

Date: 2015-10-26 (Version1)

## PICA 790

### SECTION1: Identification of the substance/preparation and of the company/undertaking

<b>1.1 Product identifier</b>	PICA 790
<b>1.2 Relevant identified uses of the substance or mixture and uses advised against</b>	Graffiti removal. Professional use only.
<b>1.3 Details of the supplier of the safety data sheet</b>	PICA Kemi AB
<b>Address</b>	Kabingatan 13 SE-212 39 Malmö
<b>Telephone/ telefax</b>	+46(0)40-185820/+46(0)40-185823
<b>Contact</b>	<a href="http://www.picakemi.se">www.picakemi.se</a> / <a href="mailto:picakemi@picakemi.se">picakemi@picakemi.se</a>
<b>1.4 Emergency telephone number</b>	+46 (0)8-331231 Poison information

### SECTION 2: Hazards identification

#### 2.1 Classification:

Classification CLP (1272/2008/EC)

Aspiration toxicity - Category 1; H304

Skin irritation - Category 2; H315

Serious eye irritation - Category 2; H319

Specific target organ toxicity after single exposure - Category 3; H335

Specific target organ toxicity after single exposure - Category 3; H336

Reproductive toxicity - Category 1B; H360

Long-term aquatic hazard Category: Chronic 2; H411

#### 2.2 Label elements:

##### Pictogram



**Signal Word:** Danger

#### Containing substances

Hydrocarbons, C9, aromatics, N-methyl-2-pyrrolidone

#### Hazard statement Code(s)

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.

H360 May damage fertility or the unborn child.

H411 Toxic to aquatic life with long lasting effects.

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## SECTION 2: Hazards identification (...)

### Precautionary statements

P403+P233 Store in a well-ventilated place. Keep container tightly closed.  
 P405 Store locked up.  
 P273 Avoid release to the environment.  
 P391 Collect spillage.  
 P201 Obtain special instructions before use.  
 P308+P313 IF exposed or concerned: Get medical advice/attention.  
 P280 Wear protective gloves/protective clothing/eye protection/face protection.  
 P261 Avoid breathing vapours/spray.  
 P301+P310 IF SWALLOWED: Immediately call a POISON CENTER or doctor/physician.  
 P331 Do NOT induce vomiting.  
 P305+P351+P338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.  
 P337+P313 Vid bestående ögonirritation: Sök läkarhjälp.  
 P302+P352 IF ON SKIN: Wash with plenty of water and soap.  
 P362 Take off contaminated clothing and wash before reuse.  
 P501 Dispose of contents/container to an authorized waste treatment plant.

### 2.3 Other hazards

Professional use only.

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	30-40	Flam. Liq. 3 Asp. Tox. 1 STOT SE 3 STOT SE 3 Aquatic Chronic 2 -	H226 H304 H335 H336 H411 EUH066
N-methyl-2- pyrrolidone	872-50-4 212-828-1 01-2119472430-46-xxxx	10-25	Skin Irrit. 2 Eye Irrit. 2 STOT SE 3 Repr. 1B	H315 H319 H335 H360D
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	-	-

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### SECTION 3: Composition/information on ingredients (...)

Components	CAS-No EC-No Reg-No	Conc %	Hazard Class and Category Code(s)	Hazard statement Code(s)*
Fatty alcohol ethoxylated	160875-66-1 -	1-<3	Acute Tox. 4 Eye Dam. 1	H302 H318

\* The full text of Hazard statement Codes are listed under heading 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 [www.echa.europa.eu](http://www.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.

Never give fluids or induce vomiting if patient is unconscious.

Keep person warm and calm.

##### Inhalation

Fresh air. Contact a doctor.

##### Skin contact

Immediately, take off all contaminated clothing. Wash with soap and water and rinse the skin thoroughly.

Contact a doctor if the complaints persist.

##### Eye contact

Important! Rinse immediately with 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. Seek medical attention. Do not provoke vomiting. Risk of aspiration.

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

**General Information:** Reproductive toxicity: This product contains teratogenic substances which can do long-term damage to human offspring. The effects on the child can be: death, deformity, delayed development, and functional disorders

**Inhalation:** High concentrations may be irritating to the respiratory system. May cause headache, dizziness, fatigue, nausea and slower reactivity.

**Skin contact:** Irritating to skin. (Redness, pain). Contains substances that can be absorbed by the skin.

**Eye contact:** Irritating to eyes. (Pain, redness)

**Ingestion:** Harmful if ingested. Ingestion can cause nausea, vomiting and pain. Inhalation of small amounts of liquid, called aspiration, by ingestion or vomiting may cause chemical pneumonia.

#### 4.3 Indication of any immediate medical attention and special treatment needed

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## SECTION 5: Fire-fighting measures

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### 5.1 Extinguishing media

Use powder, carbon dioxide or foam.

### 5.2 Special hazards arising from the substance or mixture

During fire - May make explosive mixtures with air.

Do not breathe fumes it might be harmful. Nitrous gases may be formed.

### 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.

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

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## SECTION 6: Accidental release measures

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### 6.1 Personal precautions, protective equipment and emergency procedures

Use personal protective equipment.

Avoid contact with skin and eyes.

Remove all ignition sources.

Do not breathe vapour.

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

Absorb larger spillage with non-combustible materials e.g. sand.

### 6.4 Reference to other sections

For handling and storage, see section 7.

For personal protection, see section 8.

For disposal of spillage, see section 13.

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## SECTION 7: Handling and storage

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### 7.1 Precautions for safe handling

Normal precautions taken when handling chemicals should be observed.

Use personal protective equipment.

Avoid contact with skin and eyes. Ensure adequate ventilation.

Eyewash station should be provided.

### 7.2 Conditions for safe storage, including any incompatibilities

Store protected from heat sources and ignition sources.

Store in tightly closed original container.

### 7.3 Specific end use(s)

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### SECTION 8: Exposure controls/personal protection

#### 8.1 Control parameters:

##### Appropriate engineering controls

Provide adequate ventilation. Eyewash station should be provided.

Handle in such manner that direct contact with the product could be avoided.

##### 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
N-methyl-2-pyrrolidone	-	50 ppm 200 mg/m <sup>3</sup>	-	75 ppm 200 mg/m <sup>3</sup>	H
Dimethyl succinate	106-65-0	5 ppm 30 mg/m <sup>3</sup>	-	-	-
Dimethyl adipate	627-93-0	5 ppm 36 mg/m <sup>3</sup>	-	-	-
Dimethyl glutarate	1119-40-0	5 ppm 33 mg/m <sup>3</sup>	-	-	-

##### Explanation note:

H = Can be easily absorbed through the skin.

Hydrocarbons, C9, aromatics	Exposure - Workers Effects, dermal: 25 mg/kg/day Exposure - Workers Effects, inhalation: 150 mg/m <sup>3</sup> Exposure - Consumers Effects, dermal: 11 mg/kg/day Exposure - Consumers Effects, inhalation: 32 mg/m <sup>3</sup> Exposure - Consumers Effects, oral: 11 mg/kg/day
N-methyl-2-pyrrolidone (872-50-4)	Short term exposure - Consumers Systematic effects, inhalation: 80 mg/m <sup>3</sup> Long term exposure - Consumers Systematic effects, inhalation: 12.5 mg/m <sup>3</sup> Short term exposure - Consumers Systematic effects, oral: 26 mg/kg Long term exposure - Consumers Systematic effects, oral: 6.3 mg/kg Short term exposure - Consumers Systematic effects, dermal: 125 mg/kg Long term exposure - Consumers Systematic effects, dermal: 11.9 mg/kg Long term exposure - Workers Systematic effects, dermal: 19.8 mg/kg Short term exposure - Workers Systematic effects, inhalation: 80 mg/m <sup>3</sup> Long term exposure - Workers Systematic effects, inhalation: 40 mg/m <sup>3</sup>

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### SECTION 8: Exposure controls/personal protection (...)

#### PNEC

N-methyl-2-pyrrolidone (872-50-4)	0,25 mg/l	Freshwater
N-methyl-2-pyrrolidone (872-50-4)	0,025 mg/l	Seawater
N-methyl-2-pyrrolidone (872-50-4)	0,138 mg/kg	Soil

#### 8.2 Exposure controls:

##### General protective and hygiene measures

Wash hands before breaks and after work. Avoid contact with skin and eyes.

Handle in accordance with good industrial hygiene and safety practice.

##### Individual protection measures, such as personal protective equipment:

Always consult a competent person/supplier when selecting personal protective equipment.

##### Respiratory protection

In inadequately ventilated places, if workplace limits are exceeded or at the risk of inhalation of spray mist, a gasmask approved for this purpose must be worn.

##### Eye protection

Wear tightly fitting protective goggles.

##### Hand protection

Use chemical-resistant gloves. (E.g. Nitrile rubber, Butyl rubber) When selecting gloves, several parameters should be taken into account, use, handling, breakthrough time.

##### Clothing requirements

Wear chemical-resistant 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:	Solvent
pH-value (Conc.):	About 7
Melting point/ Freezing point (°C):	Not available
Boiling point/range: (°C):	Not available
Flash point (°C):	>63
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:	Viscous
Explosive properties:	Not available

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## SECTION 9: Physical and chemical properties (...)

**Oxidising properties:** Not available

### 9.2 Other information:

No specific.

## SECTION 10: Stability and reactivity

### 10.1 Reactivity

Stable under recommended storage and handling conditions.

### 10.2 Chemical stability

Stable under recommended storage and handling conditions.

### 10.3 Possibility of hazardous reactions

None under recommended handling conditions

### 10.4 Conditions to avoid

No known.

### 10.5 Incompatible materials

Strong acids, strong bases, strong oxidizing agents.

### 10.6 Hazardous decomposition products

No hazardous decompositions products known under recommended handling 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 may be irritating to the respiratory system.

#### Skin contact

Irritating to skin. (Redness, pain). Contains N-methyl-2-pyrrolidone that can be absorbed by the skin.

#### Eye contact

Irritant.

#### Ingestion

May be fatal if swallowed and enters airways. May cause chemical pneumonia.

### Acute toxicity

Information about this preparation is not available.

### Toxicology data for the containing components:

Hydrocarbons, C9, aromatics (-)	LD <sub>50</sub> Oral rat: 3592 mg/kg LD <sub>50</sub> Dermal rabbit: > 3160 mg/kg LC <sub>50</sub> Inhaled rat 4h: 6193 mg/l
<b>N-methyl-2-pyrrolidone (872-50-4)</b>	LD <sub>50</sub> Oral rat: 4150 mg/kg LD <sub>50</sub> Dermal rat: > 5000 mg/kg LC <sub>50</sub> Inhaled rat 4h: >5,1 mg/l
<b>Fatty alcohol ethoxylated (160875-66-1)</b>	LD <sub>50</sub> Oral rat: 300 - 2000 mg/kg

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## SECTION 11: Toxicological information (...)

### STOT-single exposure -repeated exposure

May cause drowsiness or dizziness.

### Routes of exposure

Inhalation, eyes and skin. (Ingestion)

### Allergenic potential

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

### Carcinogenicity, mutagenicity and toxicity for reproduction

This product is classified as toxic for reproduction. May damage fertility or the unborn child.

Reproductive toxicity: This product contains teratogenic substances which can do long-term damage to human offspring. The effects on the child can be: death, deformity, delayed development, and functional disorders

### Other information

Risk of aspiration if ingested.

## SECTION 12: Ecological information

This product is classified as dangerous for the environment. Toxic to aquatic life with long lasting effects. Do not flush into surface water or sanitary sewer system.

### 12.1 Toxicity

Information about this preparation is not available.

### Toxicology data for the containing components:

Hydrocarbons, C9, aromatics (-)	EC <sub>50</sub> Daphnia 48h: 3.2 mg/l Sp: Daphnia magna
<b>N-methyl-2-pyrrolidone (872-50-4)</b>	LC <sub>50</sub> Fish 96h: >500 mg/l EC <sub>50</sub> Daphnia 24h:>1000 mg/l EC <sub>50</sub> Algae 72h: 6000.5 mg/l
<b>Fatty alcohol ethoxylated (160875-66-1)</b>	LC <sub>50</sub> Fish 96h: 10-100 mg/l Sp: Brachydanio rerio EC <sub>50</sub> Daphnia 48h: 10-100 mg/l Sp: Daphnia magna EC <sub>50</sub> Algae 72h: 10-100 mg/l Sp: Scenedesmus subspicatus

### 12.2 Persistens och nedbrytbarhet

Hydrocarbons, C9, aromatics (-) - Readily biodegradable.

N-methyl-2-pyrrolidone (872-50-4) - Readily biodegradable.

Fatty alcohol ethoxylated (127036-24-2) - Readily biodegradable.; > 90 %, OECD303A

### 12.3 Bioackumuleringsförmåga

Does not bioaccumulate. - Hydrocarbons, C9, aromatics (-)

### 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

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**SECTION 13: Disposal considerations**

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**13.1 Waste treatment methods:**

Dispose of in accordance with local authority requirements.

Hazardous waste.

Do not empty into drain.

**EWC code:** Depends on line of business and use.

Suggested EWC-code:

14 06 03\* other solvents and solvent mixtures.

20 01 29\* detergents containing dangerous substances.

**Disposal of Packaging:**

Empty and cleaned packaging can be recycled.

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**SECTION 14: Transport information**

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**14.1 UN number**

3082

**14.2 Proper shipping name (IMDG, IATA/ICAO)**

Environmentally hazardous substance, liquid, N.O.S. (Hydrocarbons, C9, aromatics)

**14.3 Transport hazard class(es)**

9

**14.4 Packing group**

III

**14.5 Environmental hazards**

Marine pollutant: Yes

**14.6 Special precautions for user**

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**14.7 Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code**

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**LQ**

5L

**Tunnel restriction code**

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**SECTION 15: Regulatory information**

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**15.1 Föreskrifter/lagstiftning om ämnet eller blandningen när det gäller säkerhet, hälsa och miljö**

Classification according to CLP (1272/2008/EC).

**15.2 Kemikaliesäkerhetsbedömning**

Ingen utförd.

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**SECTION 16: Other information**

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**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.  
H318 Causes serious eye damage.  
H319 Causes serious eye irritation.  
H335 May cause respiratory irritation.  
H336 May cause drowsiness or dizziness.  
H360 May damage fertility or the unborn child.  
H411 Toxic to aquatic life with long lasting effects.  
EUH066 Repeated exposure may cause skin dryness or cracking.

This information is provided for health and safety assessments by an industrial user. Reference should be made to any relevant local or national health, safety, and environmental legislation.

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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](http://www.kemi.se) (Databases), AFS 2011:18, [www.ecb.europa.eu](http://www.ecb.europa.eu) (Databases).

**Abbreviations explanations**

ADR: International Carriage of Dangerous Goods by Road  
BCF: Bio Concentration Factor  
CAS-nr: Chemical Abstracts Service number  
EC<sub>50</sub>: Effect Concentration  
EG-nr: A substance number i EINECS, ELINCS or in No-Longer Polymers List.  
IMDG: International Maritime Dangerous Goods Code.  
LC<sub>50</sub>: Lethal Concentration  
LD<sub>50</sub>: Lethal Dose  
IC<sub>50</sub>: 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

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