



! SECTION 1: Identification of the substance/mixture and of the company/undertaking

1.1. Product identifier

Name of product Universalschneidöl Alpha 93

1.2. Relevant identified uses of the substance or mixture and uses advised against

Identified uses

Sector of uses [SU]

SU22 - Professional uses: Public domain (administration, education, entertainment, services, craftsmen)

SU3 - Industrial uses: Uses of substances as such or in preparations at industrial sites

Recommended intended purpose(s)

Cutting, grinding, polishing

1.3. Details of the supplier of the safety data sheet

Manufacturer/distributor

joke Technology GmbH
Asselborner Weg 14-16, D-51429 Bergisch Gladbach
Phone +49 (0) 22 04 - 8 39 - 0, Fax +49 (0) 22 04 - 8 39 - 60
E-Mail info@joke.de
Internet www.joke.de

Advice

Stefan Spiegel
Phone +49 (0) 22 04 - 8 39 - 77
Fax +49 (0) 22 04 - 8 39 - 60
E-mail (competent person):
s.spiegel@joke.de

1.4. Emergency telephone number

Emergency advice

Vergiftungs-I-Z. Freiburg
Phone +49 (0) 7 61 - 1 92 40
REACH and CLP UK CA Help Desk; Telephone: +44
171 635 9191

SECTION 2: Hazards identification

2.1. Classification of the substance or mixture

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

Additional hints

This mixture is not classified as hazardous according to Regulation (EC) 1272/2008 [GHS].

2.2. Label elements

Labelling according to Regulation (EC) No 1272/2008 [CLP/GHS]

No information available.

2.3. Other hazards

Results of PBT and vPvB assessment

The substances in the mixture do not meet the PBT/vPvB criteria according to REACH, annex XIII.



! SECTION 3: Composition/ information on ingredients

3.1. Substances

not applicable

3.2. Mixtures

Hazardous ingredients

CAS No	EC No	Name	[% weight]	Classification according to Regulation (EC) No 1272/2008 [CLP/ GHS]
67762-38-3	267-015-4	Fettsäuren, C16-18 und C18-ungesättigt, Me-Ester	15 < 20	
92044-87-6	295-366-3	Fettsäuren, Kokos-, 2-Ethylhexylester	2,5 < 5	
		Fettsäuren, C16-18 und C18-ungesättigt, Me-Ester		
78-42-2	201-116-6	TRIS(2-ETHYLHEXYL)PHOSPHAT	0,1 < 1	
118-82-1	204-279-1	Ionox 220, 2,2', 6,6'-tetra-tert-butyl-4,4'-methylenediphenol	0,1 < 1	

REACH

CAS No	Name	REACH registration number
67762-38-3	Fettsäuren, C16-18 und C18-ungesättigt, Me-Ester	01-2119471664-32
92044-87-6	Fettsäuren, Kokos-, 2-Ethylhexylester	01-2119957315-34
	Fettsäuren, C16-18 und C18-ungesättigt, Me-Ester	
78-42-2	TRIS(2-ETHYLHEXYL)PHOSPHAT	01-2119517575-36
118-82-1	Ionox 220, 2,2', 6,6'-tetra-tert-butyl-4,4'-methylenediphenol	01-2119970557-25

SECTION 4: First aid measures

4.1. Description of first aid measures

General information

If threatening unconsciousness, position and transport in recovery position

In the event of persistent symptoms receive medical treatment.

Adhere to personal protective measures when giving first aid.

Take away from danger area and lay down affected person.

In case of inhalation

Remove the casualty into fresh air and keep him immobile.

In case of skin contact

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

Remove contaminated clothing immediately, even underwear and shoes.

In case of eye contact

Eye rinsing with water carefully while protecting unhurt eye.

Remove contact lenses, if possible

Medical treatment by eye specialist.

In case of ingestion

Do not induce vomiting.

Observe the aspiration hazard.

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

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

Physician's information / possible symptoms

No information available.



Physician's information / possible dangers

No information available.

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

Treatment (Advice to doctor)

Treat symptoms.

SECTION 5: Firefighting measures

5.1. Extinguishing media

Suitable extinguishing media

Fire-extinguishing activities according to surrounding.

Foam

Dry fire-extinguishing substance

Carbon dioxide

Water spray jet

water mist

Unsuitable extinguishing media

Full water jet

5.2. Special hazards arising from the substance or mixture

In the event of fire the following can be released:

Nitrogen oxides (NO_x)

Carbon monoxide (CO)

Carbon dioxide (CO₂)

5.3. Advice for firefighters

Special protective equipment for fire-fighters

Use breathing apparatus with independent air supply.

Wear full protective clothing.

Additional information

Cool endangered containers with water spray jet.

The vapors of the product can collect on the floor in higher concentration and ignite again.

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

Collect contaminated firefighting water separately, must not be discharged into the drains.

SECTION 6: Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures

For non-emergency personnel

Ensure adequate ventilation.

Remove persons to safety.

Personal protection by wearing close-fitting protective clothing and breathing apparatus.

Use personal protective clothing.

Keep away sources of ignition.

Use breathing apparatus if exposed to vapours/dust/aerosol.

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

For emergency responders

Use personal protective clothing.

Use breathing apparatus if exposed to vapours/dust/aerosol.



6.2. Environmental precautions

Do not discharge into the drains or bodies of water..
In case of pollution of waters or sewers, inform the competent authorities.
Suppress gases/vapours/mists with water spray jet

6.3. Methods and material for containment and cleaning up

Take up residues with absorbent material (e.g. sand, sawdust, general-purpose binder, kieselguhr).
After taking up the material dispose according to regulation.

Additional Information

Informations for personal protective equipment see chapter 8.

6.4. Reference to other sections

No information available.

SECTION 7: Handling and storage

7.1. Precautions for safe handling

Advice on safe handling

Use only in well-ventilated areas.

General protective measures

Do not inhale vapours.
Avoid contact with eyes and skin

Hygiene measures

Clean skin thoroughly after working.
At work do not eat, drink, smoke or take drugs.
Wash soiled clothing immediately.
Keep away from food and drink.

Advice on protection against fire and explosion

Keep away from sources of ignition

7.2. Conditions for safe storage, including any incompatibilities

Requirements for storage rooms and vessels

Keep in closed original container.

Advice on storage compatibility

Do not store with oxidizing agents.
Store and transport separate of food.
Do not store together with animal feedstuffs.

Further information on storage conditions

Protect from direct solar radiation.
Keep container dry, tightly closed and store at cool place.
Avoid product rests at / on containers.
Store at 5 to 40°C (=41 to 104°F).

Information on storage stability

Storage time: 3 years.

Storage group 10

Fire class B



7.3. Specific end use(s)
No information available.

SECTION 8: Exposure controls/personal protection

8.1. Control parameters
No information available.

8.2. Exposure controls
Respiratory protection

Environment-independent breathing apparatus.

In case of insufficient ventilation or long-term effect use breathing apparatus.

Hand protection

chemical-resistant gloves

Recommended glove brands DIN EN 374, skin protection plan: Lanex, Danak, TH30

Eye protection

safety goggles with side protection

Other protection measures

impermeable protective overall

Thermal hazards

Das Produkt ist brennbar und kann beim Erwärmen oder Versprühen entzündliche Gas/Luft-Gemische bilden.

SECTION 9: Physical and chemical properties

9.1. Information on basic physical and chemical properties

Appearance
liquid

Colour
amber

Odour
characteristic

Odour threshold

No information available.

Important health, safety and environmental information

	Value	Temperature	at	Method	Remark
pH value	No data available				
Boiling temperature / boiling range	not determined				
Melting point / Freezing point	not determined				
Flash point	> 180 °C			DIN EN 57	
Vapourisation rate	not determined				
Flammable (solid)	not determined				
Flammability (gas)	not determined				



	Value	Temperature	at	Method	Remark
Ignition temperature	not determined				
Self ignition temperature	not determined				
Lower explosion limit	not determined				
Upper explosion limit	not determined				
Vapour pressure	not determined				
Relative density	0,9 g/cm3	20 °C		DIN EN ISO 12185	
Bulk density	not determined				
Vapour density	not determined				
Solubility in water	No data available				
Solubility/other				No data available	
Partition coefficient n-octanol/water (log P O/W)	No data available				
Decomposition temperature	not determined				
Viscosity dynamic	not determined				
Viscosity kinematic	30 mm2/s	40 °C		ASTM D 7042	
Water content	No data available				
Solids content	No data available				
Oxidising properties	no				
Explosive properties	No information available.				
9.2. Other information	No information available.				

SECTION 10: Stability and reactivity

10.1. Reactivity

No hazardous reactions known.



10.2. Chemical stability

stable

10.3. Possibility of hazardous reactions

No hazardous reactions known.

10.4. Conditions to avoid

High temperatures, ignition sources, incompatible materials

10.5. Incompatible materials

Substances to avoid

Acid, concentrated

Oxidising agent, strong

10.6. Hazardous decomposition products

No hazardous decomposition products known.

SECTION 11: Toxicological information

11.1. Information on toxicological effects

Acute toxicity/Irritation/Sensitization

	Value/Validation	Species	Method	Remark
LD50 acute oral	No data available			
LD50 acute dermal	No data available			
LC50 acute inhalation	No data available			
Skin irritation	No information available.			
Eye irritation	No information available.			
Skin sensitization	non-sensitizing			

Subacute Toxicity - Carcinogenicity

	Value	Species	Method	Validation
Mutagenicity				no
Reproduction-Toxicity				no
Carcinogenicity				no
Specific target organ toxicity (single exposure)	no			
Specific target organ toxicity (repeated exposure)	no			



Aspiration hazard

No information available.

Toxicity test (Additional information)

No information available.

Experiences made from practice

No information available.

Additional information

Based on available data, the classification criteria are not met.

! SECTION 12: Ecological information

12.1. Toxicity

No information available.

12.2. Persistence and degradability

	Elimination rate	Method of analysis	Method	Validation
Physico-chemical degradability	No information available.			
Biological degradability	0 % (28 d) CAS-Nr. 78-42-2		OECD 301 B	not readily degradable
Degradability	No information available.			

12.3. Bioaccumulative potential

No information available.

12.4. Mobility in soil

Leaking substances can penetrate the soil and lead to contamination of the soil and groundwater.

12.5. Results of PBT and vPvB assessment

The substances in the mixture do not meet the PBT/vPvB criteria according to REACH, annex XIII.

12.6. Other adverse effects

Umweltgefährdung bei unsachgemäßer Handhabung oder Entsorgung nicht ausgeschlossen.

SECTION 13: Disposal considerations

13.1. Waste treatment methods

Waste code No.

13 02 05*

Name of waste

mineral-based non-chlorinated engine, gear and lubricating oils

Wastes marked with an asterisk are considered to be hazardous waste pursuant to Directive 2008/98/EC on hazardous waste.

Recommendations for the product

Collect waste separated in suitable, labeled and lockable containers.

Remove in accordance with local official regulations.

Recommendations for packaging

Packaging that cannot be cleaned should be disposed of like the product.

Dispose of according to official regulations.



SECTION 14: Transport information

	ADR/RID	IMDG	IATA-DGR
14.1. UN 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

Transport in closed, upright and safe containers. Advice on safe handling: see sections 6 - 8

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

No information available.

Land and inland navigation transport ADR/RID

No dangerous goods as defined by these transport regulations.

Marine transport IMDG

No dangerous goods as defined by these transport regulations.

Air transport ICAO/IATA-DGR

No dangerous goods as defined by these transport regulations.

Transport/further information

No dangerous goods as defined by the transport regulations - ADR/RID, IMDG, ICAO/IATA-DGR.

SECTION 15: Regulatory information

15.1. Safety, health and environmental regulations/legislation specific for the substance or mixture

VOC standard

VOC content	0,3 %
VOC value	2,7 g/L

National regulations

Other regulations, restrictions and prohibition regulations

BGR 190 (rules for the use of respiratory protection)
BGR 192 (rules for the use of eye and face protection)
BGR 195 (Rules for the use of protective gloves)

Water hazard class	1	AwSV slightly hazardous to water
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15.2. Chemical Safety Assessment

Chemical safety assessments were carried out for substances in this mixture.



SECTION 16: Other information

Recommended uses and restrictions

National and local regulations concerning chemicals shall be observed.

Further information

Indication of changes: "!" = Data changed compared with the previous version. Previous version: 1.3