



Workshop Cleaner

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

1.1. Product identifier

Name of product Workshop Cleaner
Code-Nr. 152050

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

Recommended intended purpose(s)

Cleaning agent and degreaser

1.3. Details of the supplier of the safety data sheet

Distributor

WEICON GmbH & Co. KG
Königsberger Str. 255,, DE-48157 Münster
Phone ++49(0)251 / 9322 - 0, Fax ++49(0)251 / 9322 - 244
E-Mail : msds@weicon.de
Internet : www.weicon.de

Advice

Produktsicherheit / Product-Safety-Department
Phone ++49(0)251 / 9322 - 0
E-mail (competent person):
msds@weicon.de

1.4. Emergency telephone number

EMERGENCY CONTACT - UK, UAE, South Africa (24h): Tel:
++44 1865 407333 (English)
TRANSPORT EMERGENCY CONTACT - UK, UAE, South
Africa (24h): Tel: ++44 1865 407333 (English)

Manufacturer

WEICON GmbH & Co. KG
Königsberger Str. 255, DE-48157 Münster

1.4. Emergency telephone number

GIFTNOTRUF/TRANSPORTNOTRUF - Deutschland (24h):
Tel: ++49 69 222 25285 (Deutsch, Englisch)

SECTION 2: Hazards identification

2.1. Classification of the substance or mixture

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

Hazard classes and Hazard categories	Hazard Statements	Classification procedure
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Skin Irrit. 2	H315	
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Eye Irrit. 2	H319	
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Hazard Statements

H315 Causes skin irritation.

H319 Causes serious eye irritation.

2.2. Label elements

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



GHS07

Signal word

Warning

Hazard Statements

H315 Causes skin irritation.
 H319 Causes serious eye irritation.

Precautionary Statements

P102 Keep out of reach of children.
 P264 Wash hands thoroughly after handling.
 P280 Wear protective gloves/eye protection.
 P302 + P352 IF ON SKIN: Wash with plenty of soap and water.
 P305 + P351 + P338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
 P332 + P313 If skin irritation occurs: Get medical advice/attention.
 P337 + P313 If eye irritation persists: Get medical advice/attention.
 P362 Take off contaminated clothing.
 P501 Dispose of contents/container to hazardous or special waste collection point.

Hazardous ingredients for labeling

DINATRIUMMETASILIKAT, potassium-hydroxide

Additional information

Remark

Test (pH-value) according to OECD 431-TG: negative

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

Description

Compound

Hazardous ingredients

CAS No	EC No	Name	[% weight]	Classification according to Regulation (EC) No 1272/2008 [CLP/GHS]
28085-69-0	248-827-8	KALIUMCUMOLSULFONAT	1 < 5	Eye Irrit. 2, H319
28348-53-0	248-983-7	NATRIUM-1-METHYLETHYLBENZOLSULFONAT	1 < 5	Eye Irrit. 2, H319
6834-92-0	229-912-9	DINATRIUMMETASILIKAT	1 < 1,5	Skin Corr. 1B, H314 / Eye Dam. 1, H318 / STOT SE 3, H335



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

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Hazardous ingredients (continued)

CAS No	EC No	Name	[% weight]	Classification according to Regulation (EC) No 1272/2008 [CLP/GHS]
68154-97-2	614-340-8	Alcohol C 10-12, ethoxylated, propoxylated	1 < 5	Eye Irrit. 2, H319
1310-58-3	215-181-3	potassium-hydroxide	1 < 1,5	Met. Corr. 1, H290 / Skin Corr. 1A, H314 / Eye Dam. 1, H318 / Acute Tox. 4, H302

REACH

CAS No	Name	REACH registration number
28085-69-0	KALIUMCUMOLSULFONAT	1-2119489427-24-XXXX
28348-53-0	NATRIUM-1-METHYLETHYLBENZOLSULFONAT	01-2119489411-37-XXXX
6834-92-0	DINATRIUMMETASILIKAT	01-2119449811-37-XXXX
1310-58-3	potassium-hydroxide	01-2119487136-33-xxxx

Labelling for contents according to regulation (EC) No 648/2004, annex VII

The surfactant ingredients contained in this preparation comply with the biodegradability requirements of Regulation (EC) 648/2004 on detergents.

less than 5 % anionic surfactants

less than 5 % non-ionic surfactants

perfumes

SECTION 4: First aid measures

4.1. Description of first aid measures

General information

Remove contaminated soaked clothing immediately.

In case of inhalation

Ensure of fresh air.

In the event of symptoms refer for medical treatment.

In case of skin contact

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

Consult a doctor if skin irritation persists.

In case of eye contact

In case of contact with eyes rinse thoroughly with plenty of water and seek medical advice.

In case of ingestion

Do not induce vomiting.

Call for a doctor immediately.

Rinse out mouth and give plenty of water to drink.

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

No information available.

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

No information available.

SECTION 5: Firefighting measures

5.1. Extinguishing media

Suitable extinguishing media

Product does not burn, fire-extinguishing activities according to surrounding.

5.2. Special hazards arising from the substance or mixture

In case of fire formation of dangerous gases possible.

Carbon monoxide (CO)

Carbon dioxide (CO₂)



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Sulfur oxide

5.3. Advice for firefighters

Special protective equipment for fire-fighters

Fire-fighting operations, rescue and clearing work under effect of combustion and smoulder gases just may be done with breathing apparatus.

Do not inhale explosion and/or combustion gases.

Additional information

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

SECTION 6: Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures

For non-emergency personnel

Ensure adequate ventilation.

Use personal protective clothing.

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

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

6.2. Environmental precautions

Do not discharge into the drains or bodies of water..

Do not discharge into the subsoil/soil.

6.3. Methods and material for containment and cleaning up

Take up with absorbent material (e.g. sand, kieselguhr, acid binder, general-purpose binder, sawdust).

Flush away residues with water.

After taking up the material dispose according to regulation.

Additional Information

Sort out leaky cans and dispose according to regulations.

6.4. Reference to other sections

Safe handling: see section 7

Disposal: see section 13

Personal protection equipment: see section 8

SECTION 7: Handling and storage

7.1. Precautions for safe handling

Advice on safe handling

Take the usual precautions when handling with chemicals.

General protective measures

Avoid contact with eyes and skin

Do not inhale gases/vapours/aerosols.

Hygiene measures

Cloths contaminated with product should not be kept in trouser pockets.

At work do not eat, drink and smoke.

Remove soiled or soaked clothing immediately.

Wash hands before breaks and after work.

Advice on protection against fire and explosion

No special measures necessary.

**Workshop Cleaner****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 together with animal feedstuffs.

Do not store together with food.

Further information on storage conditions

Keep container tightly closed and store at cool and aired place.

Protect from frost.

7.3. Specific end use(s)**Recommendation(s) for intended use**

See section 1.2

SECTION 8: Exposure controls/personal protection**8.1. Control parameters****Ingredients with occupational exposure limits to be monitored**

CAS No	Name	Code	[mg/m3]	[ppm]	Remark
1310-58-3	Potassium hydroxide	8 hours Short-term	2		EH40/2005

DNEL-/PNEC-values**DNEL worker**

CAS No	Substance name	Value	Code	Remark
1310-58-3	potassium-hydroxide	1 mg/m3	DNEL long-term inhalative (local)	
		1 mg/m3	DNEL long-term inhalative (systemic)	
28085-69-0	KALIUMCUMOLSULFONAT	53,6 mg/m3	DNEL long-term inhalative (systemic)	
28348-53-0	NATRIUM-1-METHYLETHYLBENZOLSULFONAT	53,6 mg/m3	DNEL long-term inhalative (systemic)	
6834-92-0	DINATRIUMMETASILIKAT	1,49 mg/kg	DNEL long-term dermal (systemic)	
		6,22 mg/m3	DNEL long-term inhalative (systemic)	

Additional advice

The statutory local and national regulations have to be observed.

8.2. Exposure controls**Respiratory protection**

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

Breathing apparatus in the event of aerosol or mist formation.

Short term: filter apparatus, filter A

Hand protection

In the cases of special applications, it is recommended to check the chemical resistance with the manufacturer of the gloves.

In the cases of special applications, it is recommended to check the chemical resistance with the manufacturer of the gloves.

Glove material specification [make/type, thickness, permeation time/life, wetting resistance]: Nitrile rubber; 0,4mm; 480min;60min.

**Workshop Cleaner****Eye protection**

tightly fitting goggles

Other protection measures

protective clothing

Appropriate engineering controls

Sufficient ventilation and exhaustion.

SECTION 9: Physical and chemical properties**9.1. Information on basic physical and chemical properties****Appearance**

liquid

Colour

blue

Odour

fruity

Odour threshold

not determined

Important health, safety and environmental information

	Value	Temperature	at	Method	Remark
pH value	ca. 12	20 °C			
boiling point	ca. 98 °C		1013 hPa		
solidifying point	ca. 0 °C				
Flash point	not applicable				
Vapourisation rate	not determined				
Flammable (solid)	not determined				
Flammability (gas)	not determined				
Ignition temperature	not applicable				
Self ignition temperature	not applicable				
Lower explosion limit	not applicable				
Upper explosion limit	not applicable				
Vapour pressure	not applicable	50 °C			
Relative density	ca. 1,03 g/cm ³	20 °C			
Vapour density	not determined				
Solubility in water					miscible
Solubility/other	not determined				
Partition coefficient n-octanol/water (log P O/W)	not determined				
Decomposition temperature	not determined				

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	Value	Temperature	at	Method	Remark
Viscosity dynamic	not determined				
Viscosity kinematic	not determined				
Solvent content	0 %				

Oxidising properties

No information available.

Explosive properties

No information available.

9.2. Other information

No information available.

SECTION 10: Stability and reactivity**10.1. Reactivity**

No information available.

10.2. Chemical stability

No information available.

10.3. Possibility of hazardous reactions

No information available.

10.4. Conditions to avoid

Aluminium

10.5. Incompatible materials**Substances to avoid**

Reactions with aluminium at high temperature.

10.6. Hazardous decomposition products

Sulphur oxides

Carbon monoxide and carbon dioxide.

Thermal decomposition

Remark No decomposition if used as directed.

SECTION 11: Toxicological information**11.1. Information on toxicological effects****Acute toxicity/Irritation/Sensitization**

	Value/Validation	Species	Method	Remark
LD50 acute oral	365 mg/kg	rat	OECD 425	CAS: 1310-58-3
LD50 acute dermal	> 2000 mg/kg	rat		CAS: 15763-76-5
LC50 acute inhalation	> 2,06 mg/l (4 h)	rat		CAS: 6834-92-0
Skin irritation	irritant			Toxicology tests with the product

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	Value/Validation	Species	Method	Remark
Eye irritation	irritant			experiences
Skin sensitization	non-sensitizing			

Experiences made from practice

Has a degreasing effect on the skin.

Frequent contact specially if dried out may cause skin and eye irritations.

Irritates eyes and skin.

Additional information

The product is to be handled with the caution usual with chemicals.

Other hazardous properties may not be excluded.

The product has not been tested. The information is derived from the properties of the individual components.

SECTION 12: Ecological information**12.1. Toxicity****Ecotoxicological effects**

	Value	Species	Method	Validation
Fish	LC50 80 mg/l (96 h)	Fish		CAS: 1310-58-3
Daphnia	EC50 > 1 - 10 mg/l (48 h)	Daphnia magna	OECD 202	CAS: 68154-97-2
Algae	EC50 > 100 mg/l (72 h)	Desmodesmus subspicatus.		CAS: 15763-76-5
Bacteria	EC50 > 100 mg/l (3 h)	activated sludge		CAS: 6834-92-0

12.2. Persistence and degradability

	Elimination rate	Method of analysis	Method	Validation
Biological degradability	> 60 % (28 d) CAS: 15763-76-5		OECD 301 B	readily degradable

12.3. Bioaccumulative potential

no

12.4. Mobility in soil

No information available.

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**General regulation**

Do not allow uncontrolled leakage of product into the environment.

Product is not allowed to be discharged into aquatic environment.

The ecotoxic effect of the product has not been tested. The information on this is given on the basis of details in the literature.



SECTION 13: Disposal considerations**13.1. Waste treatment methods****Waste code No.**

07 06 01*

15 01 02

20 01 29*

Name of waste

aqueous washing liquids and mother liquors

plastic packaging

detergents containing hazardous substances

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

Recommendations for the product

Dilution with water.

Remove in accordance with local official regulations.

Recommendations for packaging

Dispose of according to the local waste regulations.

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

Recommended cleansing agent

Water

General information

Assignment to a waste code number / waste identification according to the EWC is to be carried out on a sector or process-specific basis.

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

No information available.

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

not applicable

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****Other regulations (EU)**

Regulation (EC) No 648/2004 (Detergents regulation).

VOC standard**VOC content**

0 %



15.2. Chemical Safety Assessment

Chemical safety assessments for substances in this mixture were not carried out.

SECTION 16: Other information

Recommended uses and restrictions

National and local regulations concerning chemicals shall be observed.

For industrial use only.

Further information

Each user is responsible for the implementation of the national special regulations.

The information contained herein is based on the state of our knowledge. It characterizes the product with regard to the appropriate safety precautions. It does not represent a guarantee of the properties of the product.

Please observe the following disclaimer! --- Our safety data sheets have been compiled according to effective EU-directives, WITHOUT taking into account the special national directives concerning the handling of hazardous substances.

The surfactant contained in this preparation complies with the conditions of biodegradability according to the directive (CE) No. 648/2004 relating to detergents.

Indication of changes: "!" = Data changed compared with the previous version. Previous version: 9.1

H290	May be corrosive to metals.
H302	Harmful if swallowed.
H314	Causes severe skin burns and eye damage.
H318	Causes serious eye damage.
H319	Causes serious eye irritation.
H335	May cause respiratory irritation.