

Safety Data Sheet 1907/2006/EG (e)

B + W Lens Cleaner

Revision: 16.08.2016

Version: 01

01. Identification of the substance/mixture and of the company/undertaking

1.1 Product identifier

Name of product: B + W Lens Cleaner

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

Recommended intended purpose(s) cleaning agent

SU21 Consumer uses: Private households (= general public = consumers)

SU22 Professional uses: publicly accessible (administration, education, entertainment, services, craftsmen)

PC35 Washing and cleaning products (including solvent based products)

PROC10 Roller applying or brushing

ERC11B Wide dispersive indoor use of long-life articles and materials with high or intended release (including abrasive processing)

Uses advised against

None known

1.3 Details of the supplier of the safety data sheet

Company: Jos. Schneider
Optische Werke GmbH
B + W Filter
Ringstr. 132
55543 Bad Kreuznach
Telefon +49(0)671-601-0
Homepage www.schneiderkreuznach.com

1.4 Emergency telephone number:

+49(0)671-601-0 during business hours

02. Hazards identification

2.1 Classification of the substance or mixture

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

The product is not classified.

Not regarded as a health or environmental hazard under current legislation.

2.2 Label elements

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

Contains: <5% perfume, preservative: benzisothiazolinone

Hazard Statements

EUH208: Contains benzisothiazolinone. May produce an allergic reaction.

Precautionary Statements

P102: Keep out of reach of children.

P101: If medical advice is needed, have product container or label at hand.

2.3 Other hazards

The product contains organic solvents.

Results of PBT and vPvB assessment

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

03. Composition/information on ingredients

3.1 Substances

Not applicable

3.2 Mixtures

Description

Preparation of different active substances.

Substance	EINECS/EG Index-No Reg. No	CAS	Contents [%]	Classification
Dipropylenglycolmonomethylether	252-104-2	34590-94-8	5 - 15	Note: Sk

04. First aid measures

4.1 Description of first aid measures

General information

Remove affected person from source of contamination.

In case of inhalation

Remove to fresh air. Get medical attention if any discomfort continues.

In case of skin contact

Remove contaminated clothing.

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

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Consult a doctor if skin irritation persists.

In case of eye contact

In case of contact with eyes rinse with plenty of water carefully for 15 minutes while holding eyelids open. Get medical attention if any discomfort continues.

If swallowed

Rinse mouth with water. Get medical attention if any discomfort continues.

4.2 Most important symptoms and effects, both acute and delayed Physician's information / possible symptoms

Delayed symptoms and effects: No known long term effects.

4.3 Indication of any immediate medical attention and special treatment needed treatment (advice to doctor)

Symptomatic treatment.

05. Firefighting measures

5.1 Extinguishing media

Suitable extinguishing media

Use fire-extinguishing media appropriate for surrounding materials.

Unsuitable extinguishing media

Full water jet.

5.2 Special hazards arising from the substance or mixture

Follow the general fire precautions indicated by the workplace. Exposure to decomposition products may cause health problems. In case of fire formation of dangerous gases possible (carbon monoxide (CO), carbon dioxide (CO₂)).

5.3 Advice for fire-fighters

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. Personal protective equipment.

Additional information

Cool endangered containers with water spray jet. Fire residues and contaminated fire extinguishing water must be disposed in accordance with the local regulations.

06. Accidental release measures

6.1 Personal precautions, protective equipment and emergency procedures

Avoid contact with eyes and prolonged skin contact. Avoid inhalation of vapours or mist.

6.2 Environmental precautions

Do not discharge into the drains/ surface waters/ groundwater or onto the ground. Inform respective authorities if product gets into the sewerage systems or surface waters.

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). After taking up the material dispose of according to local regulations.

6.4 Reference to other sections

Disposal: see section 13.
Personal protection equipment: see section 8.

07. Handling and storage

7.1 Precautions for safe handling

Advice on safe handling

No specific usage precautions noted.

General protective measures

Avoid contact with eyes and skin.

Do not inhale gases/vapours/aerosols.

Hygiene measures

At work do not eat, drink and smoke.

Wash hands before breaks and after work.

7.2 Conditions for safe storage, including any incompatibilities

Requirements for storage rooms and vessels

Store in closed original container in a dry place.

Storage Temperature: 0 – 35°C

Storage Stability (Durability): 24 months

Advice on storage compatibility

Do not store together with food.

Do not store together with animal feedstuffs.

7.3 Specific end use(s)

Recommendation(s) for intended use

No data available.

08. Exposure controls / personal protection

8.1 Control parameters

Indicative occupational exposure limit values (91/322/EEC, 2006/15/EC or 2009/161/EU)

Substance	[ppm]	[mg/m ³]	
Dipropylenglycol-monomethylether	50	308	8-hour TWA

DNEL-/PNEC-values:

Data lacking

8.2 Exposure controls

Appropriate engineering controls

No special precautions.

Respiratory protection

Respiratory protection not required.

Hand protection

Hand protection not required.

Eye protection

Eye protection is not required under normal conditions.

Hygiene measures

General industrial hygiene measures. Do not breathe spray. Avoid contact with skin, eyes and clothing. When using do not eat, drink or smoke. Wash hands before breaks and after work. Wash contaminated clothing before reuse.

Thermal hazards

No recommendation given.

Environmental exposure controls

General advice

Do not flush into surface water or sanitary sewer. Take up leakage or spillage if possible without risk. If the product contaminates drains/ surface waters/ groundwater inform respective authorities.

09. Physical and chemical properties

Appearance: liquid

Colour: colourless

Odour: almost odourless

Odour threshold: not determined

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Change in condition

Melting point / melting range: not determined

Boiling temperature [°C]: ~100

Flashpoint [°C]: >100

Ignition temperature [°C]: not determined

pH value: ~8,0

Flammability (gas): not applicable

Lower explosion limit [Vol%]: not applicable

Upper explosion limit [Vol%]: not applicable

Relative density [g/cm³]: ~1,0

Vapour pressure [hPa]: not determined

Vapourisation rate: not determined

Vapour density: not determined

Solubility in water: completely soluble in water

Partition coefficient n-octanol/water (log P O/W):
not determined

Decomposition temperature: not determined

Viscosity: not determined

Oxidising properties:

Does not meet the criteria for oxidising.

Explosive properties

The product is not explosive.

9.2 Other information

No relevant information available.

10. Stability and reactivity

10.1 Reactivity

There are no known reactivity hazards associated with this product.

10.2 Chemical stability

Stable under normal ambient conditions (ambient temperature) and recommended use.

10.3 Possibility of hazardous reactions

See section 10.4 and section 10.5.

10.4 Conditions to avoid

No recommendation given.

10.5 Incompatible materials

None specific.

10.6 Hazardous decomposition products

Possible in case of fire the formation of hazardous/toxic fumes (CO₂, CO).

11. Toxicological information

11.1 Information on toxicological effects

Acute toxicity/Irritation/Sensitization

Toxicological tests on the product has not been performed.

Skin irritation

No known chronic or acute health risks.

Eye irritation

Prolonged contact may cause redness and/or tearing.

Ingestion

Not likely, due to the packaging.

Inhalation

Solvent vapours are hazardous and may cause nausea, sickness and headaches.

Mutagenicity

No data available.

Reproduction-Toxicity

No data available.

Carcinogenicity

No data available.

Specific target organ toxicity (single exposure)

No specific symptoms noted.

Additional information

The product is to be handled with the caution usual with chemicals. Other hazardous properties may not be excluded.

12. Ecological information

12.1 Toxicity

No data available for the product.

12.2 Persistence and degradability

The product is easily biodegradable.

12.3 Bioaccumulative potential

The product does not contain substances expected to be bioaccumulating.

12.4 Mobility in soil

The product is water soluble and may spread in water systems.

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 in the environment. Product is not allowed to be discharged into aquatic environment. The ecotoxic effects of the product has not been tested.

13. Disposal considerations

13.1 Waste treatment methods

Waste material must be disposed of in accordance with the Directive on waste 2008/98/EC as well as other national and local regulations. It is not possible to determine a waste code for this product in accordance with the European Waste Catalogue (EWC) since it is only possible to classify it according to how it is used by the customer. The waste code is to be determined within the EU in liaison with the waste-disposal operator.

Product (recommended)

Disposal in accordance with the regulations of the local authorities.

Waste code No. (recommended) EWC: 0706 Wastes from the MFSU (Manufacture, Formulation, Supply and Use) of fats, grease, soaps, detergents, disinfectants and cosmetics

Waste code applies to product remnants in pure form.

Recommendations for packaging

Dispose of according to the local official regulations.

General information

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Assignment to a waste code number / waste identification according to the EWC is to be carried out on a sector or process-specific basis. When handling waste, consideration should be made to the safety precautions applying to handling of the product.

ADN: Accord européen relatif au transport international des marchandises dangereuses par voie de navigation intérieure

CAS: Chemical Abstract Service

DNEL: Derived No Effect Level

EC50: Median effective concentration

EINECS: European Inventory of Existing Commercial Chemical Substances

IATA: International Air Transport Association

IBC-Code: International Code for the Construction and Equipment of Ships carrying Dangerous Chemicals in Bulk

IMDG: International Maritime Code for Dangerous Goods

LC50: Lethal concentration, 50%

LD50: Median lethal dose

MARPOL: International Convention for the Prevention of Marine Pollution from Ships

PBT: Persistent, bioaccumulative and toxic substance

VOC: Volatile organic compounds

VOCV: Swiss Ordinance on volatile organic compounds

vPvB: very Persistent and very Bioaccumulative

14. Transport information

14.1 UN number

ADR, IMDG, IATA not applicable

14.2 UN proper shipping name

Transport by land according to ADR/RID

Not classified as dangerous goods

IMDG

Not classified as dangerous goods

IATA

Not classified as dangerous goods

14.3 Transport hazard class(es)

See section 14.2

14.4 Packing group

not applicable

14.5 Environmental hazards

Environmentally hazardous no

14.6 Special precautions for user

Relevant information under Section 6 to 8

14.7 Transport in bulk according to Annex II of MARPOL 73/78

And the IBC-Code:

Not applicable

Recommended uses and restrictions

National and local regulations concerning chemicals shall be observed.

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.

15. Regulatory information

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

Regulation (EC) No 648/2004 of the European Parliament and of the Council of 31 March 2004 on detergents.

Dangerous Preparations Directive 1999/45/EC

Dangerous Substance Directive 67/548/EEC

The Management of Health and Safety at Work Regulations 1999 (SI 1999 No. 3242).

EH40/2005, Workplace exposure limits 2005, with amendments.

The List of Wastes (England) (Amendment) Regulations 2005 (SI 2005 No. 895).

Regulation (EC) No 1907/2006 of the European Parliament and of the Council of 18 December 2006 concerning the Registration, Evaluation, Authorisation and Restriction of Chemicals (REACH), establishing a European Chemicals Agency, amending Directive 1999/45/EC and repealing Council Regulation (EEC) No 793/93 and Commission Regulation (EC) No 1488/94 as well as Council Directive 76/769/EEC and Commission Directives 91/155/EEC, 93/67/EEC, 93/105/EC, including amendments.

15.2 Chemical Safety Assessment

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

16. Other information

16.1 Hazard statements:

16.2 Abbreviations and acronyms:

ADR: Accord européen relatif au transport international des marchandises dangereuses par route

RID: Règlement concernant le transport international ferroviaire de marchandises dangereuses