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Rubberrollers special cleaner

Safety Data Sheet

TGW Technische Gummi-Walzen GmbH

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Material Safety Data Sheet according to (EC) No 1907/2006- ISO 11014-1
(est. 12.01.2011)

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

Tradename

Walzenreiniger W1/Hsoft

Art. Nr. 6-1508/W1/Hsoft

Intended use

Solvent Mixtures

Company name

TGW Technische Gummi-Walzen GmbH
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Information office (content SDS):

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2. Hazards identification

R10 Flammable

The product is classified as hazardous within the meaning of the valid (EU) preparation guideline.



3. Composition/information on ingredients

Declaration of ingredients according to EC/1907/2006:

Hazardous components CAS-Nr.	EINECS	Content	Classification
1-Methoxypropan-2-ol 107-98-2	203-539-1	> 25%	R10
(2-Methoxymethylethoxy)propanol 3459094-8	252-104-2	5-10%	
1-Buthoxypropan-2-ol 5131-66-8	225-878-4	1-5%	Xi – Irritant; R36/38
2-Methoxypropanol 1589-47-5	216-455-5	0.1 – 1%	R10 Toxic for reproduction – category 2.; T – Toxic; R61 Xi – Irritant; R37/38, R41

For full text of the R-Phrases indicated by codes see section 16 "other Information".

Substances without classification may have community workplace exposure limits available.

Declaration of ingredients according to Detergent Regulation 648/2004/EC.

The preparation does not contain any ingredients to be labelled according to this regulation.

4. First-aid measures

Inhalation

Fresh air, consult doctor.

Skin Contact

Rinse with running water and soap. Apply replenishing cream. Change all contaminated clothing. If necessary, see a dermatologist.

Eye Contact

Rinse immediately with plenty of running water (for 10 minutes); seek medical attention from a specialist.

Ingestion:

Rinse out mouth, drink 1-2 glasses of water, do not induce vomiting.
Immediate medical treatment necessary.



5. Fire-Fighting measures

Combustion behaviour:

In case of fire toxic gases can be released.

Suitable extinguishing media:

Foam, extinguishing powder, carbon dioxide
Water spray jet

Extinguishing media which must not be used for safety reasons

Water jet (solvent-containing product)

Special protection equipment for fire-fighters

Wear self-contained breathing apparatus.

Additional information

Cool endangered containers with water spray jet.

6. Accidental release measures

General information

Keep away from sources of ignition and naked flames

Personal precautions

Ensure adequate ventilation
Take great care to avoid inhalation of the aerosol.

Environmental precautions

Do not empty into drains / surface water / groundwater.

Clean-up methods

Wipe up using absorbent material and subject to waste incineration
Wash away residue with plenty of water

7. Handling and storage

Handling

Avoid spraying/aerosol generation
Ventilate working rooms thoroughly. Avoid naked flames, sparking and sources of ignition. Switch off electrical devices. Do not smoke, do not weld. Do not empty waste into wastewater drains.
Avoid skin and eye contact
Avoid open flames.

Storage

Store far from foodstuffs.



8. Exposure controls / personal protection

Components with specific control parameters for workplace:

Valid for

Germany

Basis

Germany – Occupational exposure limits

Ingredient	ppm	mg/m ³	Type	Category	remarks
1-methoxy-2-propanol 10798-2	100	370	Occupational Exposure Limit (OEL)	2 If in compliance with the MAK and BAT values, then there should be no risk to the fetus	TRGS 900
1-methoxypropanol-2 10798-2	100	375	Time Weighted Average (TWA)		EU-2000/39/EC
1-methoxypropanol-2 10798-2	150	568	Short Term Exposure Limit (STEL):		EU-2000/39/EC
1-methoxypropanol-2 10798-2			Skin designation.	Can be absorbed through the skin	EU-2000/39/EC
1-methoxypropanol-2 10798-2			Short Term Exposure Classification	Category I: Substances for which the localized effect has an assigned OEL or for substances with a sensitizing effect in respiratory passages.	TRGS 900
(2-METHOXYMETHYLETHOXY)- PROPANOL (ISOMERENGEMISCH) 3459094-8	50	310	Occupational Exposure Limit (OEL)	1	TRGS 900
(2-METHOXYMETHYLETHOXY)- PROPANOL 3459094-8	50	308	Time Weighted Average (TWA)		EU-2000/39/EC
(2-METHOXYMETHYLETHOXY)- PROPANOL 3459094-8			Skin designation	Can be absorbed through the skin	EU-2000/39/EC
(2-METHOXYMETHYLETHOXY)- PROPANOL (ISOMERENGEMISCH) 3459094-8			Short Term Exposure Classification	Category I: substances for which the localized effect has an assigned OEL or for substances with a sensitizing effect in respiratory passages	TRGS 900
2-METHOXYPROPANOL 158947-5	5	19	Occupational Exposure Limit (OEL)	8 (II) Z: A substance, even if the OEL and BAT values are complied with, there may still be a risk of reproductive damage	TRGS 900
2-METHOXYPROPANOL 158947-5			Skin designation	Can be absorbed through the skin	TRGS 900
2-METHOXYPROPANO 158947-5			Short Term Exposure Classification	Category II: substances with a resorptive effect	TRGS 900

Engineering controls

Ensure good ventilation/suction at the workplace



Respiratory protection

if there is atomisation
Filter type: A

Hand protection

Chemical-resistant protective gloves (EN 374). Suitable materials for short-term contact or splashes (recommended: at least protection index 2, corresponding to > 30 minutes permeation time as per EN 374): Fluorinated rubber (FKM; $\geq 0,7$ mm thickness) Suitable materials for longer, direct contact (recommended: protection index 6, corresponding to > 480 minutes permeation time as per EN 374): Fluorinated rubber (FKM; $\geq 0,7$ mm thickness). This information is based on literature references and on information provided by glove manufacturers, or is derived by analogy with similar substances. Please note that in practice the working life of chemical-resistant protective gloves may be considerably shorter than the permeation time determined in accordance with EN 374 as a result of the many influencing factors (e.g. temperature). If signs of wear and tear are noticed then the gloves should be replaced.

Eye protection

Goggles which can be tightly sealed.

9. Physical and chemical properties

Appearance	liquid clear colorless
Odour	slightly
Flashpoint	42 - 47°C (107,6 - 116,6°F)
Vapor pressure	13 hPA
Density: (20° C (68° F))	0,920 - 0,930 g/cm ³
Solubility (qualitative) (20° C (68° F); Solvent: Water)	fully miscible
Explosion limit lower (Vol %)	2,3% (V)
VOC-content (1999/13/EC)	95.3%



10. Stability and reactivity

Conditions to avoid

No decomposition if used according to specifications

Materials to avoid

Reaction with oxidants.

Hazardous decomposition products

None if used for intended purpose
In case of fire toxic gases can be released.

11. Toxicological information

Skin irritation

Prolonged or repeated skin contact can lead to skin degreasing and hence to skin irritation.

12. Ecological information

Persistence and degradability

Degradation of surfactants

Due to the ingredients, the product is not subject to the EU Detergent Regulation (EC/648/2004)

Other remarks

The product contains hydrocarbons. According to the requirements of the ATV regulations (Worksheet 105) for the discharge of wastewater from commercial and industrial plants into a public sewage treatment plant, hydrocarbons (according to DIN 38 409 H 53) can only be discharged to a maximum of 20 mg/l. The local discharge regulation takes precedence.

13. Disposal considerations

Product

Disposal methods

Special waste incineration with the approval of the responsible local authority.

Waste code (EWC):

070704

The valid EWC waste code numbers are source-related. The manufacturer is therefore unable to specify EWC waste codes for the articles or products used in the various sectors. The EWC codes listed are intended as a recommendation for users. We will be happy to advise you.



14. Transport information

Road transport ADR:

Class	3
Packaging group	III
Classification code:	F1
Hazard ident. number	30
UN-No.:	1987
Label:	3
Technical name:	ALCOHOLS, N.O.S (1-Methoxy-2-propanol)

Railroad transport RID:

Class	3
Packaging group	III
Classification code:	F1
Hazard ident. number	30
UN-No.:	1987
Label:	3
Technical name:	ALCOHOLS, N.O.S. (1-Methoxy-2-propanol)

Inland water transport ADN:

Class	3
Packaging group	III
Classification code:	F1
Hazard ident. number	
UN-No.:	1987
Label:	3
Technical name:	ALCOHOLS, N.O.S. (1-Methoxy-2-propanol)

Marine transport IMDG:

Class	3
Packaging group	III
UN-No.:	1987
Label:	3
EmS:	F-E,S-D
Seawater pollutant	-
Proper shipping name:	Alcohols, N.O.S (1-Methoxy-2-propanol)



Air transport IATA:

Class	3
Packaging group:	III
Packaging-Instruction (passenger)	309
Packaging-Instruction (cargo)	310
UN-No.:	1987
Label:	3
Proper shipping name:	Alcohols, N.O.S. (1-Methoxy-2-propanol)

15. Regulations – classification and identification

Risk phrases

R10 flammable

Safety phrases

S16 Keep away from sources of ignition – no smoking

National regulations/information (Germany)

WGK: WGK = 1, slightly water endangering product. Classification according to the mixture rules in German VwVwS regulation annex 4 from 27. July 2005.

Storage class VCI: 3A

16. Other information

Full text of the R-phrases indicated by codes in this safety datasheet. The labelling of the Product is indicated in Section 15.

R10	Flammable
R36/38	Irritating to eyes and skin
R37/38	Irritating to respiratory systems and skin
R41	Risk of serious damage to eyes
R61	May cause harm to the unborn child.

Further Information:

This information is based on our current level of knowledge and relates to the product in the state in which it is delivered. It is intended to describe our products from the point of view of safety requirements and is not intended to guarantee any particular properties.