Safety data sheet

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

Pica 790

Date of last issue: 2021-11-08 (Version2)

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

1.1 Product identifier	Pica 790 UFI: YC00-C0Q4-S00C-8WQC
1.2 Relevant identified uses of the substance or mixture and uses advised against	Graffiti remover For professional use only.
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	Swedish poison information (in less acute cases during office hours) +46(0)10-4566700

SECTION 2: Hazards identification

2.1 Classification

Classification CLP (1272/2008/EC)
Acute toxicity (oral), Hazard Category 4: H302
Aspiration hazard, Hazard Category 1: H304
Skin corrosion/irritation, Hazard Category 2: H315
Serious eye irritation - Category 2; H319
Specific target organ toxicity — Single exposure, Hazard Category 3: H335
Specific target organ toxicity — Single exposure, Hazard Category 3: H336
Hazardous to the aquatic environment — Chronic Hazard, Category 3: H412

2.2 Label elements

Pictogram

Signal Word: Danger

Contents

Hydrocarbons C9 aromatics

Hazard statement Code(s)

H302 Harmful if swallowed.
H304 May be fatal if swallowed and enters airways.
H315: Causes skin irritation.
H319 Causes serious eye irritation.
H335 May cause respiratory irritation.
H336 May cause drowsiness or dizziness.
H412 Harmful to aquatic life with long lasting effects.

SECTION 2: Hazards identification (…)

Precautionary statements
P273 Avoid release to the environment.
P261 Avoid breathing vapours/spray.
P280 Wear protective gloves/protective clothing/eye protection/face protection
P301+P310 IF SWALLOWED: Immediately call a POISON CENTER or doctor/physician.
P302+P352 IF ON SKIN: Wash with plenty of soap and water.
P403+P233 Store in a well-ventilated place. Keep container tightly closed.
P501 Dispose of contents/container to an authorized waste treatment plant.

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)*
Hydrocarbons C9 aromatics	- 918-668-5 01-2119455851-35-xxxx	10-<25	Flam. Liq. 3 STOT SE 3 Aquatic Chronic 2 Asp. Tox. 1 STOT SE 3	H226 H335 H411 H304 H336
1-butylpyrrolidin-2-one	3470-98-2 222-437-8 01-2120062728-48	15-<25	Acute Tox. 4 Skin Irrit. 2 Eye Irrit. 2	H302 H315 H319
Dimethyl succinate	106-65-0 203-419-9	1-10	-	-
Dimethyl adipate	627-93-0 211-020-6	1-10	-	-
Dimethyl glutarate	1119-40-0 214-277-2	1-10	-	-
Alcohols, C9-11 ethoxylated	68439-46-3	1-5	Skin Irrit. 2 Eye Dam. 1	H315 H318

* 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

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

Fresh air and rest. Seek medical attention.

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. Do not provoke vomiting. Seek medical treatment immediately.

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

Inhalation:	At high concentration the vapours may irritate respiratory system. May cause headache, dizziness, drowsiness and impaired reactions.
Skin contact:	Causes skin irritation. (Redness, pain)
Eye contact:	Irritating to eyes. (Pain, redness, tearing)
Ingestion:	Harmful if swallowed. Can cause dizziness, vomiting, nausea. Inhalation of small amounts of liquid, while ingesting or vomiting can cause chemical pneumonia.

4.3 Indication of any immediate medical attention and special treatment needed

Risk of aspiration.

SECTION 5: Fire-fighting measures

5.1 Extinguishing media

Foam, powder, carbon dioxide.
Unsuitable Extinguishing Media: Water jet.

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. Fire residues and contaminated water should be disposed of in accordance with local regulations. Avoid release to the environment.

SECTION 6: Accidental release measures

6.1 Personal precautions, protective equipment and emergency procedures

Use personal protective equipment.
Do not breathe vapour.
Ensure adequate ventilation.

6.2 Environmental precautions

Do not flush larger amounts into surface water or sanitary sewer system.

6.3 Methods and material for containment and cleaning up

Re-use product if possible.
Contain spill with inert non-combustible material. Eg: Sand.

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 suitable personal protection.
Avoid contact with eyes and skin.
Ensure adequate ventilation.

7.2 Conditions for safe storage, including any incompatibilities

Keep away from sources of ignition.
Keep in original 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	Short time value	Note
Dimethyl succinate	106-65-0	5 ppm, 30 mg/m³	-	-
Dimethyl adipate	627-93-0	5 ppm, 36 mg/m³	-	-
Dimethyl glutarate	1119-40-0	5 ppm, 33 mg/m³	-	-

British limit values (EH40/2005 Workplace exposure limits)

Substance	CAS-nr	Long-term exposure limit	Short-term exposure limit	Comments
-	-	-	-	-

SECTION 8: Exposure controls/personal protection (…)

DNEL

Ämne	EG-nr / CAS-nr	Användnings -område	Exponeringsväg	Värde
Hydrocarbons C9 aromatics	918-668-5	Worker	Dermal	25 mg/kg/day
Hydrocarbons C9 aromatics	918-668-5	Worker	Inhalation	100 mg/m^3
Hydrocarbons C9 aromatics	918-668-5	Consumer	Dermal	11 mg/kg/day
Hydrocarbons C9 aromatics	918-668-5	Consumer	Inhalation	32 mg/m^3
Hydrocarbons C9 aromatics	918-668-5	Consumer	Ingestion	11 mg/kg/day

PNEC

None.

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 or there is a risk of inhalation of spraymist a respirator fit for purpose must be used.

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:	Not available
Odour	Solvent
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):	>63
Auto-ignition temperature	Not determined
Decomposition temperature	Not determined
pH	Not determined
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 under recommended storage and handing conditions
10.4 Conditions to avoid
No known
10.5 Incompatible materials
Avoid oxidizing agents, strong acids, 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

At high concentration the vapours may irritate respiratory system.

Skin contact

Causes skin irritation.

Eye contact:

Irritant.

Ingestion:

Harmful if swallowed.

Acute toxicity

Information about this preparation is not available.

Toxicology data for the containing components

1-butylpyrrolidin-2-one (3470-98-2)	LD_{50} Oralt rat: 300-2000 mg/kg LD_{50} Dermalt rat: > 2000 mg/kg
Alcohols, C9-11 ethoxylated (68439-46-3)	LD_{50} Oralt rat: > 5000 mg/kg LD_{50} Dermalt rat: > 2000 mg/kg

STOT-single exposure -repeated exposure

May cause respiratory irritation. May cause drowsiness or 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.

Danger to aspiration

Yes

11.2. Information on other hazards

No known.

SECTION 12: Ecological information

This product is 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:

Hydrocarbons C9 aromatics (-)	LC_{50} Fish 96h: 9,2 mg/l EC_{50} Daphnia 48: 3,2 mg/l EC_{50} Algea 72h: 1,0 mg/l
1-butylpyrrolidin-2-one (3470-98-2)	LC_{50} Fish 96h: > 100 mg/l EC_{50} Daphnia 48: > 100 mg/l EC_{50} Algea 72h: 130 mg/l
Alcohols, C9-11 ethoxylated (68439-46-3)	LC_{50} Fish 96h: >1-10 mg/l EC_{50} Daphnia 48: >1-0 mg/l EC_{50} Algea 72h: >1-10 mg/l

12.2 Persistence and degradability

Hydrocarbons C9 aromatics (-) - readily biodegradeable
Mixture of: Dimethyl succinate(106-65-0) imethyl adipate (627-93-0) and Dimethyl glutarate(1119-40-0) – readily biodegradeable
1-butylpyrrolidin-2-one (3470-98-2) – readily biodegradeable
Alcohols, C9-11 ethoxylated (68439-46-3) – readily biodegradeable

12.3 Bioaccumulative potential

1-butylpyrrolidin-2-one (3470-98-2) – No bioaccumulation. Log Pow 1.265
Dimethyl succinate (106-65-0) – No bioaccumulation. Log Pow 0.35
Alcohols, C9-11 ethoxylated (68439-46-3) – Bioaccumulation unlikley

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. Do not empty into drain or aquatic environment.

Suggested EWC-codes:

14 06 03* Other solvents and solvent mixtures.
20 01 29* detergents containing 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

-

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

-

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:

H226 Flammable liquid and vapour.
H302 Harmful if swallowed.
H304 May be fatal if swallowed and enters airways.
H315 Causes skin irritation.
H319 Causes serious eye irritation.
H318 Causes serious eye damage.
H335 May cause respiratory irritation.
H336 May cause drowsiness or dizziness.
H411 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 1: 2018-02-16
Version 2: 2021-11-08
Safety data sheet according to Regulation (EC) No. 1907/2006 and (EG) 2020/878.

SECTION 16: Other information (…)

Sources

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