Safety data sheet

According to (EC) No. 1907/2006 and (EC) 2020/878

Pica Easy OFF

Date of last issue: 2021-02-26 (Version2)

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

1.1 Product identifier	Pica Easy OFF UFI: 8E00-V0DJ-200V-W89E
1.2 Relevant identified uses of the substance or mixture and uses advised against	Graffiti remover
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
Contact	www.picakemi.se/picakemi@picakemi.se
1.4 Emergency telephone number	+46(0)10-4566700 Swedish poison information.

SECTION 2: Hazards identification

2.1 Classification
Classification CLP (1272/2008/EC)
Skin Irritation- Category 2; H315
Serious eye irritation - Category 2; H319
2.2 Label elements
Pictogram

Signal Word: Warning

Contents
Potassium hydroxide
Hazard statement Code(s)
H315 Causes skin irritation.
H319 Causes serious eye irritation.
Precautionary statements
P280 Wear protective gloves/protective clothing/eye protection/face protection.
P302+P352 IF ON SKIN: Wash with plenty of soap and 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.
P332+P313 If skin irritation occurs: Get medical advice/attention.
P337+P313 If eye irritation persists: Get medical advice/attention.
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)*
2-(2-ethoxyethoxy)ethanol	111-90-0 203-919-7 01-2119475105-42-XXXX	5-15	-	-
Ethanol	64-17-5 200-57-6 01-2119457610-43-XXXX	1-<10	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
Potassium hydroxide**	1310-58-3 215-181-3 -	0,5- <2	Acute tox 4 Skin Corr 1A	H302 H314

* The full text of Hazard statement Codes are listed under section 16.
** SCL / Specific concentation limits
Eye Irrit. 2; H319: 0,5 % ≤ C < 2 %
Skin Corr. 1A; H314: C ≥ 5 %
Skin Corr. 1B; H314: 2 % ≤ C < 5 %
Skin Irrit. 2; H315: 0,5 % ≤ C < 2 %
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

Never give fluids or induce vomiting if patient is unconscious. Keep person warm and calm.
In all cases of doubt, or when symptoms persist, seek medical advice.

Inhalation

Remove to fresh air. Get medical attention if irritation persists.

Skin contact

Wash with soap and water for several minutes and rinse the skin thoroughly. Contact a doctor if the complaints persist.

Eye contact

Rinse immediately with lukewarm water for at least 10 minutes. Hold eyelids apart. Contact a doctor if the complaints persist.

Ingestion

Rinse mouth with water and drink several glasses of water or milk. Go to hospital/doctor.

SECTION 4: First aid measures (…)

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

Inhalation:	May irritate respiratory system. Produces vapor of organic solvent that may cause dizziness and drowsiness. At high concentration the vapours may cause headache and poisoning.
Skin contact:	Contains substances that can be easily absorbed through the skin. Causes skin irritation. (Redness, pain)
Eye contact:	Irritating to eyes. (Pain, redness)
Ingestion:	Ingestion may cause discomfort, vomiting and poisoning.

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.

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.
Use personal protective equipment.
Avoid contact with eyes and skin.

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.
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

Ensure suitable personal protection.
Avoid contact with eyes and skin.
Ensure adequate ventilation.
Normal precautions taken when handling chemicals should be observed.
Comply with the health and safety at work laws.
Provide eyewash station.
Protect against fire, sparks and other ignition sources. Do not smoke near the product.

7.2 Conditions for safe storage, including any incompatibilities

Keep container tightly closed.
Store in a cool, dry and well-ventilated area.

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.
Provide eyewash station.

Exposure limits

Swedish limit values or limit values according to the European commission

Substance	CAS-No	Level limit value	Short time value	Note
2-(2-ethoxyethoxy)ethanol	111-90-0	15ppm 80mg/m^3	30ppm 170mg/m^3	H V
Ethanol	64-17-5	500ppm 1000mg/m^3	1000ppm 1900mg/m^3	V
Propan-2-ol	67-63-0	150ppm 350mg/m^3	250ppm 600mg/m^3	V
Potassium hydroxide -inhaled dust	1310-58-3	- 1mg/m^3	- 2mg/m^3	

Explanation note:
H = Substance may be absorbed through the skin.
V = Indicative short term limit

SECTION 8: Exposure controls/personal protection (…)

DNEL

2-(2-ethoxyethoxy)ethanol (111-90-0)	Long term exposure – Consumers Local effects, inhalation: 9 mg/m^3 Long term exposure – Consumers Systematiska effekter, inhalation: 18,3 mg/m^3 Long term exposure – Consumers Systematic effects, dermal: 25 mg/kg bw/day Long term exposure – Consumers Systematic effects, Oral: 25mg/kg bw/day Long term exposure – Workers Local effects, 18 mg/m3 Long term exposure – Workers Systematic effects, inhalation: 37 mg/m^3 Long term exposure – Workers Systematic effects, dermal: 50mg/kg bw/day
Ethanol (64-17-5)	Long term exposure – Workers Systematic effects, inhalation: 950mg/m^3 Short term exposure – Workers Local effects, inhalation: 1900mg/m^3 Long term exposure – Workers Systematic effects, Dermal: 343 mg/kg bw/day Long term exposure – Consumers Systematic effects, inhalation: 114mg/m^3 Short term exposure – Consumers Local effects, inhalation: 950mg/m^3 Long term exposure – Consumers Systematic effects, Dermal: 206mg/kg bw/day Long term exposure – Consumers Systematic effects,, oral: 87mg/kg bw/day
Propan-2-ol (67-63-0)	Long term exposure – Workers Systematic effects, Dermal: 888 mg/kg bw/day Long term exposure – Workers Systematic effects, inhalation: 500mg/m^3 Long term exposure – Consumers Systematic effects, Dermal: 319 mg/kg bw/day Long term exposure – Consumers Systematic effects, inhalation: 89 mg/m^3 Long term exposure – Consumers Systematic effects, Oral: 26 mg/kg bw/day
Potassium hydroxide (1310-58-3)	Long term exposure – Workers Local effects, inhalation: 1 mg/m³ Long term exposure – Consumers Local effects, inhalation: 1 mg/m³

SECTION 8: Exposure controls/personal protection (…)

PNEC

2-(2-ethoxyethoxy)ethanol (111-90-0)	0,15 mg/kg	Soil
2-(2-ethoxyethoxy)ethanol (111-90-0)	10 mg/L	Intermittent releases
2-(2-ethoxyethoxy)ethanol (111-90-0)	0,74 mg/L	Freshwater
2-(2-ethoxyethoxy)ethanol (111-90-0)	0,0074mg/L	Seawater
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	Soil
Propan-2-ol (67-63-0)	552 mg/kg	Sediment (Seawater)
Propan-2-ol (67-63-0)	140,9 mg/L	Freshwater
Propan-2-ol (67-63-0)	28mg/kg	Soil
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
propan2-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

In case of insufficient ventilation or if the concentration exceeds workplace limits a respirator fit for purpose must be used. (Ex, A-P2)

Hand protection

Use chemical-resistant gloves. (E.g. Buthyl rubber, Nitrile rubber)

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

Eye protection

Wear tightly fitting protective goggles if there is a risk of direct contact.

Body protection

Wear chemical resistant protective clothing.

SECTION 9: Physical and chemical properties

9.1 Information on basic physical and chemical properties:

Physical state:	Liquid
Colour:	Transparent
Odour	Neutral
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 (°C):	>80
Auto-ignition temperature	Not determined
Decomposition temperature	Not determined
pH	7-9
Kinematic viscosity	Not determined
Solubility	Not determined
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
Keep away from heat, sparks and open flame.
10.5 Incompatible materials
Strong oxidizing agents, strong bases.
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)

Inhalation

May be irritating to the respiratory system.

Skin contact

Causes skin irritation.

Eye contact:

Causes eye irritation.

Ingestion:

Ingestion may cause discomfort, vomiting and poisoning.

Acute toxicity

Information about this preparation is not available.

Toxicology data for the containing components

2-(2-ethoxyethoxy)ethanol (111-90-0)	LD_{50} Oralt Rat: 6300 Mg/Kg Bw LC_{50} Dermal Rabbit: ~ 8500 Mg/Kg Bw LC_{50} Inhalerat Rat 74h: >5,24 Mg/L
Ethanol (64-17-5)	LD_{50} Oralt Rat: 10470 Mg/Kg Bw LC_{50} Dermal Rabbit: 17100 Mg/Kg Bw LD_{50} Inhalerat Rat 4h: 124,7 Mg/L
propan-2-ol (67-63-0)	LD_{50} Oralt Rat: 5840 Mg/Kg Bw LC_{50} Dermal Rabbit: >2000 Mg/Kg Bw LD_{50} Inhalerat Rat 4h: 66,1 Mg/L
Potassium hydroxide (1310-58-3)	LD_{50} Oralt Rat: 333 Mg/Kg

STOT-single exposure -repeated exposure

Emits vapors of organic solvents, that may cause drowsiness and dizziness.

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

11.2. Information on other hazards

No known.

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:

2-(2-ethoxyethoxy)ethanol (111-90-0)	LD_{50} Fish 96h: > 10000 Mg/L Sp: Pimephales Promelas EC_{50} Algae 96h: >100 Mg/L Sp: Pseudokirchnerella Subcapitata LC_{50} Daphnia 48h: 1982 Mg/L Sp: D. Magna
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 Art: D. Magna
propan-2-ol (67-63-0)	LC_{50} Fish 48h: 8970-9280 Mg/L Sp: Leuciscus Idus Melanotus EC_{50} Algae 192h: 1800 Mg/L Sp: Scenedesmus Quadricauda EC_{50} Daphnia 24h: 9714 Mg/L Sp: D. Magna
Potassium hydroxide (1310-58-3)	LC_{50} Fish 96h: 80 Mg/L EC_{50} Daphnia 48h: 40-240 Mg/L

12.2 Persistence and degradability

2-(2-ethoxyethoxy)ethanol (111-90-0) - Readily biodegradable.
Ethanol (64-17-5) - Readily biodegradable.
Propan-2-ol (67-63-0) - Readily biodegradable.

12.3 Bioaccumulative potential

Does not bioaccumulate. -2-(2-ethoxyethoxy)ethanol (111-90-0)
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. Endocrine disrupting properties

No known.

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.

Suggested EWC-codes:

14 06 03* Other solvents and solvent mixtures.

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 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 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.
H302 Harmful if swallowed
H314 Causes severe skin burns and eye damage.
H315 Causes skin irritation.
H318 Causes serious eye damage.
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 2: 2021-02-26
Safety data sheet according to Regulation (EC) No. 1907/2006 and (EG) 2020/878.
Version 1: 2017-01-31

Sources

Safety data sheet provided by the manufacturer. CLP-regulation
www.kemi.se (Database), AFS 2018:1, 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