

INA SOLVEN ELO 10

1. PRODUCT AND COMPANY IDENTIFICATION

Commercial name: **INA SOLVEN ELO 10**

Supplier identification: INA MAZIVA Ltd
Member of INA Group

Address: Croatia, 10000 Zagreb, Radnička cesta 175, p.p. 270

Tel. / fax. : +385 1 2412 352 / +385 1 2412 458

Emergency tel. number: 112

Product use: Special cleaner based on solvents for cleaning the electrical equipment.

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2. HAZARDS IDENTIFICATION

2.1 Classification of the substance or mixture

Classification according to Directive 1999/45/EC (DPD)

Harmful: may cause lung damage if swallowed.
Repeated exposure may cause skin dryness or cracking.

Classification according to Regulation (EC) No 1272/2008 (CLP/GHS)

Asp.tox.1
H304
EUH066

2.2 Label elements

Labelling according to Directive 1999/45/EC

Xn



Harmful

R 65 - Harmful: may cause lung damage if swallowed
R 66 - Repeated exposure may cause skin dryness or cracking.
S 2 - Keep out of the reach of children
S 23 - Do not breathe vapour
S 24/25 - Avoid contact with skin and eyes
S 26 - In case of contact with eyes, rinse immediately with plenty of water and seek medical advice
S 45 - In case of accident or if you feel unwell, seek medical advice immediately (show the label where possible).

2.3 Other hazards Flash point >61 °C

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3. COMPOSITION / INFORMATION ON COMPONENTS

Chemical:

Preparation:

Chemical composition of mixture:

Mixture of hydrocarbons.

Ingredients contributing to the hazard:

Name substance / impurity	Concentration % m/m	EC No.	Classification on 67/548 (EC)	Classification 1272/2008 (EC)	REACH registration number
De-aromatized hydrocarbons	50 - 100	918-481-9	Xn, R 65, 66	Asp.tox.1 H 304, EUH066	01- 2119457273 -39-xxxx

4. FIRST AID MEASURES

First aid measures to be taken:

inhalation

Remove exposed person to fresh air, ask for medical help.

skin contact

Wash thoroughly with soap and water.

eye contact

Flush with water at least 15 minutes, ask for medical help.

ingestion

Do not induce vomiting. If conscious, give 2 glasses of water. Get immediate medical attention.

Notes to physician:

See chapter 2. and 3.

Symptoms:

Eye:

Eye contact may cause redness and irritation.

Skin:

Skin contact may cause irritation.

Ingestion:

Aspiration hazard if swallowed. Can enter lungs and cause damage. Ingestion of this material may result in stomach pain, nausea, vomiting, coughing.

Inhalation:

Inhalation of vapours may cause headache, nausea, dizziness.

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5. FIRE – FIGHTING MEASURES

Extinguishing media:

suitable

Foam, dry chemical powder, carbon dioxide CO₂ (in closed area).

not suitable

Water.

Hazardous Combustion Products:

Smoke, fume, oxides of carbon and incomplete combustion products.

Fire - fighting measures for specific hazards:

None.

Specific methods of fire - fighting:

None.

Special equipment for the protection of firefighters:

Self containing breathing apparatus, personal protective clothing and shoes.

Special precautions for firefighters:

No action shall be taken involving any personal risk or without suitable training. Promptly isolate the scene by removing all persons from the vicinity of the incident if there is a fire.

Other hazards:

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6. ACCIDENTAL RELEASE MEASURES

Personal precautions:

Use suitable protective equipment (see chapter 8).

Environmental precautions:

Avoid dispersal of spilt material and runoff and contact with soil, waterways, drains and sewers. Inform the relevant authorities if the product has caused environmental pollution (sewers, waterways, soil or air).

Methods for cleaning up and recovery:

Pick up with absorbent material (sand, sawdust, soil) or with proper equipment. Place spilled material in an appropriate container for disposal.

Additional warning:

Remove inflammable source.

7. HANDLING AND STORAGE

Handling:

precaution measures

Use suitable protective equipment (see chapter 8). Ensure thorough ventilation of stores and work areas.

safe handling advice

Remove inflammable source, avoid contact with strong oxidizing agents.

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Storage:

Technical measures and storage conditions:
suitable

Store in closed well-ventilated or roofed over warehouse. Recommended storage temperature between 5 and 40 °C. Storage time: 24 months.

to be avoided

Keep away from direct sunlight or any source of ignition and strong oxidants.

Packaging materials:

recommended

Solid, impermeable.

8. EXPOSURE CONTROLS / PERSONAL PROTECTION

Engineering measures to reduce exposure:

Use with adequate ventilation. Wash hands, forearms and face thoroughly after handling chemical products. Ensure that eyewash stations and safety showers are close to the workstation location.

Personal protective equipment:

respiratory protection

Avoid inhalation of vapours. In case of insufficient ventilation, use full face respirator with a combination organic vapor and high efficiency filter cartridge.

hand protection

Use protective gloves EN 374. Recommended: Nitrile gloves

eye protection

Use protective goggles EN 166 where eye contact can accidentally occur.

skin and body protection

Use protective clothing and shoes.

Specific hygiene and caution measures:

Do not drink, eat and smoke in the workplace, wash hands thoroughly after contact. Do not use contaminated clothing.

9. PHYSICAL AND CHEMICAL PROPERTIES

INA SOLVEN ELO 10	Method	
Physical state		liquid
Colour		colourless-yellow
Odour		characteristic
Flash point °C, min.	ISO 2719	61
Solubility in water		insoluble

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Solubility in petrol		soluble
Density (20 °C) (typically)	ISO 3675	0,78

10. STABILITY AND REACTIVITY

Stability:	Stable under normal working conditions.
Condition to avoid:	Avoid high temperature, spark, open flame and direct sunlight.
Materials to avoid:	Avoid contact with water and strong oxidizing agents.
Hazardous decomposition products:	Material does not decompose at ambient temperatures. Smoke, fume, oxides of carbon can be released during the heating or fire.
Reasonably foreseeable misuse:	For other applications without consulting the producer.

11. TOXICOLOGICAL INFORMATION

ACUTE TOXICITY

LD50/oral/rat	No data
LD50/dermal/rabbit	No data
LC50/inhalation/rat	No data

POTENTIAL ACUTE HEALTH EFFECTS

Inhalation:	At higher temperatures, i.e. when vapour concentration is high, weakness and headache might develop.
Skin:	Repeated exposure may cause skin dryness or cracking.
Eyes:	Prolonged, repeated eye contact may result in possible irritation
Ingestion:	May be fatal if swallowed and enters airways. Can enter lungs and cause damage.

POTENTIAL CHRONIC HEALTH EFFECTS

General	No known significant effects or critical hazards.
Carcinogenicity	No known significant effects or critical hazards.
Mutagenicity	No known significant effects or critical hazards.

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12. ECOLOGICAL INFORMATION

Toxicity	Daphnia magna(EEC No L 383 A/172): EC50, 48h = >100 mg/l
	Microorganisms/Effect on activated sludge: ÖNORM B5104 ch. 7.4): Non harmful for microorganisms of activated sludge. No relevant data available.
Persistence / degradability:	No relevant data available.
Bioaccumulative potential	No relevant data available.
Soil/water partition coefficient (KOC)	No relevant data available.
Mobility	No relevant data available.
Results of PBT and vPvB assessment	No relevant data available.
Other ecological information	Spills may form a film on water surfaces causing physical damage to organisms. Oxygen transfer could also be impaired.

13. DISPOSAL INFORMATION

Preferred disposal considerations:	
waste from residues	Waste must be disposed of in accordance with federal, state and local environmental control regulations.
contaminated packaging	Packaging must be disposed of in accordance with federal, state and local environmental control regulations.
Local disposal regulations:	In accordance with local regulations.

14. TRANSPORT INFORMATION

Classification codes for transport:	Not classified as hazardous for transport.
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15. REGULATORY INFORMATION

Applicable regulations:	EU Regulation (EC) No. 1907/2006 (REACH)
Annex XIV - List of substances subject to authorisation	
Substances of very high concern	None of the components are listed.

 <p>INA[®] MAZIVA d.o.o. ČLAN INA GRUPE</p>	<p>SAFETY DATA SHEET</p> <p>INA SOLVEN ELO 10</p>	Edition :	4 / 04.2014.
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16. OTHER INFORMATION

Full text of H statements

H 304 May be fatal if swallowed and enters airways
 EUH 066 Repeated exposure may cause skin dryness or cracking

Full text of R phrases

R 65 - Harmful: may cause lung damage if swallowed
 R 66 - Repeated exposure may cause skin dryness or cracking.

These safety-technical data refer to this product only and to the usual hazards known to the producer on this very date