



1. Identification of the substance/mixture and of the company/undertaking

Product identifier

Name of product elma unisol

Manufacturer/distributor

ELMA Hans Schmidbauer GmbH & Co KG
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Advice

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Emergency advice

Vergiftungs-Informations-Zentrale Freiburg
(Sprache/Language: D, GB)
Phone +49 761 19240

Recommended intended purpose(s)

Oil for watchmakers. For reoiling after cleaning use a mixture with the rinser "suprol special" : unisol = 33 : 1.

! 2. Hazards identification

Classification according to 67/548/EEC or 1999/45/EC

! Additional hints

The product is not classified as dangerous according to Directives 67/548/EEC or 1999/45/EC.

Labelling according to 67/548/EEC or 1999/45/EC

Remarks for labelling

The product does not require a hazard warning label in accordance with EC directives/German regulations on dangerous substances.

3. Composition/information on ingredients

Description

Mixture of different nonresinous oils. With siliconoil and paraffinoil. With dyestuff.

! 4. First aid measures

In case of skin contact

In case of contact with skin wash off with soap and water.

In case of eye contact

In case of contact with eyes rinsing with plenty of lukewarm water carefully and seek for medical treatment.

In case of ingestion

Do not induce vomiting.

If swallowed seek medical advice immediately and show the doctor packing or label.

! Physician's information / possible dangers

In case of ingestion risk of pulmonary oedema and pneumonia.



! Treatment (Advice to doctor)

Continue to monitor for pneumonia and pulmonary oedema.

If swallowed, flush stomach adding activated charcoal.

Keep under medical supervision for at least 48 hours.

! 5. Firefighting measures

Suitable extinguishing media

Foam

Dry powder

Carbon dioxide

Extinguishing media which must not be used for safety reasons

Full water jet

! Special hazards arising from the substance or mixture

Risk of formation of toxic pyrolyse products.

In case of fire formation of dangerous gases possible.

Carbon monoxide (CO)

Special protective equipment for fire-fighters

Do not inhale explosion and/or combustion gases.

6. Accidental release measures

Personal precautions

High risk of slipping due to leakage/spillage of product.

Environmental precautions

Do not discharge into the drains/surface waters/groundwater.

Do not discharge into the subsoil/soil.

Methods for cleaning up

Send in suitable containers for recovery or disposal.

Take up with absorbent material (e.g. oil binder).

! 7. Handling and storage

! Advice on safe handling

Avoid formation of aerosols.

No special measures necessary if used correctly.

Advice on protection against fire and explosion

The product is hardly combustible.

Requirements for storage rooms and vessels

Keep only in unopened original container.

Advice on storage compatibility

Do not store together with oxidizing agents.

Further information on storage conditions

Keep container tightly closed.

Keep locked up, out of reach of children

Protect from heat and direct solar radiation.

Information on storage stability

Storage time: 5 years.



! 8. Exposure controls/personal protection

Hand protection

Gloves (oil-resistant)

Eye protection

safety goggles

! General protective measures

Avoid contact with eyes and skin

Do not inhale aerosols

Hygiene measures

Provide washing facilities at place of work.

Keep away from food and drink.

9. Physical and chemical properties

Form
liquid

Colour
red

Odour
mild

Important health, safety and environmental information

	Value	Temperature	at	Method	Remark
pH value in delivery state					not applicable
Flash point	> 100 °C				
Density	0,91 g/cm ³	20 °C			
Solubility in water					immiscible
Oxidizing properties	no				

! 10. Stability and reactivity

! Conditions to avoid

Heat and direct solar radiation.

Materials to avoid

Reactions with oxidising agents.

! Hazardous decomposition products

Carbon monoxide

risk of formation of toxic pyrolysis products

! 11. Toxicological information

Acute toxicity/Irritability/Sensitization

	Value/Validation	Species	Method	Remark
LD50 acute oral	> 4600 mg/kg		calculated	
Irritability skin	non-irritant			



Safety Data Sheet according to Regulation (EC)
No. 1907/2006 (REACH)

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	Value/Validation	Species	Method	Remark
Irritability eye	low irritant - no labeling duty			

! 12. Ecological information

Additional ecological information

	Value	Method	Remark
AOX	The product does not contain any organically bound halogens according to the recipe.		

! General regulation

Do not allow uncontrolled leakage of product into the environment.
Product is not allowed to be discharged into aquatic environment.

! 13. Disposal considerations

Waste code No.
13 02 08*

Name of waste
other engine, gear and lubricating oils

Wastes marked with an asterisk are considered to be hazardous waste pursuant to Directive 91/689/EEC on hazardous waste.

! Recommendations for the product

For recycling consult manufacturer.
Do not dispose with household waste. Do not discharge into the drains.
Remove in accordance with local official regulations.
Incinerate in suitable incineration plant, but care for official regulations.

Recommendations for packaging

Contaminated packaging should be emptied as far as possible and after appropriate cleansing may be taken for reuse.

14. Transport information

Land and inland navigation transport ADR/RID

No dangerous goods as defined by these transport regulations

Marine transport IMDG

No hazardous material as defined by the prescriptions.

Air transport ICAO/IATA-DGR

No hazardous material as defined by the prescriptions.

! 15. Regulatory information

VOC standard
VOC content

0 %



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16. Other information

Further information

These data are given according to our actual knowledge about this product. This data sheet does not correspond to an assurance by virtue of a contract for properties of the product.

Sources of key data used

Own measurements.