

SAFETY DATA SHEET according to Regulation (EC) No. 1907/2006

CS-1500 Optic Cleaner

Version 3.0

Print Date 10.12.2015

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SECTION 1: Identification of the substance/mixture and of the company/undertaking**1.1. Product identifier**

Trade name : Optic Cleaner

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

Use of the Substance/Mixture : Cleaning agent

Uses advised against : At this moment we have not identified any uses advised against

1.3. Details of the supplier of the safety data sheet

Company : GREEN CLEAN GmbH.
Trimmelkammer Str. 16
AT 5120 St.Pantaleon

Telephone : +43 (0) 6277 62304
Telefax : +43 (0) 6277 62304 10
E-mail address : office@green-clean.at
Responsible/issuing : Abteilung Produktsicherheit person

1.4. Emergency telephone number

Emergency telephone number : Vergiftungsinformationszentrale: +43 (1) 406 43 43 (0-24 Uhr)

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 as dangerous according to Regulation (EC) No. 1272/2008.

Most important adverse effects

Human Health : See section 11 for toxicological information. Physical
and chemical hazards : See section 9 for physicochemical information.
Potential environmental : See section 12 for environmental information. effects

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2.2. Label elements

Labelling according to Regulation (EC) No 1272/2008

The product is not labeled as dangerous according to Regulation (EC) No. 1272/2008.

Additional Labelling:

EUH210 Safety data sheet available on request.

EUH208 Contains: 1,2-benzisothiazol-3(2H)-one. May produce an allergic reaction.

2.3. Other hazards

For Results of PBT and vPvB assessment see section 12.5.

The product does not need to be labelled in accordance with EC directives or respective national laws.

SECTION 3: Composition/information on ingredients

3.2. Mixtures

Chemical nature : Mixture of substances listed below with nonhazardous additions.
Aqueous solution

Hazardous components	Amount [%]	Classification (REGULATION (EC) No 1272/2008)	
		Hazard class / Hazard category	Hazard statements
3-butoxypropan-2-ol			
Index-No. : 603-052-00-8	>= 1 - < 3	Eye Irrit.2	H319
CAS-No. : 5131-66-8		Skin Irrit.2	H315
EC-No. : 225-878-4			

For the full text of the H-Statements mentioned in this Section, see Section 16.

Non-hazardous component

Chemical Name	Identification Number	Amount [%]
Water	CAS-No. : 7732-18-5 EC-No. : 231-791-2	>= 95

SECTION 4: First aid measures

4.1. Description of first aid measures

If inhaled : No special precautions required.

In case of skin contact : Rinse with water.

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In case of eye contact : Rinse thoroughly with plenty of water, also under the eyelids. If symptoms persist, call a physician.

If swallowed : Clean mouth with water and drink afterwards plenty of water. Never give anything by mouth to an unconscious person. If symptoms persist, call a physician.

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

Symptoms : See Section 11 for more detailed information on health effects and symptoms.

Effects : See Section 11 for more detailed information on health effects and symptoms.

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

Treatment : Treat symptomatically.
No further information available.

SECTION 5: Firefighting measures

5.1. Extinguishing media

Suitable extinguishing media : Use extinguishing measures that are appropriate to local circumstances and the surrounding environment.

Unsuitable extinguishing media : None known.

5.2. Special hazards arising from the substance or mixture

Specific hazards during firefighting : None known.

5.3. Advice for firefighters

Special protective equipment for firefighters : No special precautions required.

Further advice : No special precautions required.

SECTION 6: Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures

Personal precautions : Use personal protective equipment. Avoid contact with skin and eyes. For personal protection see section 8.

6.2. Environmental precautions

Environmental precautions : Do not flush into surface water or sanitary sewer system.

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6.3. Methods and materials for containment and cleaning up

Methods and materials for containment and cleaning up : Absorb with liquid-binding material (sand, diatomite, acid binders, universal binders). Keep in suitable, closed containers for disposal.

Further information : Treat recovered material as described in the section "Disposal considerations".

6.4. Reference to other sections

For personal protection see section 8.

SECTION 7: Handling and storage

7.1. Precautions for safe handling

Advice on safe handling : Keep container tightly closed. Handle in accordance with good industrial hygiene and safety practice.

Hygiene measures : Keep away from food, drink and animal feedingstuffs. Smoking, eating and drinking should be prohibited in the application area. Wash hands before breaks and at the end of workday. Provide adequate ventilation. Avoid contact with the skin and the eyes.

7.2. Conditions for safe storage, including any incompatibilities

Requirements for storage areas and containers : Keep only in the original container.

Advice on protection against fire and explosion : Normal measures for preventive fire protection.

Further information on storage conditions : Keep tightly closed in a dry and cool place.

Advice on common storage : Keep away from food, drink and animal feedingstuffs.

7.3. Specific end use(s)

Specific use(s) : No information available.

SECTION 8: Exposure controls/personal protection

8.1. Control parameters

Other Occupational Exposure Limit Values

(Additional) Information : Contains no substances with occupational exposure limit values.

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Advice : Required, if exposure limit is exceeded (e.g. OEL).

Hand protection

Advice : Usage is recommended.

Eye protection

Advice : Goggles recommended during refilling.

Skin and body protection

Advice : Protective work clothing

Environmental exposure controls

General advice : Do not flush into surface water or sanitary sewer system.

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

Form	: liquid
Colour	: colourless
Odour	: odourless
Odour Threshold	: no data available
pH	: ca. 8,5 (; 20 °C)
Freezing point	: no data available
Boiling point/boiling range	: ca. 100 °C
Flash point	: no data available
Evaporation rate	: no data available
Flammability (solid, gas)	: no data available
Upper explosion limit	: no data available
Lower explosion limit	: no data available

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Vapour pressure	:	no data available
Relative vapour density	:	no data available
Density	:	ca. 1,0 g/cm ³
Water solubility	:	completely miscible
Partition coefficient: n-octanol/water	:	no data available
Auto-ignition temperature	:	no data available
Thermal decomposition	:	no data available
Viscosity, dynamic	:	no data available
Explosivity	:	Product is not explosive.
Oxidizing properties	:	no data available

9.2. Other information

No further information available.

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

Advice : No information available.

10.2. Chemical stability

Advice : No decomposition if stored and applied as directed.
No further information available.

10.3. Possibility of hazardous reactions

Hazardous reactions : No information available.

10.4. Conditions to avoid

Conditions to avoid : No information available.

10.5. Incompatible materials

Materials to avoid : No information available.

10.6. Hazardous decomposition products

Hazardous decomposition products : No information available.

SECTION 11: Toxicological information

CS-1500 Optic Cleaner**11.1. Information on toxicological effects****Acute toxicity****Oral**

LD50 : > 2000 mg/kg (Rat) (Calculation method)

Inhalation

no data available

Dermal

no data available

Irritation**Skin**

Result : No skin irritation

Eyes

Result : No eye irritation

Sensitisation

Result : No sensitizing effect known.

CMR effects**CMR Properties**

Carcinogenicity : Based on available data, the classification criteria are not met.

Mutagenicity : Based on available data, the classification criteria are not met.

Teratogenicity : Based on available data, the classification criteria are not met.

Reproductive toxicity : Based on available data, the classification criteria are not met.

Specific Target Organ Toxicity**Single exposure**

no data available

Repeated exposure

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no data available

Other toxic properties

Repeated dose toxicity

no data available

Aspiration hazard

no data available

Further information

Other relevant toxicity information : Handle in accordance with good industrial hygiene and safety practice.

Experience with human exposure : Health injuries are not known or expected under normal use.

SECTION 12: Ecological information

12.1. Toxicity

12.2. Persistence and degradability

12.3. Bioaccumulative potential

12.4. Mobility in soil

12.5. Results of PBT and vPvB assessment

Results of PBT and vPvB assessment

Result : This mixture contains no substance considered to be persistent, bioaccumulating and toxic (PBT)., This mixture contains no substance considered to be very persistent and very bioaccumulating (vPvB).

12.6. Other adverse effects

Additional ecological information

Result : Do not flush into surface water or sanitary sewer system. Avoid subsoil penetration.

SECTION 13: Disposal considerations

CS-1500 Optic Cleaner**13.1. Waste treatment methods**

- Product : Smaller quantities can be disposed with household garbage. Major quantities should be disposed according to the local regulations. Do not empty into drains.
- Contaminated packaging : Empty contaminated packagings thoroughly. They can be recycled after thorough and proper cleaning. Packagings that cannot be cleaned are to be disposed of in the same manner as the product.
- European Waste Catalogue Number : No waste code according to the European Waste Catalogue can be assigned for this product, as the intended use dictates the assignment. The waste code is established in consultation with the regional waste disposer.
- Waste code Austria : 59306

SECTION 14: Transport information

Not dangerous goods for ADR, RID and IMDG.

14.1. UN number

Not applicable.

14.2. UN proper shipping name

Not applicable.

14.3. Transport hazard class(es)

Not applicable.

14.4. Packaging group

Not applicable.

14.5. Environmental hazards

Not applicable.

14.6. Special precautions for user

Not applicable.

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

IMDG : Not applicable.

SECTION 15: Regulatory information**15.1. Safety, health and environmental regulations/legislation specific for the substance or mixture**

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Other regulations : The substance or preparation is not dangerous according to the austrian chemical legislation.
The detergent content in this preparation fulfills biological degradableness conditions like the regulation (EEC) No. 648/2004 is fixed for detergents.

15.2. Chemical Safety Assessment

no data available

SECTION 16: Other information**Full text of H-Statements referred to under sections 2 and 3.**

H315 Causes skin irritation.
H319 Causes serious eye irritation.

Further information

Key literature references and sources for data : Supplier information and data from the "Database of registered substances" of the European Chemicals Agency (ECHA) were used to create this safety data sheet.

Other information : The information provided in this Safety Data Sheet is correct to our knowledge at the date of its revision. The information given only describes the products with regard to safety arrangements and is not to be considered as a warranty or quality specification and does not constitute a legal relationship. The information contained in this Safety Data Sheet relates only to the specific material designated and may not be valid for such material used in combination with any other material or in any process, unless specified in the text

|| Indicates updated section.