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

1.1 Product identifier	Pica 71
UFI	6300-U0MX-U00V-8VY5
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
Homepage/E-mail	www.picakemi.se/picakemi@picakemi.se
1.4 Emergency telephone number	For poison information call, NHS 111 (England), NHS 24 (Scotland) or NHS Direct (Wales), in emergencies call 999.

SECTION 2: Hazards identification

2.1 Classification of the substance or mixture

Classification CLP (1272/2008/EC)

The product is not classified as dangerous according to Regulation (EC) No. 1272/2008.

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.

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)*
Dimethyl glutarate	1119-40-0 214-277-2 01-2119475445-32-0005	20 - 40	-	-
Dimethyl adipate	627-93-0 211-020-6 01-2119475445-32-0005	5 - 15	-	-
Dimethyl succinate	106-65-0 203-419-9 01-2119475445-32-0005	5 - 15	-	-
2-(2-ethoxyethoxy)ethanol	111-90-0 203-919-7 01-2119475105-42	15 - 20	-	-
2-butoxyethanol 603-014-00-0	111-76-2 203-905-0 01-2119475108-36	1 - <10	Acute tox. 4 Acute tox. 4 Skin Irrit. 2 Eye Irrit. 2 Acute tox. 4	H302 H312 H315 H319 H332
benzyl alcohol Index: 603-057-00-5	100-51-6 202-589-9 01-2119492630-38	1 - <10	Acute Tox. 4 Acute Tox. 4	H302 H332

* The full text of Hazard statement Codes are listed under section 16.
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
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. Do not provoke vomiting unless directed by medical personnel. Contact a doctor.

SECTION 4: First aid measures (...)

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

Inhalation:	May be irritating if inhaled (Cough)
Skin contact:	May be irritating on skin contact. (Redness, burning)
Eye contact:	May be irritating to eyes. (Pain, redness)
Ingestion:	Ingestion 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
Foam, powder, carbon dioxide.
Do not use strong water jet, foam with environmentally hazardous substances.
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 Advice for firefighters
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.

SECTION 6: Accidental release measures

6.1 Personal precautions, protective equipment and emergency procedures
Use personal protective equipment.
6.2 Environmental precautions
Do not flush 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 dirt.
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.
7.2 Conditions for safe storage, including any incompatibilities
Store in tightly closed container.
7.3 Specific end use(s)
-

SECTION 8: Exposure controls/personal protection

8.1 Appropriate engineering controls
Ensure good 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
2-(2-ethoxyethoxi)ethanol	111-90-0	15 ppm 80 mg/m³	30 ppm 170 mg/m³	H,V
2-butoxyethanol	111-76-2	10 ppm 50 mg/m³	50 ppm 246 mg/m³	
Dimetyladipat	627-93-0	5 ppm 36 mg/m³	-	-
Dimetylglutarat	1119-40-0	5 ppm 33 mg/m³	-	-
Dimetylsuccinat	106-65-0	5 ppm 30 mg/m³	-	-

Explanation of note
V = Indicative short-term limit value. H = The substance can be easily absorbed through the skin.

British limit values (EH40/2005 Workplace exposure limits)

Substance	CAS Nr	Long-term exposure Limit	Short-term exposure limit	Comments
2-Butoxyethanol	111-76-2	25 ppm 123 mg/m³	50 ppm 246 mg/m³	Sk, BMGV

DNEL

2-butoxyethanol (111-76-2)	Long term exposure - Consumers Systematic effects, oralt: 3,2 mg/kg Short term exposure – Consumers Systematic effects, oralt: 44,5 mg/kg Short term exposure – Consumers Systematic effects, oralt: 13,4 mg/kg Short term exposure – Consumers Local effects, inhalation: 123 mg/m³ Long term exposure - Consumers Systematic effects, dermalt: 38 mg/kg Long term exposure - Consumers Systematic effects, inhalation: 49 mg/m³ Short term exposure – Workers Systematic effects, dermalt: 89 mg/kg Short term exposure – Workers Systematic effects, inhalation: 663 mg/m³ Short term exposure – Workers Local effects, inhalation: 246 mg/m³ Long term exposure - Workers Systematic effects, dermalt: 75 mg/kg Long term exposure - Workers Systematiska effekter, inhalation: 98 mg/m³

SECTION 8: Exposure controls/personal protection (…)

DNEL

2-(2-ethoxyethoxy)ethanol (111-90-0)	Long term exposure - Consumers Local effects, inhalation: 9 mg/m3 Long term exposure - Consumers Systematic effects, inhalation: 18,3 mg/m^3 Long term exposure - Consumers Systematic effects, dermal: 25 mg/kg Long term exposure - Consumers Systematic effects, Oral: 25mg/kg Long term exposure - Workers Local effects, 18 mg/m3 Long term exposure - Workers Systematic effects, inandning: 37 mg/m^3 Long term exposure - Workers Systematic effects, dermal: 50mg/kg
Benzyl alcohol (100-51-6)	Long term exposure - Workers Systematic effects, inhalation: 22 mg/m^3 Short term exposure – Workers Systematic effects, inhalation: 110 mg/m^3 Long term exposure - Workers Systematic effects, Dermalt: 8 mg/kg Short term exposure – Workers Systematic effects, Dermalt: 40 mg/kg Long term exposure - Consumers Systematic effects, inhalation: 5,4 mg/m^3 Short term exposure – Consumers Systematic effects, inhalation: 27 mg/m^3 Long term exposure - Consumers Systematic effects, Dermalt: 4 mg/kg Short term exposure – Consumers Systematic effects, dermalt: 20 mg/kg Long term exposure - Consumers Systematic effects, Oralt: 4 mg/kg Short term exposure – Consumers Systematic effects, Oralt 20 mg/kg

PNEC

2-(2-ethoxyethoxy)ethanol (111-90-0)	0,15 mg/kg	Earth
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
Benzyl alcohol (100-51-6)	1,0 mg/l	Freshwater
Benzyl alcohol (100-51-6)	0,1 mg/l	Saltvatten
Benzyl alcohol (100-51-6)	5,27 mg/kg	Sediment Freshwater
Benzyl alcohol (100-51-6)	0,527 mg/kg	Sediment Seawater
Benzyl alcohol (100-51-6)	0,456 mg/kg	Earth
Benzyl alcohol (100-51-6)	39 mg/l	Sewage Treatment Plant
2-butoxyethanol (111-76-2)	8,8 mg/l	Freshwater
2-butoxyethanol (111-76-2)	0,88 mg/l	Seawater
2-butoxyethanol (111-76-2)	34,6 mg/kg	Sediment Freshwater

SECTION 8: Exposure controls/personal protection (…)

PNEC (…)

2-butoxyethanol (111-76-2)	3,46 mg/kg	Sediment Seawater
2-butoxyethanol (111-76-2)	2,8 mg/kg	Earth
2-butoxyethanol (111-76-2)	463 mg/l	Sewage Treatment Plant

8.2 Exposure controls

General protective and hygiene measures

Wash hands during work breaks and at the end of the shift.
Avoid contact with eyes and 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 if the concentration exceeds workplace limits a respirator fit for purpose must be used. (Combined steam / particulate filter, EN141)

Hand protection

Use chemical resistant protective gloves.
When selecting gloves, several parameters should be taken into account, use, handling, breakthrugh time.

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:	Yellowish
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)	>65
Auto-ignition temperature	Not determined
Decomposition temperature	Not determined
pH	~7
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
Avoid contact with strong acids, bases and strong oxidizing substances.
10.5 Incompatible materials
Strong acids, bases and strong oxidizing substances.
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

2-butoxyethanol (111-76-2)	LD_{50} Oral Rat: 1746 mg/kg Oral ATE = 1200 mg/kg bw LC_{50} Inhalation Rat 4h: >4,26 mg/l LD_{50} Dermal Rat: >2000 mg/kg
DBE(EG-nr 906-170-0) Mixture of: Dimethyl glutarate (1119-40-0) Dimethyl succinate (106-65-0) Dimethyl adipate (627-93-0)	LD_{50} Oral Rat: >5000 mg/kg LD_{50} Derma Rat: >2000 mg/kg LC_{50} Inhalation Rat: 11000 mg/m^3
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} Inhalation Rat 74h: >5,24 mg/l
Benzyl alcohol (100-51-6)	LD_{50} oralt, Rat: 1 230 mg/kg LC_{50}, Inhalation., Rat, 4 h: > 4 178 mg/l LD_{50} dermalt, Rabbit: 2 000 mg/kg

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.

SECTION 11: Toxicological information (…)

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 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:

DBE(EG-nr 906-170-0) Mixture of: Dimethyl glutarate (1119-40-0) Dimethyl succinate (106-65-0) Dimethyl adipate (627-93-0)	EC_{50}, Algea 72h: 85 mg/l. LC_{50}, Daphnia, 24h: 112-150 ppm LC_{50}, Fish, 96 h: 18-24 ppm Sp: Pimephales promelas
2-(2-ethoxyethoxy)ethanol (111-90-0)	LD_{50} Fish 96h: > 10000 mg/l Sp: Pimephales promelas EC_{50} Algea 96h: >100 mg/l Sp: Pseudokirchnerella subcapitata LC_{50} Daphnia 48h: 1982 mg/l Sp: D. Magna
Benzyl alcohol (100-51-6)	LC_{50} Fish, 96 h: 646 mg/l EC_{50} Daphnia, 48 h: 230 mg/l EC_{50} Algea, 72 h: 770 mg/l

12.2 Persistence and degradability
2-butoxyethanol (111-76-2) - Readily biodegradable.
2-(2-ethoxyethoxy)ethanol (111-90-0)- Readily biodegradable.
Benzyl alcohol (100-51-6) - Readily biodegradable. >90% 30D OECD301d
12.3 Bioaccumulative potential
Does not bioaccumulate. - 2-(2-ethoxyethoxy)ethanol (111-90-0)
Benzyl alcohol (100-51-6) – Not considerd to bioaccumulate. Log Pow: 1.1
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 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 not 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: 20 01 30 detergents other than those mentioned in 20 01 29.
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
-
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
-

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:
H302 Harmful if swallowed
H312 Harmful in contact with skin.
H315 Causes skin irritation.
H319 Causes serious eye irritation.
H332 Harmful if inhaled.

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 5: 2022-12-12
Safety data sheet according to Regulation (EC) No. 1907/2006 annex II and EC/2020/878.
Changes made in section 1.4; 2.3; 4.1; 11.1; 11.2; 12.6 & 16.

Previous versions
Version 1: 2006-05-10
Version 2: 2006-06-20
Version 3: 2013-10-14
Version 4: 2020-10-01

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