

* EW Intensive

Date revised: 02.01.2024

8750019514

Version: 4 / GB

Master No. MA-211

Print date: 17.04.2024

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

1.1. Product identifier

Trade name

EW Intensive

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

Use of the substance/mixture

Defoamers, Anti-foaming agent

1.3. Details of the supplier of the safety data sheet

Address/Manufacturer

BÜFA Cleaning GmbH & Co. KG

August-Hanken-Str. 30

26125 Oldenburg

Telephone no. +49 441 9317 0

Fax no. +49 441 9317 100

Information provided Department product safety / +49 441 9317 108

by / telephone

E-Mail sds-cleaning@buefa.de

1.4. Emergency telephone number

Poison Information Center Goettingen: +49 551 19240

SECTION 2: Hazards identification ***

2.1. Classification of the substance or mixture

Classification (Regulation (EC) No. 1272/2008)

Eye Irrit. 2 H319

Skin Sens. 1A H317

The product is classified and labelled in accordance with Regulation (EC) No 1272/2008

For explanation of abbreviations see section 16.

2.2. Label elements

Labelling according to regulation (EC) No 1272/2008**Hazard pictograms****Signal word**

Warning

Hazard statements

H319 Causes serious eye irritation.

H317 May cause an allergic skin reaction.

Precautionary statements ***

P261 Avoid breathing dust/ fume/ gas/ mist/ vapours/ spray.

P264.1 Wash hands thoroughly after handling.

P280.5 Wear protective gloves.

P302+P352.1 IF ON SKIN: Wash with plenty of water.

P305+P351+P338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.

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P333+P313 If skin irritation or rash occurs: Get medical advice/attention.
 P337+P313 If eye irritation persists: Get medical advice/attention.
 P362+P364 Take off contaminated clothing and wash it before reuse.
 P501.2 Dispose of contents/container in accordance with local/regional/national/international regulations.

Hazardous component(s) to be indicated on label (Regulation (EC) No. 1272/2008)

contains *** 2-Methyl-2H-isothiazol-3-one

2.3. Other hazards

The product contains no PBT substances. The product contains no vPvB substances. This product does not contain a substance that has endocrine disrupting properties with respect to human. The product does not contain a substance that has endocrine disrupting properties with respect to non-target organisms.

SECTION 3: Composition/information on ingredients *****3.2. Mixtures****Hazardous ingredients *******Decan-1-ol, propoxylated, ethoxylated (>2.5 moles EO/PO)**

CAS No.	9038-29-3				
EINECS no.	932-107-1				
Concentration	>=	10	<	25	%
Eye Irrit. 2	H319				

sodium cumenesulphonate

CAS No.	15763-76-5				
EINECS no.	239-854-6				
Registration no.	01-2119489411-37-XXXX				
Concentration	>=	1	<	10	%
Eye Irrit. 2	H319				

sodium etasulfate

CAS No.	126-92-1				
EINECS no.	204-812-8				
Registration no.	01-2119971586-23-XXXX				
Concentration	>=	1	<	3	%
Skin Irrit. 2	H315				
Eye Dam. 1	H318				

Concentration limits (Regulation (EC) No. 1272/2008)

Eye Dam. 1	H318	>= 20
Eye Irrit. 2	H319	>= 10 < 20

2-Methyl-2H-isothiazol-3-one

CAS No.	2682-20-4				
EINECS no.	220-239-6				
Concentration	>=	0,01	<	0,1	%
Acute Tox. 2	H330				
Acute Tox. 3	H301				
Acute Tox. 3	H311				
Skin Corr. 1B	H314				
Eye Dam. 1	H318				
Skin Sens. 1A	H317				
Aquatic Acute 1	H400				
Aquatic Chronic 1	H410				

Concentration limits (Regulation (EC) No. 1272/2008)

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Skin Sens. 1A	H317	>= 0,0015 %
Aquatic Acute 1		M = 10
Aquatic Chronic 1		M = 1

For explanation of abbreviations see section 16.

SECTION 4: First aid measures

4.1. Description of first aid measures

After inhalation

Ensure supply of fresh air. In the event of symptoms take medical treatment.

After skin contact

Wash off immediately with soap and water.

After eye contact

In case of contact with the eyes rinse thoroughly with plenty of water or with an eye-cleaning solution. Seek medical advice immediately.

After ingestion

Rinse out mouth and give plenty of water to drink. Seek medical advice immediately.

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

There is no further relevant information available

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

There is no further relevant information available

SECTION 5: Firefighting measures

5.1. Extinguishing media

Suitable extinguishing media

Carbon dioxide, Dry powder, Water spray jet

5.2. Special hazards arising from the substance or mixture

If a fire breaks out nearby, pressure build-up and danger of bursting are possible.

5.3. Advice for firefighters

Cool endangered containers with water spray jet.

SECTION 6: Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures

High risk of slipping due to leakage/spillage of product. Use personal protective clothing.

6.2. Environmental precautions

Do not allow to enter drains or waterways.

6.3. Methods and material for containment and cleaning up

Take up with absorbent material (eg sand, kieselguhr, universal binder). When picked up, treat material as prescribed under Section 13 "Disposal".

6.4. Reference to other sections

Refer to protective measures listed in Sections 7 and 8.

SECTION 7: Handling and storage

7.1. Precautions for safe handling

Observe the usual precautions for handling chemicals.

7.2. Conditions for safe storage, including any incompatibilities

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Emptied containers may contain product residues and therefore must be handled with care. Reuse only after appropriate cleaning. Containers which are opened must be carefully resealed and kept upright to prevent leakage.

7.3. Specific end use(s)

No information available

SECTION 8: Exposure controls/personal protection

8.1. Control parameters

Exposure limit values

List

There is not known any national exposure limit.

8.2. Exposure controls

General protective and hygiene measures

Observe the usual precautions for handling chemicals. Personal protective equipment must comply with the Regulation (EC) No 2016/425 and the resulting CEN standards. The following information on personal protective equipment (PPE) is to be understood as a suggestion. The selection of the necessary PPE must be considered by the employer depending on the activities to be carried out and the local conditions. If it is determined during the on-site risk assessment that there is no danger to the employee, there is no need to wear PPE or the scope of the PPE to be used can be adjusted accordingly.

Respiratory protection

Not necessary.

Hand protection

Chemical resistant gloves

Appropriate Material nitrile

Material thickness \geq 0,6 mmBreakthrough time $>$ 480 min

Wear suitable gloves. Chemical protection gloves are suitable, which are tested according to EN 374.

Check leaktightness/impermeability prior to use. In the case of wanting to use the gloves again, clean them before taking off and air them well. 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.

Eye protection

Tightly fitting safety glasses

Body protection

Clothing as usual in the chemical industry.

SECTION 9: Physical and chemical properties ***

9.1. Information on basic physical and chemical properties

Physical state	liquid
Colour	colourless
Odour	Product specific
Melting point	
Remarks	not determined
Boiling point	
Remarks	not determined
Flammability ***	
evaluation	not determined
Explosion limits	
Remarks	not determined
Flash point	

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Remarks	Not applicable	
Ignition temperature		
Remarks	not determined	
Thermal decomposition		
Remarks	Not relevant	
pH value		
Value	appr. 9	
Solubility in other solvents	not determined	
Octanol/water partition coefficient (log Pow)		
Remarks	Not relevant	
Vapour pressure		
Remarks	not determined	
Density		
Value	appr. 1,02	kg/l
Vapour density		
Remarks	not determined	
Particle characteristics		
Remarks	irrelevant (liquid)	
9.2. Other information		
Odour threshold		
Remarks	No data available	
Solubility in water		
Remarks	miscible	

SECTION 10: Stability and reactivity

10.1. Reactivity

No hazardous reactions when stored and handled according to prescribed instructions.

10.2. Chemical stability

The product is stable.

10.3. Possibility of hazardous reactions

Under normal conditions of storage and use, hazardous reactions will not occur.

10.4. Conditions to avoid

Protect from heat and direct sunlight.

Thermal decomposition

Remarks	Not relevant
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10.5. Incompatible materials

None known

10.6. Hazardous decomposition products

No hazardous decomposition products known.

SECTION 11: Toxicological information

11.1. Information on toxicological effects

Acute oral toxicity

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

Acute dermal toxicity

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

Acute inhalational toxicity

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

Skin corrosion/irritation

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

Serious eye damage/irritation

evaluation irritant
The classification criteria are met.

Sensitization

evaluation May cause sensitization by skin contact.
The classification criteria are met.

Mutagenicity

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

Reproductive toxicity

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

Carcinogenicity

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

Specific Target Organ Toxicity (STOT)**Single exposure**

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

Repeated exposure

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

Aspiration hazard

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

11.2 Information on other hazards**Endocrine disrupting properties with respect to humans**

The product does not contain a substance that has endocrine disrupting properties with respect to humans.

SECTION 12: Ecological information**12.1. Toxicity****Fish toxicity****sodium cumenesulphonate**

Reference substance	sodium cumenesulphonate	
Species	carp (Cyprinus carpio)	
LC50	> 100	mg/l
Duration of exposure	96	h
Method	OECD 203	

Daphnia toxicity**sodium cumenesulphonate**

Reference substance	sodium cumenesulphonate	
Species	Daphnia magna	
EC50	> 10	mg/l
Duration of exposure	48	h
Method	OECD 202	

Algae toxicity**sodium cumenesulphonate**

Reference substance	sodium cumenesulphonate	
Species	Desmodesmus subspicatus	
EC50	> 100	mg/l

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Duration of exposure 72 h

Bacteria toxicity**sodium cumenesulphonate**

Reference substance	sodium cumenesulphonate		
Species	activated sludge		
EC50	>	1000	mg/l
Duration of exposure	3	h	

12.2. Persistence and degradability

The surfactant(s) contained in this preparation complies(comply) with the biodegradability criteria as laid down in Regulation (EC) No.648/2004 on detergents.

Biodegradability**sodium cumenesulphonate**

Reference substance	sodium cumenesulphonate		
Value	>	60	%
Duration of test evaluation	28	d	
Method	Readily biodegradable (according to OECD criteria) OECD 301 B		

12.3. Bioaccumulative potential

For this subsection there is no ecotoxicological data available on the product as such.

Octanol/water partition coefficient (log Pow)

Remarks	Not relevant
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12.4. Mobility in soil

For this subsection there is no ecotoxicological data available on the product as such.

12.5. Results of PBT and vPvB assessment**Results of PBT and vPvB assessment**

The product contains no PBT substances. The product contains no vPvB substances.

12.6 Endocrine disrupting properties**Endocrine disrupting properties with respect to the environment**

The product does not contain a substance that has endocrine disrupting properties with respect to non-target organisms.

12.7. Other adverse effects

For this subsection there is no ecotoxicological data available on the product as such.

SECTION 13: Disposal considerations**13.1. Waste treatment methods****Disposal recommendations for the product**

Allocation of a waste code number, according to the European Waste Catalogue (EWC), should be carried out in agreement with the regional waste disposal company.

Disposal recommendations for packaging

Completely emptied packagings can be given for recycling.

SECTION 14: Transport information

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	Land transport ADR/RID	Marine transport IMDG/GGVSee
14.1. UN number	The product does not constitute a hazardous substance in land transport.	The product does not constitute a hazardous substance in sea transport.
14.2. UN proper shipping name	-	-
14.3. Transport hazard class(es)	-	-
14.4. Packing group	-	-
Label		
14.5. Environmental hazards	-	

Information for all modes of transport

14.6. Special precautions for user

Ensure that persons transporting the product know what to do in the event of an accident or spillage.

Other information

14.7 Maritime transport in bulk according to IMO instruments

Not relevant

SECTION 15: Regulatory information ***

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

Ingredients (Regulation (EC) No 648/2004)

15 % or over but less than 30 %: ***

non-ionic surfactants

less than 5 %: ***

anionic surfactants

Further ingredients ***

2-Methyl-2H-isothiazol-3-one, 1,2-benzisothiazol-3(2H)-one

VOC

VOC (EU) 0 %

Other information ***

The product does not contain substances according to: Candidate List for inclusion in Annex XIV of Regulation (EC) No. 1907/2006 (REACH).

15.2. Chemical safety assessment

For this preparation a chemical safety assessment has not been carried out.

SECTION 16: Other information

Classification and procedure used to derive the classification for mixtures according to Regulation (EC) 1272/2008 [CLP]:

Eye Irrit. 2	H319	Calculation method
Skin Sens. 1A	H317	Calculation method

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Hazard statements listed in Chapter 2/3

H301	Toxic if swallowed.
H311	Toxic in contact with skin.
H314	Causes severe skin burns and eye damage.
H315	Causes skin irritation.
H317	May cause an allergic skin reaction.
H318	Causes serious eye damage.
H319	Causes serious eye irritation.
H330	Fatal if inhaled.
H400	Very toxic to aquatic life.
H410	Very toxic to aquatic life with long lasting effects.

CLP categories listed in Chapter 2/3

Acute Tox. 2	Acute toxicity, Category 2
Acute Tox. 3	Acute toxicity, Category 3
Aquatic Acute 1	Hazardous to the aquatic environment, acute, Category 1
Aquatic Chronic 1	Hazardous to the aquatic environment, chronic, Category 1
Eye Dam. 1	Serious eye damage, Category 1
Eye Irrit. 2	Eye irritation, Category 2
Skin Corr. 1B	Skin corrosion, Category 1B
Skin Irrit. 2	Skin irritation, Category 2
Skin Sens. 1A	Skin sensitization, Category 1A

Abbreviations

ADR: Accord européen relatif au transport international des marchandises Dangereuses par Route
 RID: Règlement concernant le transport international ferroviaire de marchandises dangereuses
 GGVSee: Gefahrgutverordnung See
 IMDG: International Maritime Code for Dangerous Goods
 CAS: Chemical Abstracts Service
 EAK: Europäischer Abfallkatalog
 EINECS: European Inventory of Existing Commercial Chemical Substances
 VOC: Volatile Organic Compound
 GefStoffV: Gefahrstoffverordnung
 TA Luft: Technische Anleitung zur Reinhaltung der Luft
 INCI: International Nomenclature of Cosmetic Ingredients
 n.a.g.: nicht anders genannt
 MAK: Maximale Arbeitsplatz-Konzentration
 AGW: Arbeitsplatzgrenzwert
 BGW: Biologischer Grenzwert
 TRGS: Technische Regeln für Gefahrstoffe
 OEL: Occupational exposure limit
 SUVA: Schweizerische Unfallversicherungsanstalt
 WEL: Workplace exposure limit
 MAC: Maximale aanvaarde concentratie (Netherlands)
 MEL: Maximum exposure limits
 NOEL: No observable effect level
 NOEC: No observable effect concentration
 LD: Lethal dose
 LC: Lethal concentration
 LLC: Lowest lethal concentration
 PBT: Persistent, Bioaccumulative and Toxic
 vPvB: Very persistent and very bioaccumulative
 SVHC: Substances of very high concern
 DNEL: Derived no effect level
 DMEL: Derived minimal effect level
 PNEC: Predicted no effect concentration
 PEC: Predicted environmental concentration
 GHS: Globally Harmonized System of classification and Labelling of Chemicals
 REACH: Registration, Evaluation, Autohorisation and Restriction of Chemicals

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UN: United Nations

EG: Europäische Gemeinschaft

EWG: Europäische Wirtschaftsgemeinschaft

EU: European Union

HSNO: Hazardous Substances and New Organisms Act (New Zealand)

ATE: Acute Toxicity Estimate

STOT: Specific Target Organ Toxicity

Supplemental information

Relevant changes compared with the previous version of the safety data sheet are marked with: ***

This information is based on our present state of knowledge. However, it should not constitute a guarantee for any specific product properties and shall not establish a legally valid relationship.