Appropriate breathing apparatus may be required.
5.4 Additional information
Cool endangered containers with water in case of fire

SECTION 6: Accidental release measures

6.1 Personal precautions, protective equipment and emergency procedures
Ensure adequate ventilation.
6.2 Environmental precautions
Do not flush 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. Flush with water.
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
The usual precautionary measures for the handing of chemicals have to be observed.
Ensure adequate ventilation.
7.2 Conditions for safe storage, including any incompatibilities
Keep container tightly closed.
7.3 Specific end use(s)
-

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	Ceiling limit value	Short time value	Note
Ethanol	64-17-5	500 ppm 1000 mg/m³	-	1000 ppm 1900 mg/m³	-
propan-2-ol	67-63-0	150 ppm 350 mg/m³	-	250 ppm 600 mg/m³	-

DNEL

Ethanol (64-17-5)	Exposure - Workers Effects,, inhalation: 950 mg/m³ Exposure - Workers Effects, dermal: 343 mg/kg bodyweight/day Exposure - Consumers Effects, inhalation: 114 mg/m³ Exposure - Consumers Effects, dermal: 206 mg/m³ Exposure - Consumers Effects, oral: 87 mg/kg bodyweight/day

PNEC

Ethanol (64-17-5)	0.96 mg/l	Freshwater
Ethanol (64-17-5)	0.79 mg/l	Seawater

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

Not required when used as intended.

Hand protection

For prolonged or repeated skin contact with concentrated product use suitable protective gloves.

Eye protection

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

Body protection

Wear suitable protective clothing.

SECTION 9: Physical and chemical properties

9.1 Information on basic physical and chemical properties:

Form:	Liquid
Colour:	White
Odour:	Neutral
Odor threshold:	Not available
pH-value:	Approx 7
Melting point/ Freezing point (°C):	Not available
Boiling point/range: (°C):	Not available
Flash point (°C):	>100
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:	Not available
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 concentrations of vapour may cause irritation to the respiratory system.

Skin contact

Prolonged or often repeated contact may cause skin irritation.

Eye contact:

May be slightly irritating to eyes. (burning, tearing)

Ingestion:

Ingestion of large quantities 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: >2000 mg/kg LD_{50} Dermal rabbit: >2000 mg/kg LC_{50} Inhaled mouse 4h: >20 mg/l (fumes)
propan-2-ol (67-63-0)	LD_{50} Oral rat: 4700-5500 mg/kg LC_{50} Inhaled rat 4h: 46-73 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.

Other information

-

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 48h: > 100 mg/l Sp: Leuciscus idus EC_{50} Daphnia 48h >100 mg/l Sp: Daphnia magna EC_{50} Algae 48h: >100 mg/l Selenastrum capricornutum
propan-2-ol (67-63-0)	LC_{50} Fish 96h: 9640-10400 mg/l Sp: Pimephales promelas EC_{50} Daphnia 48h: 2285 -13299 mg/l Sp: D. magna

SECTION 12: Ecological information (…)

12.2 Persistence and degradability
Ethanol (64-17-5) - Readily biodegradable.
propan-2-ol (67-63-0) - Readily biodegradable.
12.3 Bioaccumulative potential
Does not bioaccumulate. - Ethanol (64-17-5)
Does not bioaccumulate. - propan-2-ol (67-63-0)
12.4 Mobility in soil
No information available.
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.
Disposal of Packaging:
Well cleaned packaging could be reused or 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
Marine pollutant: No
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
Classification according to CLP (1272/2008/EC).
15.2 Chemical safety assessment
None.

SECTION 16: Other information

The full text of Hazard statement Codes listed under section 3:
H225 Highly flammable liquid and vapour.
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
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), AFS 2011:18, www.echa.europa.eu (Database).

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