

Safety Data Sheet as per regulation (EC) 1907/2006

Commercial Product Name: DNS 1 For All



Revision Date: 26.06.2020

Version: 4/en

Replaces version from: 30.03.2017

Print date: 30.06.2020

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

1.1 Product identifier

*Commercial Product Name **DNS 1 For All**

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

Relevant identified uses Joints in facades. Joints in the kitchen and bathroom. Joints around window sills in the interior and exterior sector. Joints on counters and wall sockets.

1.3 Details of the supplier of the safety data sheet

Company designation fischerwerke GmbH & Co. KG
Klaus-Fischer-Straße 1
D-72178 Waldachtal
Telephone: +49(0)7443 12-0
FAX: +49(0)7443 12-4222
Email: info-sdb@fischer.de
Internet: www.fischer.de

Marketer Great Britain: Mrs Mirka Valovicova, fischer Fixing (UK) Ltd
Hithercroft Road
Wallingford, Oxfordshire, OX10 9AT
Telephone: +44 01491 827 920
FAX: +44 01491 827 950
Internet: www.fischer.co.uk

1.4 Emergency telephone number

Emergency telephone number +49(0)6132-84463 (24h)

SECTION 2: Hazards identification

2.1 Classification of the substance or mixture

Classification according to Regulation (EC) No. 1272/2008 This product is classified as not hazardous according to regulation (EC) 1272/2008 [CLP].

2.2 Label elements

*Labelling according to Regulation (EC) No. 1272/2008 [CLP] The product does not have to be labelled according to Regulation (EC) No. 1272/2008 [CLP].

*Further information EUH208: Contains 2-Octyl-2H-isothiazol-3-on. May produce an allergic reaction.
EUH210: Safety data sheet available on request.

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SECTION 3: Composition/information on ingredients

3.2 Mixtures

Hazardous ingredients

Ingredient	CAS No.	Classification (EC) 1272/2008	Concentration
5-Ethyl-2,8-Di-methyl-5-[(Propan-2-ylideneamino)oxy]-4,6-dioxy-3,7-diaza-5-silanone-2,7-dien	*CAS No.: 58190-57-1	STOT RE 2; H373	5.0 - 10.0 % by weight
2-Octyl-2H-isothiazol-3-on	CAS No.: 26530-20-1 EC-No.: 247-761-7 Index-No.: 613-112-00-5	Acute Tox. 3 ; H331 Acute Tox. 3 ; H311 Acute Tox. 4 ; H302 Skin Corr. 1B; H314 Skin Sens. 1; H317 Aquatic Acute 1; H400Aquatic Chronic 1; H410	< 0.01 % by weight

SECTION 4: First aid measures

4.1 Description of first aid measures

*General advice	Call a doctor if you feel unwell. Take off immediately all contaminated clothing.
*If inhaled	IF INHALED: If breathing is difficult, remove victim to fresh air and keep at rest in a position comfortable for breathing.
*In case of skin contact	IF ON SKIN: Gently wash with plenty of soap and water.
*In case of eye contact	IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
*If swallowed	If swallowed, do not induce vomiting: seek medical advice immediately and show this container or label. If swallowed, rinse mouth with water (only if the person is conscious).

4.3 Indication of any immediate medical attention and special treatment needed

Immediate medical attention	No data available
Special medical treatment	No data available

SECTION 5: Firefighting measures

5.1 Extinguishing media

*Suitable extinguishing media	carbon dioxide Extinguishing powder Foam Water spray jet
*Extinguishing media which must not be used for safety reasons	Full water jet

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5.2 Special hazards arising from the substance or mixture

*Special exposure hazards arising from the substance or preparation itself, its combustion products, or released gases
Gases/vapours, toxic

5.3 Advice for firefighters

*Special protective equipment for firefighting
In case of fire: Wear self-contained breathing apparatus.
In case of fire and/or explosion do not breathe fumes.

*Additional information on firefighting
Do not allow water used to extinguish fire to enter drains, ground or waterways.
Use water spray jet to protect personnel and to cool endangered containers. Danger of bursting container.

SECTION 6: Accidental release measures

6.1 Personal precautions, protective equipment and emergency procedures

*Personal precautions
Provide for good room ventilation.

6.2 Environmental precautions

*Environmental precautions
Do not allow to enter into surface water or drains.
Prevent spread over a wide area (e.g. by containment or oil barriers).

6.3 Methods and material for containment and cleaning up

*Methods for cleaning up
Allow stiffening. Take up mechanically.
Treat the recovered material as prescribed in the section on waste disposal.

6.4 Reference to other sections

*Reference to other sections
Disposal: see section 13
Safe handling: see section 7
See section 8.

6.5 Additional information

*Other information
Dispose of waste according to applicable legislation.

SECTION 7: Handling and storage

7.1 Precautions for safe handling

*Advice on safe handling
No special handling advices are necessary.

*Advice on protection against fire and explosion
No special measures are necessary.

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7.2 Conditions for safe storage, including any incompatibilities

*Storage space and container requirements Keep container tightly closed and in a well-ventilated place.
Keep only in the original container.

*Hints on storage assembly Observe in addition any national regulations!

TRGS 510 LGK 10-13

7.3 Specific end use(s)

Specific use(s) Further information: see technical data sheet.

SECTION 8: Exposure controls/personal protection

8.1 Control parameters

The product does not contain any relevant quantities of materials with critical values that have to be monitored at the workplace.

8.2 Exposure controls

*Respiratory protection Usually no personal respirative protection necessary.

*Hand protection

Suitable material Butyl caoutchouc (butyl rubber), NBR (Nitrile rubber), CR (polychloroprene, chloroprene rubber)

Unsuitable material PVC or rubber gloves are not recommended.

Material thickness $\geq 0,5$ mm

Break through time >120 min

Remarks Request information on glove permeation properties from the glove supplier. Be aware that in daily use the durability of a chemical resistant protective glove can be notably shorter than the break through time measured according to EN 374, due to the numerous outside influences (e.g. temperature). Replace when worn.

*Eye protection Wear closely fitting protective glasses in case of splashes.

Skin and body protection Wear suitable protective equipment.

Note Choose body protection according to the amount and concentration of the dangerous substance at the work place.

*General protective and hygiene measures Do not eat, drink or smoke when using this product.
Avoid contact with skin, eyes and clothes.
Take off immediately all contaminated clothing.
Wash hands before breaks and after work.
Keep away from food, drink and animal feedingstuffs.
Use protective skin cream before handling the product.

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*Information on environmental protection regulations No special environmental measures are necessary.

Engineering measures Not applicable.

SECTION 9: Physical and chemical properties

9.1 Information on basic physical and chemical properties

Form	paste
Colour	various
Additional information on colour	see label
Odour threshold	not determined
pH	not determined No data available
*Melting point [°C] / Freezing point [°C]	not determined
*Boiling point [°C]	not determined
*Flash point [°C]	not determined
Evaporation rate [kg/(s*m ²)]	No data available
Explosion limits [Vol-%]	
Lower limit	not determined
Upper limit	not determined
Vapour pressure [kPa]	not determined
*Density [g/cm ³]	1,03
Water solubility [g/l]	insoluble
Solubility [g/l]	No data available
Partition coefficient n-octanol /water (log P O/W)	No data available
Autoignition temperature [°C]	not determined
*Autoinflammability	not relevant
*Viscosity, dynamic [kg/(m*s)]	800
*Risk of explosion.	not explosive.

9.2 Other information

*Ignition temperature [°C] > 440

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SECTION 10: Stability and reactivity

10.1 Reactivity

*Thermal decomposition No hazardous reaction when handled and stored according to provisions.

10.2 Chemical stability

*Chemical stability Stable when applying the recommended regulations for storage and handling. Further information on correct storage: refer to section 7.

10.3 Possibility of hazardous reactions

*Hazardous reactions No hazardous reaction when handled and stored according to provisions.

10.4 Conditions to avoid

*Conditions to avoid The mixture is chemically stable under recommended conditions of storage, use and temperature.

10.5 Incompatible materials

*Materials to avoid No hazardous reaction when handled and stored according to provisions.

10.6 Hazardous decomposition products

*Hazardous decomposition products No decomposition if used as directed.
No known hazardous decomposition products.

SECTION 11: Toxicological information

11.1 Information on toxicological effects

Oral toxicity [mg/kg]

Hazardous ingredients

* 5-Ethyl-2,8-Dimethyl-5-[(Propan-2-ylideneamino)oxy]-4,6-dioxy-3,7-diaza-5-silanone-2,7-dien			
Value	Test criterion	Test species	Source
> 2500	LD50	Rat	Company data

Dermal toxicity [mg/kg]

Hazardous ingredients

* 5-Ethyl-2,8-Dimethyl-5-[(Propan-2-ylideneamino)oxy]-4,6-dioxy-3,7-diaza-5-silanone-2,7-dien			
Value	Test criterion	Test species	Source
> 2000	LD50	rat	Company data

*Irritant effect on skin Based on available data, the classification criteria are not met.

*Irritant effect on eyes Based on available data, the classification criteria are not met.

*Irritant effect on the respiratory tract Based on available data, the classification criteria are not met.

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*Sensitization

Contains 2-octyl-2H-isothiazol-3-one. May produce an allergic reaction.

SECTION 12: Ecological information

12.1 Toxicity

Toxicity to fish [mg/l]

Hazardous ingredients

* 5-Ethyl-2,8-Dimethyl-5-[(Propan-2-ylideneamino)oxy]-4,6-dioxy-3,7-diaza-5-silanone-2,7-dien				
Value	Test criterion	Test species	Exposure duration	Source
696,76	LC50	Pimephales promelas (fat-head minnow)	96 h	Company data

Toxicity to daphnia [mg/l]

Hazardous ingredients

* 5-Ethyl-2,8-Dimethyl-5-[(Propan-2-ylideneamino)oxy]-4,6-dioxy-3,7-diaza-5-silanone-2,7-dien				
Value	Test criterion	Test species	Exposure duration	Source
678,73	EC50	Daphnia magna (Big water flea)	48 h	Company data

Toxicity to algae [mg/l]

Hazardous ingredients

* 5-Ethyl-2,8-Dimethyl-5-[(Propan-2-ylideneamino)oxy]-4,6-dioxy-3,7-diaza-5-silanone-2,7-dien				
Value	Test criterion	Test species	Exposure duration	Source
315,36	ErC50:	Pseudokirchneriella subcapitata	72 h	Company data

NOEC (algae) [mg/l]

Hazardous ingredients

* 5-Ethyl-2,8-Dimethyl-5-[(Propan-2-ylideneamino)oxy]-4,6-dioxy-3,7-diaza-5-silanone-2,7-dien				
Value	Test criterion	Test species	Exposure duration	Source
623,4	NOEC	Pseudokirchneriella subcapitata	3 d	Company data

12.2 Persistence and degradability

*Elimination and distribution mechanisms There are no data available on the mixture itself.

*Elimination in purification plant No data available

*Biodegradability No data available

12.3 Bioaccumulative potential

*Bioaccumulation There are no data available on the mixture itself.

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*Bioconcentration factor (BCF) No data available

12.4 Mobility in soil

*Distribution in the environment No data available

*Mobility No data available

12.5 Results of PBT and vPvB assessment

*Results of PBT and vPvB assessment This substance does not meet the PBT/vPvB criteria of REACH, Annex XIII.

12.6 Other adverse effects

*Further information on ecology There are no data available on the mixture itself.

SECTION 13: Disposal considerations

13.1 Waste treatment methods

*Disposal considerations Do not allow to enter into surface water or drains.
Dispose of waste according to applicable legislation.
Empty remaining contents.

Waste Code According to the European Waste Catalogue, Waste Codes are not product specific, but application specific.
The following Waste Codes are only suggestions:
Product (Mortar and Curing agent)
200127 - paint, inks, adhesives and resins containing dangerous substances
080409 - waste adhesives and sealants containing organic solvents or other dangerous substances
cured material and completely squeezed cartridges
200000 - MUNICIPAL WASTES (HOUSEHOLD WASTE AND SIMILAR COMMERCIAL, INDUSTRIAL AND INSTITUTIONAL WASTES) INCLUDING SEPARATELY COLLECTED FRACTIONS

SECTION 14: Transport information

	*Land transport ADR/RID	*Marine transport IMDG	*Air transport ICAO/IATA
14.1 UN-No	Not applicable.	Not applicable.	Not applicable.
14.2 Description of the goods	No dangerous good according to ADR	No dangerous good according to IMDG	No dangerous good according to IATA
14.3 Transport hazard class(es)	Not applicable.	Not applicable.	Not applicable.
14.4 Packaging group	Not applicable.	Not applicable.	Not applicable.
14.5 Environmental hazards	Not applicable.	Not applicable.	Not applicable.
14.2 UN proper shipping name		Non dangerous good	Non dangerous good

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SECTION 15: Regulatory information

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

VOC 0 %

15.2 Chemical safety assessment

*Safety assessment not relevant. Chemical safety assessments for substances in this mixture were not carried out.

*Additional regulations This product is a "Treated article without primary biocidal function (Art. 58 in conjunction with Art. 3 (1) a)". This product protects itself by the added film protection active substance, which cannot show any outwardly directed effect by the resulting plastic film. Film protective agent: 2-octyl-2H-isothiazol-3-one

SECTION 16: Other information

Modifications since last version Modifications of the previous version are denoted with an asterisk (*).

Relevant H-phrases H302: Harmful if swallowed.
H311: Toxic in contact with skin.
H314: Causes severe skin burns and eye damage.
H317: May cause an allergic skin reaction.
H331: Toxic if inhaled.
H373: May cause damage to organs through prolonged or repeated exposure .
H410: Very toxic to aquatic life with long lasting effects.
EUH208: Contains 2-Octyl-2H-isothiazol-3-on. May produce an allergic reaction.

Wording of the hazard classes STOT RE: Specific target organ toxicity - repeated exposure
Acute Tox.: Acute toxicity
Skin Sens.: Skin sensitization
Aquatic Acute: Hazardous to the aquatic environment
This product is classified as not hazardous according to regulation EC CLP

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This information is provided in accordance with the current status of our knowledge and experience. The Safety Data Sheet describes products with a view to relevant safety requirements. This information does not constitute a warranty of properties, features or qualities.