Revision: 03.02.2025

Safety data sheet according to Regulation (EC) No 1907/2006, Article 31

Printing date 03.02.2025

Version number 4 (replaces version 3)

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

- · 1.1 Product identifier
- · Trade name: DEKRA Ganzjahresscheibenreiniger -18°C
- · 1.2 Relevant identified uses of the substance or mixture and uses advised against

No further relevant information available.

· Application of the substance / the mixture

Windshield cleaner

Anti freeze for wind screen washer

- · 1.3 Details of the supplier of the safety data sheet
- Manufacturer/Supplier:

Walter Schmidt Chemie GmbH

Kurfürstendamm 119

D - 10711 Berlin

Tel.: +49 (0) 30 890498-0

Fax: +49 (0) 30 890498-77

Info@walter-schmidt-chemie.de

· Informing department:

Department of Quality Control:

+49 (0)35433 / 59 44 - 110

labor@walter-schmidt-chemie.de

· 1.4 Emergency telephone number:

Giftnotruf Berlin

Tel. +49 (0)30 30686 700

Helpdesk in German and in English

SECTION 2: Hazards identification

- · 2.1 Classification of the substance or mixture
 - · Classification according to Regulation (EC) No 1272/2008

The product is not classified, according to the CLP regulation.

- · 2.2 Label elements
- · Labelling according to Regulation (EC) No 1272/2008 Void
- · Hazard pictograms Void
- · Signal word Void
- · Hazard statements Void
- · Information pertaining to particular dangers for man and environment

No self sustained combustion for the product is shown.

· Components according to regulation EC 648/2004 on detergents

perfumes (CITRAL), colouring agent

- · 2.3 Other hazards
- · Results of PBT and vPvB assessment
- · **PBT**: Not applicable.
- vPvB: Not applicable.
- · Determination of endocrine-disrupting properties

The product contains substances suspected of having endocrine disrupting properties (environmental effect) (List II and List III).

78-93-3 butanone

List II

SECTION 3: Composition/information on ingredients

- · 3.2 Mixtures
- · Description:

Aqueous solution of substances listed below with additional ingredients not requiring labelling.

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(Contd. from page 1) Bitrex is added to the mixture.

· Dangerous components:		
	ethanol	10 - 25%
EINECS: 201-159-0	butanone Flam. Liq. 2, H225; Seye Irrit. 2, H319; STOT SE 3, H336, EUH066	0 - ≤ 0.25%

Additional information For the wording of the listed hazard phrases refer to section 16.

SECTION 4: First aid measures

- · 4.1 Description of first aid measures
- · After inhalation Supply fresh air; consult doctor in case of symptoms.
- · After skin contact

The product is not skin irritating.

Rinse with water.

If skin irritation continues, consult a doctor.

Remove contaminated clothing.

Wash contaminated clothing before re-use.

· After eye contact

Rinse opened eye for several minutes under running water.

In case of permanent aches and pains please go and see the doctor.

· After swallowing

Rinse out mouth and then drink plenty of water.

In case of persistent symptoms consult doctor.

4.2 Most important symptoms and effects, both acute and delayed

No further relevant information available.

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

No further relevant information available.

SECTION 5: Firefighting measures

- · 5.1 Extinguishing media
- · Suitable extinguishing agents

Extinguishing powder, foam or water jet. Fight larger fires with water jet or alcohol-resistant foam.

- · For safety reasons unsuitable extinguishing agents Water with a full water jet.
- · 5.2 Special hazards arising from the substance or mixture

Formation of flammable mixtures of vapours with air possible.

Vapours are heavier than air and may travel long distances along ground, ignite and flash back to source. Inhalation of combustion gases may cause serious health hazards.

- · 5.3 Advice for firefighters
- · Protective equipment: Wear self-contained breathing apparatus.
- Additional information

Use water to keep fire exposed containers cool.

Remove goods in stock from incendiary zone, if possible.

Water spray may be used to flush spills away from exposure.

SECTION 6: Accidental release measures

· 6.1 Personal precautions, protective equipment and emergency procedures

Ensure adequate ventilation

Avoid contact to eyes, skin and clothes.

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Keep away from sources of ignition - No smoking.

- · For non-emergency personnel Keep away from ignition sources
- · For emergency responders Put on suitable personal protective equipment.

· 6.2 Environmental precautions:

Small amounts usually used during handling can be flushed away with water.

Do not allow to enter drainage system, surface or ground water.

· 6.3 Methods and material for containment and cleaning up:

Absorb with liquid-binding material (sand, diatomite, acid binders, universal binders).

Dispose of the material collected according to regulations.

Ensure adequate ventilation.

· 6.4 Reference to other sections

See Section 7 for information on safe handling

See Section 8 for information on personal protection equipment.

See Section 13 for information on disposal.

SECTION 7: Handling and storage

· 7.1 Precautions for safe handling

Avoid contact with eyes, skin and clothes.

Use only in well ventilated areas.

Information about protection against explosions and fires:

Keep ignition sources away - Do not smoke.

Vapours are heavier than air and may travel long distances along ground, ignite and flash back to source.

· Handlina

Do not eat, drink or smoke while working.

Wash hands during breaks and at the end of the work.

· 7.2 Conditions for safe storage, including any incompatibilities

- Storage
- · Requirements to be met by storerooms and containers: Store only in the original container.
- Information about storage in one common storage facility:

Keep away from food, drink and animal feeding stuffs.

Further information about storage conditions:

Keep container tightly closed and store in a dry, cool and well ventilated place.

Protect from heat and direct sunlight.

Protect from frost.

· 7.3 Specific end use(s) No further relevant information available.

SECTION 8: Exposure controls/personal protection

· 8.1 Control parameters

Components with limit values that require monitoring at the workplace:

WEL: workplace exposure limit OEL: Occupational Exposure Limit

IOELV: Indicative Occupational Exposure Limit Values, workplace threshold value of the European Union

56-81-5 glycerol	56-81-5 glycerol		
WEL (Great Britain)	Long-term value: 10 mg/m³		
64-17-5 ethanol	64-17-5 ethanol		
WEL (Great Britain)	Long-term value: 1920 mg/m³, 1000 ppm		
78-93-3 butanone	78-93-3 butanone		
IOELV (European Union)	Short-term value: 900 mg/m³, 300 ppm Long-term value: 600 mg/m³, 200 ppm		
WEL (Great Britain)	Short-term value: 899 mg/m³, 300 ppm Long-term value: 600 mg/m³, 200 ppm Sk, BMGV		

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(Contd. from page 3) · DNELs 64-17-5 ethanol Dermal DNEL (worker, long-term, systemic) 400 mg/kg bw/day (human) Inhalative DNEL (worker, long-term, systemic) 380 mg/m³ (human) DNEL (consumer, long-term, systemic) 114 mg/m³ (human) 78-93-3 butanone Oral DNEL (consumer, long-term, systemic) 31 mg/kg bw/day (human) Dermal DNEL (worker, long-term, systemic) 1,161 mg/kg bw/day (human) DNEL (consumer, long-term, systemic) 412 mg/kg bw/day (human) Inhalative DNEL (worker, short-term, systemic) 900 mg/m³ (human) DNEL (worker, long-term, systemic) 600 mg/m³ (human) 450 mg/m3 (human) DNEL (consumer, short-term, systemic) DNEL (consumer, long-term, systemic) 106 mg/m³ (human) · PNECs 64-17-5 ethanol PNEC aqua (freshwater) 0.96 mg/L (.) PNEC agua (marine water) 0.79 mg/L (.) PNEC STP - Sewage Treatment Plant | 580 mg/L (.) PNEC soil 0.63 mg/kg soil dw (.) PNEC sediment (freshwater) 3.6 mg/kg sedim. dw (.) 2.9 mg/kg sedim. dw (.) PNEC sediment (marine water) PNEC aqua (intermittent releases) 2.75 mg/L (.) PNEC oral 380 mg/kg food (.) · Ingredients with biological limit values: 78-93-3 butanone BMGV (Great Britain) 70 µmol/L Medium: urine

· 8.2 Exposure controls

· Individual protection measures, such as personal protective equipment

Sampling time: post shift Parameter: butan-2-one

· Breathing equipment:

Not required when used as intended.

Breathing apparatus approved for this purpose should be worn when solvent concentration exceeds the maximum workplace concentration values.

Filter Type A.

· Hand protection

No special precautions necessary if used correctly.

Protective gloves are only required in case of intense and/or prolonged skin contact with the product. To avoid skin problems reduce the wearing of gloves to the required minimum.

Due to missing tests no recommendation to the glove material can be given for the substance.

· Material of gloves

The selection of the suitable gloves does not only depend on the material, but also on further marks of quality and varies from manufacturer to manufacturer. As the product is a preparation of several substances, the resistance of the glove material can not be calculated in advance and has therefore to be checked prior to the application.

Nitrile rubber, NBR

Penetration time of glove material

In case of a layer thickness of 0.33 mm the penetration time is longer than 480 minutes.

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[·] Additional information: The lists that were valid during the compilation were used as basis.

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The exact break through time has to be found out by the manufacturer of the protective gloves and has to be observed.

· Eye/face protection Safety glasses recommended if possibility of liquid splashes exists.

SECTION 9: Physical and chemical properties		
9.1 Information on basic physical and chemical	properties	
General Information		
· Physical state	Liquid	
· Colour:	Light blue	
· Odour:	like citrus fruits	
Odour threshold:	Not determined.	
· Melting point/freezing point:	Not determined	
· Boiling point or initial boiling point and boiling	<i>ig</i> >85 °C	
range · Flammability		
· Lower and upper explosion limit	Not applicable.	
· Lower:	2.5 Vol %	
· Upper:	13.5 Vol %	
· Flash point:	> 40 °C	
· Auto-ignition temperature:	> 363 °C	
· Decomposition temperature:	Not determined.	
·SADT		
· pH at 20 °C	7	
· Viscosity:		
Kinematic viscosity	Not determined.	
· dynamic:	Not determined.	
· Solubility		
· Water:	Fully miscible	
Partition coefficient n-octanol/water (log valu		
Vapour pressure at 20 °C:	59 hPa	
Density and/or relative density	4.000 - / 2	
Density at 20 °C	1.002 g/cm ³ Not determined.	
· Vapour density	Not determined.	
	No self sustained combustion for the product is shown.	
· Appearance:	El.:	
· Form:	Fluid	
· Important information on protection of health and environment, and on safety.		
· Self-inflammability:	Product is not selfigniting.	
· Explosive properties:	Product is not explosive. However, formation of	
Explosive proportion	explosive air/steam mixtures is possible.	
· Solvent content:	onproon o anyonoum minima oo to pood isto.	
· Organic solvents:	16.2 - < 16.3 %	
· VOČ EU	≥ 463.6 - < 463.9 g/l	
· VOC EU	≥ 21.51 - < 21.53 %	
· Water:	64 %	
· Solids content:	1.0 %	
· Change in condition		
· Evaporation rate	Not determined.	
· Information with regard to physical hazard		
classes		
· Explosives	Void	
Flammable gases	Void	
· Aerosols	Void	

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· Oxidising gases	Void	
· Gases under pressure	Void	
Flammable liquids	Void	
Flammable solids	Void	
Self-reactive substances and mixtures	Void	
Pyrophoric liquids	Void	
Pyrophoric solids	Void	
Self-heating substances and mixtures	Void	
Substances and mixtures, which emit		
flammable gases in contact with water	Void	
Oxidising liquids	Void	
Oxidising solids	Void	
Organic peroxides	Void	
Corrosive to metals	Void	
· Desensitised explosives	Void	

SECTION 10: Stability and reactivity

- · 10.1 Reactivity No further relevant information available.
- · 10.2 Chemical stability
- Thermal decomposition / conditions to be avoided: No decomposition if used according to specifications.
- 10.3 Possibility of hazardous reactions No dangerous reactions known
- 10.4 Conditions to avoid No further relevant information available.
- 10.5 Incompatible materials: No further relevant information available.
- · 10.6 Hazardous decomposition products:

None in case of intended use and storage in compliance with instructions.

SECTION 11: Toxicological information

- · 11.1 Information on hazard classes as defined in Regulation (EC) No 1272/2008
- · Acute toxicity Based on available data, the classification criteria are not met.

· LD/LC5	· LD/LC50 values that are relevant for classification:			
64-17-5 et	64-17-5 ethanol			
Oral	LD50	10,470 mg/kg (Rat) (OECD 401)		
Dermal	LD50	> 20,000 mg/kg (rabbit)		
Inhalative	LC50	> 114 mg/l/1h (mouse) (OECD 403)		
	LC50	124.7 mg/l/4h (Rat) (OECD 403) Vapour		
78-93-3 bu	78-93-3 butanone			
Oral	LD50	2,193 mg/kg (Rat) (OECD 423)		

- · Primary irritant effect:
- · Skin corrosion/irritation Based on available data, the classification criteria are not met.
- · Serious eye damage/irritation Based on available data, the classification criteria are not met.
- · Respiratory or skin sensitisation Based on available data, the classification criteria are not met.
- Germ cell mutagenicity Based on available data, the classification criteria are not met.
- · Carcinogenicity Based on available data, the classification criteria are not met.
- · Reproductive toxicity Based on available data, the classification criteria are not met.
- · STOT-single exposure Based on available data, the classification criteria are not met.
- · STOT-repeated exposure Based on available data, the classification criteria are not met.
- · Aspiration hazard Based on available data, the classification criteria are not met.

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· Additional toxicological information:

· Repeated dose toxicity		
64-17-5 ethanol		
Oral	NOAEL (90d)	1,730 mg/kg bw/day (Rat)
	LOAEL (90d)	3,200 mg/kg bw/day (Rat) (OECD 408)
Inhalative	NOAEC (28d)	> 7,380 mg/m³ /ppm u (Rat)

11.2 Information on other hazards

· Endoc	rine disrupting properties	
78-93-3	butanone	List II

SECTION 12: Ecological information

· 12.1 Toxicity

· Aquatic toxici	· Aquatic toxicity:		
64-17-5 ethanol			
LC50 14,200 mg/l (fish)			
EC50 (static)	5,012 mg/l/48h (Ceriodaphnia dubia) (ASTM E729-80)		
EC50 (static)	675 mg/l/96h (Chlorella vulgaris) (OECD 201)		
EC50 275 mg/l/120h (Algae)			
LC50 (dynamic) 15,300 mg/l/96h (Pimephales promelas) (US EPA E03-05)			
78-93-3 butanoi	78-93-3 butanone		
EC50 (static)	> 345 mg/l/48h (Daphnia magna) (OECD 202)		
EC50 (static) 1,240 mg/l/96h (Raphidocelis subcapitata) (OECD 201)			
LC50 (static)	2,973 mg/l/96h (Pimephales promelas) (OECD 203)		

- 12.2 Persistence and degradability biodegradable
 - · Other information: There are no data available about the preparation.
- · 12.3 Bioaccumulative potential Does not accumulate in organisms
- 12.4 Mobility in soil No further relevant information available.
- · 12.5 Results of PBT and vPvB assessment
 - · **PBT**: Not applicable.
- · **vPvB**: Not applicable.
- 12.6 Endocrine disrupting properties For information on endocrine disrupting properties see section 11.
- 12.7 Other adverse effects No further relevant information available.
- · Additional ecological information:
- · General notes:

Do not allow undiluted product or large quantities of it to reach ground water, water bodies or sewage system.

SECTION 13: Disposal considerations

· 13.1 Waste treatment methods

· Recommendation

The waste code numbers mentioned are recommendations based on the probable use of the product. Must not be disposed of together with household garbage. Do not allow product to reach sewage system. Dispose of contents/container in accordance with local/regional/national/international regulations.

	· Europea	n waste catalogue
Ī		MUNICIPAL WASTES (HOUSEHOLD WASTE AND SIMILAR COMMERCIAL, INDUSTRIAL AND INSTITUTIONAL WASTES) INCLUDING SEPARATELY COLLECTED FRACTIONS
	20 01 00	separately collected fractions (except 15 01)

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	(Contd. from page 7)
20 01 13*	solvents
20 00 00	MUNICIPAL WASTES (HOUSEHOLD WASTE AND SIMILAR COMMERCIAL, INDUSTRIAL
	AND INSTITUTIONAL WASTES) INCLUDING SEPARATELY COLLECTED FRACTIONS
20 01 00	separately collected fractions (except 15 01)
20 01 29*	detergents containing hazardous substances

· Uncleaned packagings:

Recommendation:

Dispose of packaging according to regulations on the disposal of packagings. Non contaminated packagings can be used for recycling.

SECTION 14: Transport information

<u> </u>	
· 14.1 UN number or ID number · ADR/RID, IMDG, IATA	Void
· 14.2 UN proper shipping name · ADR/RID, IMDG, IATA	Void
14.3 Transport hazard class(es)	
· ADR/RID, ADN, IMDG, IATA · Class	Void
· 14.4 Packing group · ADR/RID, IMDG, IATA	Void
· 14.5 Environmental hazards: · Marine pollutant:	No
14.6 Special precautions for user	Not applicable.
14.7 Maritime transport in bulk according instruments	ng to IMO Not applicable.
· Transport/Additional information:	
· ADR/RID · Remarks:	No self sustained combustion for the product is shown. SP 144: Aqueous solutions containing 24% or less ethance by volume are not subject to the requirements of ADR.
· IMDG	SP 144: Aqueous solutions containing 24% or less ethanol by volume are not subject to the requirements of IMDG.
· IATA	SP A58: Aqueous solutions containing 24% or less ethanol by volume are not subject to the requirements of
	IATA.

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SECTION 15: Regulatory information

- · 15.1 Safety, health and environmental regulations/legislation specific for the substance or mixture
- · Directive 2012/18/EU
- · Named dangerous substances ANNEX I None of the ingredients is listed.
- · DIRECTIVE 2011/65/EU on the restriction of the use of certain hazardous substances in electrical and electronic equipment Annex II

None of the ingredients is listed.

- · REGULATION (EU) 2019/1148
- · Annex I RESTRICTED EXPLOSIVES PRECURSORS (Upper limit value for the purpose of licensing under Article 5(3))

None of the ingredients is listed.

· Annex II - REPORTABLE EXPLOSIVES PRECURSORS

None of the ingredients is listed.

Regulation (EC) No 273/2004 on drug precursors

78-93-3 butanone

3

· Regulation (EC) No 111/2005 laying down rules for the monitoring of trade between the Community and third countries in drug precursors

78-93-3 butanone

3

- · National regulations
 - · Water hazard class:
 - · Substances of very high concern (SVHC) according to REACH, Article 57

None of the ingredients is contained.

· 15.2 Chemical safety assessment: A Chemical Safety Assessment has not been carried out.

SECTION 16: Other information

These data are based on our present knowledge. However, they shall not constitute a guarantee for any specific product features and shall not establish a legally valid contractual relationship.

This safety data sheet meets the requirements of Regulation (EU) 2015/830 and 2020/878 amending Annex II of Regulation (EC) 1907/2006.

This data sheet takes into account the labelling requirements of Regulation (EU) 2024/197 adapting Regulation (EC) No 1272/2008 (21st ATP of the CLP Regulation).

· Relevant phrases

The phrases specified here are no labelling elements for the product but repeat the properties of the ingredients from section 3.

H225 Highly flammable liquid and vapour.

H319 Causes serious eye irritation.

H336 May cause drowsiness or dizziness.

EUH066 Repeated exposure may cause skin dryness or cracking.

· Department issuing data specification sheet:

DEKRA This Safety Data Sheet has been drawn up in cooperation with:

DEKRA Assurance Services GmbH, Hanomagstr. 12, D-30449 Hanover, Germany, phone: (+49) 511 42079 - 0, reach@dekra.com.

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- · Version number of previous version: 3
- · Abbreviations and acronyms:

ADR: Accord relatif au transport international des marchandises dangereuses par route (European Agreement Concerning the International Carriage of Dangerous Goods by Road)

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IMDG: International Maritime Code for Dangerous Goods

IATA: International Air Transport Association

GHS: Globally Harmonised System of Classification and Labelling of Chemicals EINECS: European Inventory of Existing Commercial Chemical Substances

ELINCS: European List of Notified Chemical Substances

CAS: Chemical Abstracts Service (division of the American Chemical Society)

DNEL: Derived No-Effect Level (REACH)

PNEC: Predicted No-Effect Concentration (REACH)

LC50: Lethal concentration, 50 percent

LD50: Lethal dose, 50 percent

PBT: Persistent, Bioaccumulative and Toxic SVHC: Substances of Very High Concern vPvB: very Persistent and very Bioaccumulative Flam. Liq. 2: Flammable liquids – Category 2

Eye Irrit. 2: Serious eye damage/eye irritation - Category 2

STOT SE 3: Specific target organ toxicity (single exposure) - Category 3

· * Data compared to the previous version altered.

EU -