

Safety Data Sheet

according to Regulation (EC) No 1907/2006

Exporit 500 Klarspüler für gewerbliche Spülmaschinen

Revision date: 10.03.2020

Product code: 2483

Page 1 of 8

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

1.1. Product identifier

Exporit 500 Klarspüler für gewerbliche Spülmaschinen

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

Use of the substance/mixture

Washing and cleaning products
Professional use of dishwash products
AISE-P204 Rinse aid; Automatic process

1.3. Details of the supplier of the safety data sheet

Company name:	Seeger Wasch- und Reinigungsmittel GmbH	
Street:	Schickhardtstraße 7	
Place:	D-72336 Balingen	
Post-office box:	10 09 09	
	D-72309 Balingen	
Telephone:	+49 (0)7433 9600	Telefax: +49 (0)7433 960-150
e-mail:	info@seeger-balingen.com	
Internet:	www.seeger-balingen.com	
Responsible Department:	Labor	

1.4. Emergency telephone number:

030-30686700

SECTION 2: Hazards identification

2.1. Classification of the substance or mixture

Regulation (EC) No. 1272/2008

This mixture is not classified as hazardous in accordance with Regulation (EC) No. 1272/2008.

2.2. Label elements

Regulation (EC) No. 1272/2008

Precautionary statements

P102	Keep out of reach of children.
P301+P312	IF SWALLOWED: Call a POISON CENTER/doctor if you feel unwell.
P305+P351+P338	IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.

Special labelling of certain mixtures

EUH210	Safety data sheet available on request.
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2.3. Other hazards

No information available.

SECTION 3: Composition/information on ingredients

3.2. Mixtures

Safety Data Sheet

according to Regulation (EC) No 1907/2006

Exporit 500 Klarspüler für gewerbliche Spülmaschinen

Revision date: 10.03.2020

Product code: 2483

Page 2 of 8

Hazardous components

CAS No	Chemical name			Quantity
	EC No	Index No	REACH No	
	GHS Classification			
	Fatty acid, ethoxylated			10 - < 15 %
			02-2119552469-28	
	Acute Tox. 4, Eye Irrit. 2, Aquatic Chronic 3; H302 H319 H412			
15763-76-5	sodium p cumenesulphonate			1 - < 5 %
	239-854-6		01-2119489411-37	
	Eye Irrit. 2; H319			

Full text of H and EUH statements: see section 16.

Labelling for contents according to Regulation (EC) No 648/2004

5 % - < 15 % non-ionic surfactants, < 5 % anionic surfactants, < 5 % polycarboxylates, preservation agents (2-Bromo-2-nitropropane-1,3-diol, Benzisothiazolinone).

SECTION 4: First aid measures

4.1. Description of first aid measures

After inhalation

Provide fresh air.

After contact with skin

Wash with plenty of water. Take off contaminated clothing and wash it before reuse.

After contact with eyes

Rinse immediately carefully and thoroughly with eye-bath or water.

After ingestion

Observe risk of aspiration if vomiting occurs. Rinse mouth immediately and drink plenty of water.

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

No information available.

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

Treat symptomatically.

SECTION 5: Firefighting measures

5.1. Extinguishing media

Suitable extinguishing media

Co-ordinate fire-fighting measures to the fire surroundings.

5.2. Special hazards arising from the substance or mixture

Non-flammable.

5.3. Advice for firefighters

In case of fire: Wear self-contained breathing apparatus.

Additional information

Collect contaminated fire extinguishing water separately. Do not allow entering drains or surface water.

SECTION 6: Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures

Use personal protection equipment.

6.2. Environmental precautions

Do not allow to enter into surface water or drains.

Safety Data Sheet

according to Regulation (EC) No 1907/2006

Exporit 500 Klarspüler für gewerbliche Spülmaschinen

Revision date: 10.03.2020

Product code: 2483

Page 3 of 8

6.3. Methods and material for containment and cleaning up

Absorb with liquid-binding material (e.g. sand, diatomaceous earth, acid- or universal binding agents). Treat the recovered material as prescribed in the section on waste disposal.

6.4. Reference to other sections

Safe handling: see section 7

Personal protection equipment: see section 8

Disposal: see section 13

SECTION 7: Handling and storage

7.1. Precautions for safe handling

Advice on safe handling

No special measures are necessary.

Advice on protection against fire and explosion

No special fire protection measures are necessary.

7.2. Conditions for safe storage, including any incompatibilities

Requirements for storage rooms and vessels

Keep container tightly closed.

Hints on joint storage

No special measures are necessary.

7.3. Specific end use(s)

Washing and cleaning products

Professional use of dishwash products

AISE-P204 Rinse aid; Automatic process

SECTION 8: Exposure controls/personal protection

8.1. Control parameters

8.2. Exposure controls



Protective and hygiene measures

Take off contaminated clothing. Wash hands before breaks and after work. When using do not eat or drink.

Eye/face protection

Recommendation:

Safety glasses with side protection (EN 166)

Hand protection

Not required under normal use .

By long-term hand contact: Wear protective gloves .

Glove material: NBR (Nitrile rubber) (DIN EN 374)

Thickness of the glove material: $\geq 0,4$ mm

Breakthrough time (maximum wearing time) > 480 min

When handling with chemical substances, protective gloves must be worn with the CE-label including the four control digits. The quality of the protective gloves resistant to chemicals must be chosen as a function of the specific working place concentration and quantity of hazardous substances. For special purposes, it is recommended to check the resistance to chemicals of the protective gloves mentioned above together with the supplier of these gloves.

Safety Data Sheet

according to Regulation (EC) No 1907/2006

Exporit 500 Klarspüler für gewerbliche Spülmaschinen

Revision date: 10.03.2020

Product code: 2483

Page 4 of 8

Skin protection

Wear suitable protective clothing.

Respiratory protection

Usually no personal respirative protection necessary.

SECTION 9: Physical and chemical properties

9.1. Information on basic physical and chemical properties

Physical state:	Liquid
Colour:	clear, blue
Odour:	characteristic
pH-Value (at 20 °C):	ca. 5

Changes in the physical state

Melting point:	not determined
Initial boiling point and boiling range:	100 °C
Flash point:	> 100 °C

Flammability

Solid:	not applicable
Gas:	not applicable
Lower explosion limits:	not determined
Upper explosion limits:	not determined
Ignition temperature:	> 200 °C

Auto-ignition temperature

Solid:	not applicable
Gas:	not applicable
Decomposition temperature:	not determined

Oxidizing properties

Not oxidising.

Density:	1,02 g/cm ³
Water solubility:	easily soluble

Solubility in other solvents

not determined

Partition coefficient:	not determined
Viscosity / dynamic: (at 20 °C)	<30 mPa·s
Vapour density:	not determined
Evaporation rate:	not determined

9.2. Other information

Solid content:	not determined
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SECTION 10: Stability and reactivity

10.1. Reactivity

No hazardous reaction when handled and stored according to provisions.

10.2. Chemical stability

The product is stable under storage at normal ambient temperatures.

10.3. Possibility of hazardous reactions

Safety Data Sheet

according to Regulation (EC) No 1907/2006

Exporit 500 Klarspüler für gewerbliche Spülmaschinen

Revision date: 10.03.2020

Product code: 2483

Page 5 of 8

No known hazardous reactions.

10.4. Conditions to avoid

none

10.5. Incompatible materials

No information available.

10.6. Hazardous decomposition products

No known hazardous decomposition products.

SECTION 11: Toxicological information

11.1. Information on toxicological effects

Acute toxicity

CAS No	Chemical name					
	Exposure route	Dose	Species	Source	Method	
	Fatty acid, ethoxylated					
	oral	LD50 500 mg/kg	Rat	OECD 423		
15763-76-5	sodium p cumenesulphonate					
	oral	LD50 2000 mg/kg	Rat	OECD 401		
	dermal	LD50 2000 mg/kg	Rabbit			
	inhalation (4 h) vapour	LC50 5 mg/l	Rat			

Additional information on tests

The mixture is classified as not hazardous according to regulation (EC) No 1272/2008 [CLP].

SECTION 12: Ecological information

12.1. Toxicity

The product is not: Ecotoxic.

CAS No	Chemical name					
	Aquatic toxicity	Dose	[h] [d]	Species	Source	Method
	Fatty acid, ethoxylated					
	Acute fish toxicity	LC50 >10 - 100 mg/l	96 h	Brachydanio rerio		
	Acute algae toxicity	ErC50 >10 - 100 mg/l	72 h	Scenedesmus subspicatus	92/69/EWG C.3	
	Acute crustacea toxicity	EC50 >10 - 100 mg/l	48 h	Daphnia magna	OECD 202	
	Acute bacteria toxicity	(>1000 mg/l)	0,5 h	Activated sludge	OECD 209	
15763-76-5	sodium p cumenesulphonate					
	Acute fish toxicity	LC50 1000 mg/l	96 h	Oncorhynchus mykiss (Rainbow trout)		
	Acute algae toxicity	ErC50 230 mg/l	96 h	Pseudokirchneriella subcapitata		
	Acute crustacea toxicity	EC50 1000 mg/l	48 h	Daphnia magna (Big water flea)		
	Algae toxicity	NOEC 31 mg/l	4 d	algae		
	Acute bacteria toxicity	(1000 mg/l)	3 h			

Safety Data Sheet

according to Regulation (EC) No 1907/2006

Exporit 500 Klarspüler für gewerbliche Spülmaschinen

Revision date: 10.03.2020

Product code: 2483

Page 6 of 8

12.2. Persistence and degradability

The product has not been tested.

CAS No	Chemical name			
	Method	Value	d	Source
	Evaluation			
	Fatty acid, ethoxylated			
	OECD 301B/ ISO 9439/ EEC 92/69/V, C.4-C	>60%	28	
	Readily biodegradable (according to OECD criteria).			

12.3. Bioaccumulative potential

The product has not been tested.

12.4. Mobility in soil

The product has not been tested.

12.5. Results of PBT and vPvB assessment

The product has not been tested.

12.6. Other adverse effects

No information available.

Further information

Do not allow to enter into surface water or drains. Do not allow to enter into soil/subsoil.

SECTION 13: Disposal considerations

13.1. Waste treatment methods

Advice on disposal

Do not allow to enter into surface water or drains. Do not allow to enter into soil/subsoil. Dispose of waste according to applicable legislation.

Waste disposal number of waste from residues/unused products

200129 MUNICIPAL WASTES (HOUSEHOLD WASTE AND SIMILAR COMMERCIAL, INDUSTRIAL AND INSTITUTIONAL WASTES) INCLUDING SEPARATELY COLLECTED FRACTIONS; separately collected fractions (except 15 01); detergents containing hazardous substances; hazardous waste

Waste disposal number of used product

070601 WASTES FROM ORGANIC CHEMICAL PROCESSES; wastes from the MFSU of fats, grease, soaps, detergents, disinfectants and cosmetics; aqueous washing liquids and mother liquors; hazardous waste

Waste disposal number of contaminated packaging

150102 WASTE PACKAGING; ABSORBENTS, WIPING CLOTHS, FILTER MATERIALS AND PROTECTIVE CLOTHING NOT OTHERWISE SPECIFIED; packaging (including separately collected municipal packaging waste); plastic packaging

Contaminated packaging

Non-contaminated packages may be recycled. Handle contaminated packages in the same way as the substance itself.

SECTION 14: Transport information

Land transport (ADR/RID)

14.2. UN proper shipping name: No dangerous good in sense of these transport regulations.

Inland waterways transport (ADN)

14.2. UN proper shipping name: No dangerous good in sense of these transport regulations.

Marine transport (IMDG)

14.2. UN proper shipping name: No dangerous good in sense of these transport regulations.

Safety Data Sheet

according to Regulation (EC) No 1907/2006

Exporit 500 Klarspüler für gewerbliche Spülmaschinen

Revision date: 10.03.2020

Product code: 2483

Page 7 of 8

Air transport (ICAO-TI/IATA-DGR)

14.2. UN proper shipping name: No dangerous good in sense of these transport regulations.

14.5. Environmental hazards

ENVIRONMENTALLY HAZARDOUS: no

14.6. Special precautions for user

No dangerous good in sense of these transport regulations.

14.7. Transport in bulk according to Annex II of Marpol and the IBC Code

No dangerous good in sense of these transport regulations.

SECTION 15: Regulatory information

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

EU regulatory information

Additional information

To follow: 850/2004/EC , 79/117/EEC , 689/2008/EC
Regulation (EC) No. 648/2004 (Detergents regulation)

National regulatory information

Water contaminating class (D): 2 - clearly water contaminating

15.2. Chemical safety assessment

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

SECTION 16: Other information

Changes

This data sheet contains changes from the previous version in section(s): 3.

Abbreviations and acronyms

ADR: Accord européen sur le transport des marchandises dangereuses par Route
(European Agreement concerning the International Carriage of Dangerous Goods by Road)
IMDG: International Maritime Code for Dangerous Goods
IATA: International Air Transport Association
GHS: Globally Harmonized 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
LC50: Lethal concentration, 50%
LD50: Lethal dose, 50%

Relevant H and EUH statements (number and full text)

H302 Harmful if swallowed.
H319 Causes serious eye irritation.
H412 Harmful to aquatic life with long lasting effects.
EUH210 Safety data sheet available on request.

Further Information

Classification procedure
Classification according to Regulation (EC) No 1272/2008 [CLP]: Calculation method.

The above information describes exclusively the safety requirements of the product and is based on our present-day knowledge. The information is intended to give you advice about the safe handling of the product named in this safety data sheet, for storage, processing, transport and disposal. The information cannot be transferred to other products. In the case of mixing the product with other products or in the case of

Safety Data Sheet

according to Regulation (EC) No 1907/2006

Exporit 500 Klarspüler für gewerbliche Spülmaschinen

Revision date: 10.03.2020

Product code: 2483

Page 8 of 8

processing, the information on this safety data sheet is not necessarily valid for the new made-up material.

(The data for the hazardous ingredients were taken respectively from the last version of the sub-contractor's safety data sheet.)