

Printing date 02/10/2021 Reviewed on 02/10/2021

1 Identification

- · Product identifier
- Trade name: einszett Glaspolish
- · Article number: 152433
- · Application of the substance / the mixture Glass Cleaner
- · Details of the supplier of the safety data sheet ·

Manufacturer/Supplier:

Nextzett GmbH An der Höhe 15

D-51674 Wiehl-Marienhagen

Deutschland

Tel: +49 2261 6095433 *Fax:* +49 2261 6095429

Email: info@nextzett.de / www.nextzett.de

• Further information obtainable from: Safety Department • Emergency telephone number: CHEMTEL 1-800-255-3924 (USA AND CANADA)

2 Hazard(s) identification

Classification of the substance or mixture



GHS02 Flame

Flam. Liq. 3 H226 Flammable liquid and vapor.



GHS08 Health hazard

H350 May cause cancer.

Carc. 1A



GHS07

STOT SE 3 H336 May cause drowsiness or dizziness.

- · Label elements
- · GHS label elements

The product is classified and labeled according to the Globally Harmonized System (GHS).

Hazard pictograms







GHS02 GHS07 GHS08

- · Signal word Danger
- · Hazard-determining components of labeling:

Kohlenwasserstoffe, C9-C10, n-Alkane, Isoalkane, cyclische, < 2 % Aromaten Quartz (SiO2)

Naphtha (petroleum), hydrotreated light

· Hazard statements

Flammable liquid and vapor.



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May cause cancer.

May cause drowsiness or dizziness.

· Precautionary statements

Obtain special instructions before use.

Do not handle until all safety precautions have been read and understood. Keep

away from heat/sparks/open flames/hot surfaces. - No smoking.

Ground/bond container and receiving equipment.

 ${\it Use explosion-proof electrical/ventilating/lighting/equipment. \ Use}$

only non-sparking tools.

Take precautionary measures against static discharge.

Avoid breathing dust/fume/gas/mist/vapors/spray

Use only outdoors or in a well-ventilated area.

Wear protective gloves/protective clothing/eye protection/face protection.

If on skin (or hair): Take off immediately all contaminated clothing. Rinse skin with water/shower. IF

INHALED: Remove person to fresh air and keep comfortable for breathing.

IF exposed or concerned: Get medical advice/attention.

Call a poison center/doctor if you feel unwell.

In case of fire: Use for extinction: CO2, powder or water spray. Store

in a well-ventilated place. Keep container tightly closed. Store in a

well-ventilated place. Keep cool.

Store locked up.

Dispose of contents/container in accordance with local/regional/national/international regulations.

Classification system:

· NFPA ratings (scale 0 - 4)



Health = 0 Fire = 2Reactivity = 0

· HMIS-ratings (scale 0 - 4)



REACTIVITY \bigcirc Reactivity = 0

- Other hazards
- · Results of PBT and vPvB assessment
- · **PBT:** Not applicable.
- · vPvB: Not applicable.

3 Composition/information on ingredients

- · Chemical characterization: Mixtures
- **Description:** Mixture of the substances listed below with nonhazardous additions.

· Dangerous components:		
	Kohlenwasserstoffe, C9-C10, n-Alkane, Isoalkane, cyclische, < 2 % Aromaten	>25-≤50%
CAS: 64742-49-0	Naphtha (petroleum), hydrotreated light	>10-<20%
CAS: 14808-60-7	Quartz (SiO2)	>2.5-≤10%
CAS: 64742-48-9	Naphtha (petroleum), hydrotreated heavy	≤2.5%
		(Contd. on page



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Verordnung (EG) Nr. 648/2004 über Detergenzien / Kennzeichnung der Inhaltsstoffe	(Conta. or page
aliphatic hydrocarbons	≥30%
soap, phosphates	<5%
perfumes, preservation agents (SODIUM PYRITHIONE, BENZISOTHIAZOLINONE)	

4 First-aid measures

- Description of first aid measures
- General information: Immediately remove any clothing soiled by the product.

After inhalation: Supply fresh air; consult doctor in case of complaints.

- · After skin contact: Immediately rinse with water.
- · After eye contact: Rinse opened eye for several minutes under running water.

After swallowing: If symptoms persist consult doctor.

- Information for doctor:
- · Most important symptoms and effects, both acute and delayed No further relevant information available.

Indication of any immediate medical attention and special treatment needed

No further relevant information available.

5 Fire-fighting measures

- Extinguishing media
- Suitable extinguishing agents:

CO2, extinguishing powder or water spray. Fight larger fires with water spray or alcohol resistant foam.

Special hazards arising from the substance or mixture No further relevant information available.

- Advice for firefighters
- · Protective equipment: No special measures required.

6 Accidental release measures

· Personal precautions, protective equipment and emergency procedures Wear

protective equipment. Keep unprotected persons away.

· Environmental precautions:

Dilute with plenty of water.

Do not allow to enter sewers/surface or ground water.

· Methods and material for containment and cleaning up:

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

Dispose contaminated material as waste according to item 13.

Ensure adequate ventilation.

· 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 disposal information.

· Protective Action Criteria for Chemicals

PAC-1:		
CAS: 64742-49-0	Naphtha (petroleum), hydrotreated light	$1,000 \text{ mg/m}^3$
CAS: 14808-60-7	Quartz (SiO2)	0.075 mg/m^3
CAS: 1344-28-1	aluminium oxide	15 mg/m³
CAS: 64742-48-9	Naphtha (petroleum), hydrotreated heavy	350 mg/m³
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CAS: 7631-86-9	silicon dioxide, chemically prepared	(Contd. of page 18 mg/m ³
CAS: 1336-21-6		
CAS: 1330-21-0	ammonia	61 ppm
	diphenyl ether	2 ppm
CAS: 1310-58-3	potassium hydroxide	0.18 mg/m^3
CAS: 91-64-5	Coumarin	0.88 mg/m^3
CAS: 99-87-6	p-cymene	120 mg/m³
CAS: 5989-27-5	(R)-p-mentha-1,8-diene	15 ppm
PAC-2:		
	Naphtha (petroleum), hydrotreated light	11,000 mg/m
CAS: 14808-60-7	Quartz (SiO2)	33 mg/m ³
CAS: 1344-28-1	aluminium oxide	170 mg/m³
CAS: 64742-48-9	Naphtha (petroleum), hydrotreated heavy	$1,800 \text{ mg/m}^3$
CAS: 7631-86-9	silicon dioxide, chemically prepared	740 mg/m³
CAS: 1336-21-6	ammonia	330 ppm
CAS: 101-84-8	diphenyl ether	16 ppm
CAS: 1310-58-3	potassium hydroxide	2 mg/m³
CAS: 91-64-5	Coumarin	9.7 mg/m³
CAS: 99-87-6	p-cymene	$1,300 \text{ mg/m}^3$
CAS: 5989-27-5	(R)-p-mentha-1,8-diene	67 ppm
PAC-3:		The state of the s
CAS: 64742-49-0	Naphtha (petroleum), hydrotreated light	66,000 mg/m
CAS: 14808-60-7	Quartz (SiO2)	200 mg/m³
CAS: 1344-28-1	aluminium oxide	990 mg/m³
CAS: 64742-48-9	Naphtha (petroleum), hydrotreated heavy	40,000 mg/m
CAS: 7631-86-9	silicon dioxide, chemically prepared	4,500 mg/m³
CAS: 1336-21-6	ammonia	2,300 ppm
CAS: 101-84-8	diphenyl ether	96 ppm
CAS: 1310-58-3	potassium hydroxide	54 mg/m ³
CAS: 91-64-5	Coumarin	58 mg/m³
CAS: 99-87-6	p-cymene	$1,900 \text{ mg/m}^3$
CAS: 5989-27-5	(R)-p-mentha-1,8-diene	170 ppm

7 Handling and storage

- · Handling:
- Precautions for safe handling

Ensure good ventilation/exhaustion at the workplace.

Open and handle receptacle with care.

Prevent formation of aerosols.

Information about protection against explosions and fires: Keep

ignition sources away - Do not smoke.

Protect against electrostatic charges.

Keep respiratory protective device available.

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- Conditions for safe storage, including any incompatibilities Storage:
- Requirements to be met by storerooms and receptacles: No special requirements.
- · Information about storage in one common storage facility: Not required.
- Further information about storage conditions: Keep receptacle tightly sealed.
- · Storage class: 10
- · Specific end use(s) No further relevant information available.

8 Exposure controls/personal protection

- Additional information about design of technical systems: No further data; see item 7.
- · Control parameters
- Components with limit values that require monitoring at the workplace:

The following constituent is the only constituent of the product which has a PEL, TLV or other recommended exposure limit.

At this time, the other constituents have no known exposure limits.

CAS: 14808-60-7 Quartz (SiO2)

PEL Long-term value: 0.05* mg/m³

*resp. dust; 30mg/m3/%SiO2+2

REL Long-term value: 0.05* mg/m³

*respirable dust; See Pocket Guide App. A

TLV Long-term value: 0.025* mg/m³
*as respirable fraction

- · Additional information: The lists that were valid during the creation were used as basis.
- · Exposure controls
- · Personal protective equipment:
- · General protective and hygienic measures:

Keep away from foodstuffs, beverages and feed.

Immediately remove all soiled and contaminated clothing.

Wash hands before breaks and at the end of work.

Store protective clothing separately.

Breathing equipment:

In case of brief exposure or low pollution use respiratory filter device. In case of intensive or longer exposure use respiratory protective device that is independent of circulating air.

Protection of hands:



Protective gloves

Suitable chemical resistent protective gloves (EN374) also at prolonged, direct contact (recommended protection index 6, corresponding 480 minutes permeation time according to EN 374) e.g. from Nitrilkautschuk (0,33-0,5 mm) Polyvinylchlorid (1mm).

The glove material has to be impermeable and resistant to the product/ the substance/ the preparation.

Due to missing tests no recommendation to the glove material can be given for the product/ the preparation/ the chemical mixture.

Selection of the glove material on consideration of the penetration times, rates of diffusion and the degradation

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

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resistance of the glove material can not be calculated in advance and has therefore to be checked prior to the application.

Penetration time of glove material

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

· Eye protection:



Tightly sealed goggles

· **Body protection:** Protective work clothing

9 Physical and chemical properties · Information on basic physical and chemical properties

General Information	пенисы ргорениез
· Appearance:	
Form:	Fluid
Color:	Blue
· Odor:	Pleasant
· Odor threshold:	Not determined.
pH-value at 20 °C (68 °F):	9.1
· Change in condition	
Melting point/Melting range:	4 °C (39.2 °F)
Boiling point/Boiling range:	100 °C (212 °F)
· Flash point:	56 °C (132.8 °F)
Flammability (solid, gaseous):	Not applicable.
· Ignition temperature:	>200 °C (>392 °F)
Decomposition temperature:	Not determined.
· Auto igniting:	Product is not selfigniting.
Danger of explosion:	Not determined.
Explosion limits:	
Lower:	0.6 Vol %
Upper:	7 Vol %
· Vapor pressure at 20 °C (68 °F):	23 hPa (17.3 mm Hg)
Density at 20 °C (68 °F):	0.936 g/cm³ (7.81092 lbs/gal)
Relative density	Not determined.
Vapor density	Not determined.
Evaporation rate	Not determined.
· Solubility in / Miscibility with	
Water:	Fully miscible.
Partition coefficient (n-octanol/water):	Not determined.
· Viscosity:	533 mPas
Dynamic at 20 °C (68 °F):	JSS IIIF US



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Kinematic at 40 °C (104 °F):	120 mm²/s
Solvent content:	10.506
Organic solvents:	40.6 %
VOC content:	40.56 %
	379.6 g/l / 3.17 lb/gal
Solids content:	12.8 %
· Other information	No further relevant information available.

10 Stability and reactivity

- · Reactivity No further relevant information available.
- Chemical stability
- Thermal decomposition / conditions to be avoided: No decomposition if used according to specifications.

Possibility of hazardous reactions No dangerous reactions known.

- · Conditions to avoid No further relevant information available.
- · Incompatible materials: No further relevant information available.
- · Hazardous decomposition products: No dangerous decomposition products known.

11 Toxicological information

- · Information on toxicological effects
- · Acute toxicity:

· LD/LC50 v	alues that c	are relevant for classification:
ATE (Acute	Toxicity Es	stimate)
Dermal	LD50	>151,500 mg/kg (rab)
Inhalative	LC50/4 h	>215 mg/l (rat)

CAS: 64742-49-0 Naphtha (petroleum), hydrotreated light

 Oral
 LD50
 5,820 mg/kg (rat)

 Inhalative
 LC50/4 h
 >23.3 mg/l (rat)

CAS: 64742-48-9 Naphtha (petroleum), hydrotreated heavy

 Oral
 LD50
 >5,000 mg/kg (rat)

 Dermal
 LD50
 >3,000 mg/kg (rab)

- · Primary irritant effect:
- · on the skin: No irritant effect.
- · on the eye: No irritating effect.
- · Sensitization: No sensitizing effects known.
- Additional toxicological information:

The product shows the following dangers according to internally approved calculation methods for preparations:

· Carcinogenic categories

· IARC (International Agency for Research on Cancer)

CAS: 14808-60-7 Quartz (SiO2)

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CAS: 7631-86-9	silicon dioxide, chemically prepared	3
CAS: 3844-45-9	Triphenylmethan-Farbstoff, Dihydrogen(ethyl)[4-[4-[ethyl(3-sulfonatobenzyl)]amino]-2'-sulfonatobenzhydryliden]cyclohexa-2,5-dien-1-yliden](3-sulfonatobenzyl)ammonium, Dinatriumsalz	3
CAS: 91-64-5	Coumarin	3
CAS: 5989-27-5	(R)-p-mentha-1,8-diene	3
· NTP (National To	xicology Program)	
CAS: 14808-60-7	Quartz (SiO2)	K
· OSHA-Ca (Occu	pational Safety & Health Administration)	
None of the ingredie	ents is listed.	

12 Ecological information

- · Toxicity
- · Aquatic toxicity: No further relevant information available. ·

Persistence and degradability

The surfactants contained in the product correspond to the legislation on the environmental compatibility of detergents and are biodegradable.

- · Behavior in environmental systems:
- · Bioaccumulative potential No further relevant information available.

Mobility in soil No further relevant information available.

- Additional ecological information:
- · General notes:

Water hazard class 2 (Self-assessment): hazardous for water

Do not allow product to reach ground water, water course or sewage system.

Danger to drinking water if even small quantities leak into the ground.

- Results of PBT and vPvB assessment
- · **PBT:** Not applicable.
- · **vPvB:** Not applicable.
- · Other adverse effects No further relevant information available.

13 Disposal considerations

- · Waste treatment methods
- · Recommendation:

Must not be disposed of together with household garbage. Do not allow product to reach sewage system.

- · Uncleaned packagings:
- · Recommendation: Disposal must be made according to official regulations.
- · Recommended cleansing agent: Water, if necessary with cleansing agents.

14 Transport information

- · UN-Number
- · **DOT, IMDG, IATA** not regulated
- · UN proper shipping name
- · **DOT, IMDG, IATA** not regulated

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		(Contd. of page 8
· Transport hazard class(es)		
· DOT, ADN, IMDG, IATA · Class	not regulated	
Packing group DOT, IMDG, IATA	not regulated	
· Environmental hazards:	Not applicable.	
· Special precautions for user	Not applicable.	
Transport in bulk according to Annex MARPOL73/78 and the IBC Code	II of Not applicable.	
· UN "Model Regulation":	not regulated	

15 Regulatory information

 $\cdot \textit{ Safety, health and environmental regulations/legislation specific for the substance or \textit{mixture} \\$

Section 355 (extremely hazardous substances):	
None of the ingredients is listed.	

None of the ingreat	enis is tistea.
· Section 313 (Spec	ific toxic chemical listings):
CAS: 1344-28-1	aluminum oxide

CAS: 1336-21-6		
TSCA (Toxic Sul	ostances Control Act):	
CAS: 7732-18-5	water, distilled, conductivity or of similar purity	ACT.
CAS: 64742-49-0	Naphtha (petroleum), hydrotreated light	ACT.
CAS: 14808-60-7	Quartz (SiO2)	ACT.
CAS: 1344-28-1	aluminum oxide	ACT
CAS: 64742-48-9	Naphtha (petroleum), hydrotreated heavy	ACT
CAS: 7631-86-9	silicon dioxide, chemically prepared	ACT
CAS: 593-29-3	potassium stearate	ACT
CAS: 143-18-0	potassium (Z)-oleate	ACT
CAS: 13845-36-8	pentapotassium triphosphate	ACT
CAS: 11138-66-2	Xanthan Gum	ACT
CAS: 1336-21-6	ammonia	ACT
CAS: 76-22-2	1,7,7-Trimethylbicyclo[2.2.1]heptan-2-one	ACT
CAS: 101-84-8	diphenyl ether	ACT
CAS: 470-82-6	eucalyptol	ACT
CAS: 8000-41-7	Terpineol	ACT
CAS: 3811-73-2	pyridine-2-thiol 1-oxide, sodium salt	ACT
CAS: 2050-08-0	Amyl salicylate	ACT
CAS: 120-57-0	piperonal	ACT
CAS: 14860-53-8	tetrapotassium (1-hydroxyethylidene)bisphosphonate	ACT
CAS: 60376-08-1	Trikaliumhydrogen (1-Hydroxyethyliden) bisphosphonat	ACT



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CAS: 1310-58-3	potassium hydroxide	ACTIV.
CAS: 3844-45-9	Triphenylmethan-Farbstoff, Dihydrogen(ethyl)[4-[4-[ethyl(3-sulfonatobenzyl)]amino]-2'-sulfonatobenzhydryliden]cyclohexa-2,5-dien-1-yliden](3-sulfonatobenzyl)ammonium, Dinatriumsalz	ACTIV
CAS: 2634-33-5	1,2-benzisothiazol-3(2H)-one	ACTIV.
CAS: 91-64-5	Coumarin	ACTIV
CAS: 99-87-6	p-cymene	ACTIV.
CAS: 586-62-9	terpinolene	ACTIV
CAS: 7785-26-4	lalphaPinene	ACTIV
CAS: 79-92-5	camphene	ACTIV
CAS: 68551-13-3	Alcohols, C12-15, ethoxylated propoxylated	ACTIV
CAS: 5989-27-5	(R)-p-mentha-1,8-diene	ACTIV
· Hazardous Air Po	llutants	
CAS: 101-84-8 di	phenyl ether	
Proposition 65		
· Chemicals known	to cause cancer:	
CAS: 14808-60-7	Quartz (SiO2)	
· Chemicals knowi	to cause reproductive toxicity for females:	
None of the ingredie	ents is listed.	
· Chemicals knowi	to cause reproductive toxicity for males:	
None of the ingredie	ents is listed.	
· Chemicals known	to cause developmental toxicity:	
None of the ingredie	ents is listed.	
· Carcinogenic cate	onni <i>o</i> s	
	ntal Protection Agency)	
None of the ingredie		
	imit Value established by ACGIH)	
CAS: 14808-60-7	,	A
CAS: 1344-28-1	aluminium oxide	A
CAS: 76-22-2	1,7,7-Trimethylbicyclo[2.2.1]heptan-2-one	A

· GHS label elements

The product is classified and labeled according to the Globally Harmonized System (GHS).

· Hazard pictograms





CAS: 14808-60-7 Quartz (SiO2)



GHS02 GHS07 GHS08

· Signal word Danger

· Hazard-determining components of labeling:

Hydrocarbons, C9-C10, n-Alkane, Isoalkane, Cyclic, < 2 % Aromaten Quartz (SiO2)



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Naphtha (petroleum), hydrotreated light

· Hazard statements

Flammable liquid and vapor.

May cause cancer.

May cause drowsiness or dizziness.

Precautionary statements

Obtain special instructions before use.

Do not handle until all safety precautions have been read and understood.

Keep away from heat/sparks/open flames/hot surfaces. - No smoking.

Ground/bond container and receiving equipment.

Use explosion-proof electrical/ventilating/lighting/equipment.

Use only non-sparking tools.

Take precautionary measures against static discharge.

Avoid breathing dust/fume/gas/mist/vapors/spray

Use only outdoors or in a well-ventilated area.

Wear protective gloves/protective clothing/eye protection/face protection.

If on skin (or hair): Take off immediately all contaminated clothing. Rinse skin with water/shower. IF

INHALED: Remove person to fresh air and keep comfortable for breathing.

IF exposed or concerned: Get medical advice/attention.

Call a poison center/doctor if you feel unwell.

In case of fire: Use for extinction: CO2, powder or water spray.

Store in a well-ventilated place. Keep container tightly closed. Store

in a well-ventilated place. Keep cool.

Store locked up.

Dispose of contents/container in accordance with local/regional/national/international regulations.

· National regulations:

· Information about limitation of use:

Workers are not allowed to be exposed to the hazardous carcinogenic materials contained in this preparation. Exceptions can be made by the authorities in certain cases.

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

16 Other information

This information is based on our present knowledge. However, this shall not constitute a guarantee for any specific product features and shall not establish a legally valid contractual relationship.

· Contact:

· Date of preparation / last revision 02/10/2021 / -

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)

IMDG: International Maritime Code for Dangerous Goods

DOT: US Department of Transportation

IATA: International Air Transport Association

ACGIH: American Conference of Governmental Industrial Hygienists

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)

NFPA: National Fire Protection Association (USA)

 ${\it HMIS: Hazardous\ Materials\ Identification\ System\ (USA)}$

VOC: Volatile Organic Compounds (USA, ÉU)

LC50: Lethal concentration, 50 percent

LD50: Lethal dose, 50 percent

PBT: Persistent, Bioaccumulative and Toxic vPvB: very Persistent and very Bioaccumulative NIOSH: National Institute for Occupational Safety

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OSHA: Occupational Safety & Health TLV: Threshold Limit Value PEL: Permissible Exposure Limit

REL: Recommended Exposure Limit
Flam. Liq. 3: Flammable liquids - Category 3
Carc. 1A: Carcinogenicity - Category 1A

STOT SE 3: Specific target organ toxicity (single exposure) - Category 3 \cdot * **Data compared to the previous version altered.**