Safety data sheet
ACCORDING TO COMMISSION REGULATION (EU) 2020/878
amending Annex II to Regulation (EC) No 1907/2006

Printing date 17.02.2023 Version number 3.0 (replaces version 2.0) Revision: 17.02.2023

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

· **1.1 Product identifier**

· **Trade name: Mole Drain Opener Gel**

· **UFI:** 0R3R-FD6N-3Q3C-171M

· **1.2 Relevant identified uses of the substance or mixture and uses advised against** ·
· **Application of the substance / the mixture:**
Cleaning material/ Detergent
Tube cleaner/ pipe cleaning agent
· **Uses advised against:** No further relevant information available.

· **1.3 Details of the supplier of the safety data sheet**

· **Manufacturer/Supplier:**
Global Cosmed Group S.A.
ul. Kuziennicza 15, 59-400 JAWOR
Telefon +48 76 870 30 31; Fax +48 76 870 32 63
Nr statystyczny REGON - 390339667
www.globalcosmed.eu
sekretariat.jawor@globalcosmed.eu
.
Global Cosmed GmbH
Global Cosmed International GmbH
Osterbekstraße 90 a
D-22083 Hamburg, Germany
Tel. +49 40 64 60 429 - 0 (8:00 - 17:00)
Tel. +49 40 64 60 429 - 30 (8:00 - 17:00)
Fax +49 40 64 60 429 - 58
info@globalcosmed.de
www.globalcosmed.de

· **1.4 Emergency telephone number:**
+49 40 64 60 429 - 0 (Mo. to Fr. 8:00 - 17:00) or 112
+ 48 76 870 30 31 (Mo. to Fr. 8:00 - 16:00) or 112

SECTION 2: Hazards identification

· **2.1 Classification of the substance or mixture**
· **Classification according to Regulation (EC) No 1272/2008**

GHS05 corrosion

Met. Corr.1	H290 May be corrosive to metals.
Skin Corr. 1A	H314 Causes severe skin burns and eye damage.
Eye Dam. 1	H318 Causes serious eye damage.
Aquatic Chronic 3	H412 Harmful to aquatic life with long lasting effects.

· **2.2 Label elements**
· **Labelling according to Regulation (EC) No 1272/2008**
The product is classified and labelled according to the CLP regulation.

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· **Hazard pictograms**

GHS05

· **Signal word** Danger

· **Hazard-determining components of labelling:**
SODIUM HYDROXIDE (sodium hydroxide)
SODIUM HYPOCHLORITE (sodium hypochlorite, solution)
MYRISTAMINE OXIDE (N,N-Dimethyltetradecylamine N-oxide)

· **Hazard statements**
H290 May be corrosive to metals.
H314 Causes severe skin burns and eye damage.
H412 Harmful to aquatic life with long lasting effects.

· **Precautionary statements**

P101	If medical advice is needed, have product container or label at hand.
P102	Keep out of reach of children.
P260	Do not breathe vapours.
P280	Wear protective gloves/protective clothing/eye protection/face protection.
P301+P330+P331	IF SWALLOWED: Rinse mouth. Do NOT induce vomiting.
P303+P361+P353	IF ON SKIN (or hair): Take off immediately all contaminated clothing. Rinse skin with water [or shower].
P304+P340	IF INHALED: Remove person to fresh air and keep comfortable for breathing.
P305+P351+P338	IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
P310	Immediately call a doctor.
P405	Store locked up.
P411	Store at temperatures not exceeding 30°C.
P501	Dispose of contents/container in accordance with national regulations to disposal.

· **Additional information:**
EUH206 Warning! Do not use together with other products. May release dangerous gases (chlorine).

· **2.3 Other hazards**

· **Results of PBT and vPvB assessment**

· **PBT:** Not applicable.

· **vPvB:** Not applicable.

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SECTION 3: Composition/information on ingredients

· **3.2 Mixtures**

· **Description:**
Mixture: consisting of the following components.
Sodium hypochlorite, solution 1,5 - 2,3 % Cl active.

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· **Dangerous components:**

CAS: 1310-73-2 EINECS: 215-185-5 Index number: 011-002-00-6 Reg.nr.: 01-2119457892-27	SODIUM HYDROXIDE (sodium hydroxide) Met. Corr.1, H290; Skin Corr. 1A, H314; Eye Dam. 1, H318 Specific concentration limits: Skin Corr. 1A; H314: C ≥ 5 % Skin Corr. 1B; H314: 2 % ≤ C < 5 % Skin Irrit. 2; H315: 0.5 % ≤ C < 2 % Eye Irrit. 2; H319: 0.5 % ≤ C < 2 %	≥5-<15%
CAS: 7681-52-9 EINECS: 231-668-3 Index number: 017-011-00-1 Reg.nr.: 01-2119488154-34	SODIUM HYPOCHLORITE (sodium hypochlorite, solution) Skin Corr. 1B, H314; Eye Dam. 1, H318; Aquatic Acute 1, H400 (M=10); Aquatic Chronic 1, H410 (M=1), EUH031 Specific concentration limit: EUH031: C ≥ 5 %	≥1-<2.5%
CAS: 3332-27-2 EINECS: 222-059-3 Reg.nr.: 01-2119949262-37	MYRISTAMINE OXIDE (N,N-Dimethyltetradecylamine N-oxide) Eye Dam. 1, H318; Aquatic Acute 1, H400; Aquatic Chronic 2, H411; Acute Tox. 4, H302; Skin Irrit. 2, H315	≥0.25-<2.5%

· **Regulation (EC) No 648/2004 on detergents / Labelling for contents**

chlorine-based bleaching agents, non-ionic surfactants, anionic surfactants	<5%

· **Additional information:** For the wording of the listed hazard phrases refer to section 16.

SECTION 4: First aid measures

· **4.1 Description of first aid measures**
· **General information:** Immediately remove any clothing soiled by the product.
· **After inhalation:** In case of unconsciousness place patient stably in side position for transportation.
· **After skin contact:**
Immediately wash with water and soap and rinse thoroughly.
Rinse with warm water.
· **After eye contact:** Rinse opened eye for several minutes under running water. Then consult a doctor.
· **After swallowing:** Drink plenty of water and provide fresh air. Call for a doctor immediately.

· **4.2 Most important symptoms and effects, both acute and delayed** No further relevant information available.

· **4.3 Indication of any immediate medical attention and special treatment needed**
No further relevant information available.

SECTION 5: Firefighting measures

· **5.1 Extinguishing media**
· **Suitable extinguishing agents:**
Use fire extinguishing methods suitable to surrounding conditions.
Water spray
· **5.2 Special hazards arising from the substance or mixture**
During heating or in case of fire poisonous gases are produced.

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· **5.3 Advice for firefighters**
· **Protective equipment:** Mouth respiratory protective device.

SECTION 6: Accidental release measures

· **6.1 Personal precautions, protective equipment and emergency procedures**
Mount respiratory protective device.
Wear protective equipment. Keep unprotected persons away.
Avoid skin and eye contact.
Slipping hazard due to leaking product.
· **6.2 Environmental precautions:**
Inform respective authorities in case of seepage into water course or sewage system.
Dilute with plenty of water.
Do not allow to enter sewers/ surface or ground water.
· **6.3 Methods and material for containment and cleaning up:**
Absorb with liquid-binding material (sand, diatomite, acid binders, universal binders, sawdust).
Use neutralising agent.
Dispose contaminated material as waste according to item 13.
Ensure adequate ventilation.
· **6.4 Reference to other sections**
See Section 7 for information on safe handling.
See Section 8 for information on personal protection equipment.
See Section 13 for disposal information.

SECTION 7: Handling and storage

· **7.1 Precautions for safe handling**
No special measures required.
Ensure good ventilation/exhaustion at the workplace.
Prevent formation of aerosols.
Keep away from frost and heat.
· **Information about fire - and explosion protection:** Keep respiratory protective device available.

· **7.2 Conditions for safe storage, including any incompatibilities**
· **Storage:**
· **Requirements to be met by storerooms and receptacles:** Store only in the original receptacle.
· **Information about storage in one common storage facility:** Not required.
· **Further information about storage conditions:**
Store at temperatures not exceeding 30°C.
Keep container tightly sealed.
Protect from heat and direct sunlight.
Store and transport uprightly.
· **Storage class:** 8 B
· **7.3 Specific end use(s)**
The product is a cleaning product for household use. Observe the warnings and instructions on the packaging.

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SECTION 8: Exposure controls/personal protection

· **8.1 Control parameters**
· **Ingredients with limit values that require monitoring at the workplace:**
The product does not contain any relevant quantities of materials with critical values that have to be monitored at the workplace.

· **DNELs**		
1310-73-2 SODIUM HYDROXIDE (sodium hydroxide)		
Inhalative	DNEL - long-term, inhaled, local effect	1 mg/m³ (worker)
	DNEL - short-term, inhaled, local effect	1 mg/m³ (consumer)
7681-52-9 SODIUM HYPOCHLORITE (sodium hypochlorite, solution)		
Dermal	DNEL - long-term, dermal, local effect	0.5 µg/cm²
Inhalative	DNEL - long-term, inhaled, local effect	1.55 mg/m³
	DNEL - long-term, inhaled, systemic effect	1.55 mg/m³
	DNEL - short-term, inhaled, systemic effect	3.1 mg/m³
	DNEL - short-term, inhaled, local effect	3.1 mg/m³
3332-27-2 MYRISTAMINE OXIDE (N,N-Dimethyltetradecylamine N-oxide)		
Oral	DNEL - long-term, oral, systemic effect	0.44 mg/kg (consumer)
Dermal	DNEL - long-term, dermal, systemic effect	11 mg/kg (worker)
		5.5 mg/kg (consumer)
Inhalative	DNEL - long-term, inhaled, systemic effect	6.2 mg/m³ (worker)
		1.53 mg/m³ (consumer)

· **PNECs**	
7681-52-9 SODIUM HYPOCHLORITE (sodium hypochlorite, solution)	
PNEC water (fresh water)	0.21 µg/l
PNEC water (marine water)	0.042 µg/l
PNEC (sewage plant)	4.69 mg/l
3332-27-2 MYRISTAMINE OXIDE (N,N-Dimethyltetradecylamine N-oxide)	
PNEC water (fresh water)	33.5 µg/l
PNEC water (marine water)	3.35 µg/l
PNEC water (intermittent)	33.5 µg/l
PNEC sediment (fresh water)	5.24 mg/kg
PNEC sediment (marine water)	0.524 mg/kg
PNEC (soil)	1.02 mg/kg

· **Additional information:** The lists valid during the making were used as basis.

· **8.2 Exposure controls**
· **Appropriate engineering controls** No further relevant information available.
· **Individual protection measures, such as personal protective equipment**
· **Respiratory protection:**
In case of brief exposure or low pollution use respiratory filter device. In case of intensive or longer exposure use self-contained respiratory protective device.

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· ***Hand protection***

Protective gloves

Due to missing tests, it is not possible to give exact information about the glove material for the product.
Recommended is therefore:
Only use chemical-protective gloves with CE-labelling of category III.

· ***Material of gloves***
Recommended for contact with the product are protective gloves of chemical protection category III made of special nitrile (material thickness > 0.1 mm). Protective gloves should be tested for workplace specific suitability (e.g. mechanical and thermal resistance, antistatic, etc.). For first signs of wear, the protective gloves must be replaced immediately.
The selection of the suitable gloves does not only depend on the material, but also on further marks of quality and varies from manufacturer to manufacturer. As the product is a preparation of several substances, the resistance of the glove material can not be calculated in advance and has therefore to be checked prior to the application.

· ***Penetration time of glove material***
Penetration time > 480 minutes recommended. Named penetration times can be significantly shorter in practice.

· ***Eye/face protection***

Tightly sealed goggles

· ***General protective and hygienic measures:***
Keep away from foodstuffs, beverages and feed.
Immediately remove all soiled and contaminated clothing
Wash hands before breaks and at the end of work.
Do not inhale gases / fumes / aerosols.
Avoid contact with the eyes.
Avoid contact with the eyes and skin.

· ***Environmental exposure controls***
Do not allow product to reach ground water, water course or sewage system.
Must not reach sewage water or drainage ditch undiluted or unneutralised.
Rinse off of bigger amounts into drains or the aquatic environment may lead to increased pH-values. A high pH-value harms aquatic organisms. In the dilution of the use-level the pH-value is considerably reduced, so that after the use of the product the aqueous waste, emptied into drains, is only low water-dangerous.

SECTION 9: Physical and chemical properties

· ***9.1 Information on basic physical and chemical properties***
· ***General Information***

· ***Physical state***	*Fluid*
· ***Colour:***	*Colourless*
· ***Odour:***	*Chlorine-like*
· ***Odour threshold:***	*Not determined.*
· ***Melting point/freezing point:***	*Undetermined.*

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· **Boiling point or initial boiling point and boiling range**	Undetermined.
· **Flammability**	Not applicable.
· **Lower and upper explosion limit**	
· **Lower:**	Not determined.
· **Upper:**	Not determined.
· **Flash point:**	Not applicable.
· **Decomposition temperature:**	Not determined.
· **pH at 20 °C**	>12-13
· **Viscosity:**	
· **Kinematic viscosity**	Not determined.
· **Dynamic at 20 °C:**	<20,000 mPas
· **Solubility**	
· **water:**	Fully miscible.
· **Partition coefficient n-octanol/water (log value)**	Not determined.
· **Vapour pressure at 20 °C:**	~23 hPa (7732-18-5 water)
· **Density and/or relative density**	
· **Density at 20 °C:**	0.9-1.2 g/cm³
· **Relative density**	Not determined.
· **Vapour density**	Not determined.

· **9.2 Other information**	
· **Appearance:**	
· **Form:**	Fluid
· **Important information on protection of health and environment, and on safety.**	
· **Auto-ignition temperature:**	Product is not selfigniting.
· **Explosive properties:**	Product does not present an explosion hazard.
· **Solvent content:**	
· **Water:**	91.0 %
· **Change in condition**	
· **Evaporation rate**	Not determined.

· **Information with regard to physical hazard classes**	
· **Explosives**	Void
· **Flammable gases**	Void
· **Aerosols**	Void
· **Oxidising gases**	Void
· **Gases under pressure**	Void
· **Flammable liquids**	Void
· **Flammable solids**	Void
· **Self-reactive substances and mixtures**	Void
· **Pyrophoric liquids**	Void
· **Pyrophoric solids**	Void
· **Self-heating substances and mixtures**	Void
· **Substances and mixtures, which emit flammable gases in contact with water**	Void
· **Oxidising liquids**	Void
· **Oxidising solids**	Void
· **Organic peroxides**	Void
· **Corrosive to metals**	May be corrosive to metals.

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· **Desensitised explosives**	Void

SECTION 10: Stability and reactivity

· **10.1 Reactivity** No further relevant information available.
· **10.2 Chemical stability** Product is stable.
· **Thermal decomposition / conditions to be avoided:** No decomposition if used according to specifications.
· **10.3 Possibility of hazardous reactions** Corrosive action on metals.
· **10.4 Conditions to avoid** Keep away from frost and heat.
· **10.5 Incompatible materials:**
Warning! Do not use together with other products. May release dangerous gases (chlorine).
Metals such as aluminum, zinc and tin.
· **10.6 Hazardous decomposition products:** No dangerous decomposition products known.

SECTION 11: Toxicological information

· **11.1 Information on hazard classes as defined in Regulation (EC) No 1272/2008**
· **Acute toxicity** Based on available data, the classification criteria are not met.

· **LD/LC50 values relevant for classification:**		
1310-73-2 SODIUM HYDROXIDE (sodium hydroxide)		
Oral	LD50	>2,000 mg/kg (rat)
7681-52-9 SODIUM HYPOCHLORITE (sodium hypochlorite, solution)		
Oral	LD50	5,800 mg/kg (mouse)
Dermal	LD50	20,000 mg/kg (rabbit)
3332-27-2 MYRISTAMINE OXIDE (N,N-Dimethyltetradecylamine N-oxide)		
Oral	LD50	1,495 mg/kg (rat)
137-16-6 Sodium N-lauroylsarcosinate		
Oral	LD50	>5,000 mg/kg (rat) (OECD TG 401)
Inhalative	LC50/4 h	mg/l (rat)

· **Skin corrosion/irritation** Causes severe skin burns and eye damage.
· **Serious eye damage/irritation** Causes serious eye damage.
· **Respiratory or skin sensitisation** Based on available data, the classification criteria are not met.
· **Germ cell mutagenicity** Based on available data, the classification criteria are not met.
· **Carcinogenicity** Based on available data, the classification criteria are not met.
· **Reproductive toxicity** Based on available data, the classification criteria are not met.
· **STOT-single exposure** Based on available data, the classification criteria are not met.
· **STOT-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**
None of the ingredients is listed.

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SECTION 12: Ecological information

· **12.1 Toxicity**

· **Aquatic toxicity:**	
1310-73-2 SODIUM HYDROXIDE (sodium hydroxide)	
Toxicity (fish): LC50	45.4 mg/l, 96 h (Oncorhynchus mykiss)
	99 mg/l, 96 h (Lepomis macrochirus)
Toxicity (Daphnia): EC50	>100 mg/l, 48 h (Daphnia magna)
7681-52-9 SODIUM HYPOCHLORITE (sodium hypochlorite, solution)	
Toxicity (Algea): EC50	0.0365 mg/l, 72 h (Pseudokirchneriella subcapitata)
3332-27-2 MYRISTAMINE OXIDE (N,N-Dimethyltetradecylamine N-oxide)	
Toxicity (fish): LC50	>1-10 mg/l, 96 h (Brachydanio rerio) (OECD TG 203)
Toxicity (Daphnia): EC50	>1-10 mg/l, 48 h (Daphnia magna) (OECD TG 202)
Toxicity (Algea): EC50	>0.1-1 mg/l, 72 h (Pseudokirchneriella subcapitata) (OECD TG 201)
137-16-6 Sodium N-lauroylsarcosinate	
Toxicity (fish): LC50	107 mg/l, 96 h (Danio rerio) (OECD TG 203)
Toxicity (Daphnia): EC50	29.7 mg/l, 48 h (Daphnia magna) (OECD TG 202)
Toxicity chronic (Algea): NOEC	9.2 mg/l, 72 h (Desmodesmus subspicatus) (OECD TG 201)

· **12.2 Persistence and degradability**
No information for the product available. The contained surfactants are readily biodegradable.

3332-27-2 MYRISTAMINE OXIDE (N,N-Dimethyltetradecylamine N-oxide)	
Readily biodegradable	% (-)
137-16-6 Sodium N-lauroylsarcosinate	
Readily biodegradable	82 % /28 d

· **12.3 Bioaccumulative potential** No further relevant information available.

· **12.4 Mobility in soil** No further relevant information available.
· **12.5 Results of PBT and vPvB assessment**
· **PBT:** Not applicable.
· **vPvB:** Not applicable.
· **12.6 Endocrine disrupting properties**
The product does not contain substances with endocrine disrupting properties.
· **12.7 Other adverse effects**
· **Remark:** Harmful to fish
· **Additional ecological information:**
· **General notes:**
Water hazard class 2 (German Regulation) (Self-assessment): hazardous for water
Do not allow product to reach ground water, water course or sewage system.
Must not reach sewage water or drainage ditch undiluted or unneutralised.
Danger to drinking water if even small quantities leak into the ground.
Harmful to aquatic organisms
Rinse off of bigger amounts into drains or the aquatic environment may lead to increased pH-values. A high pH-value harms aquatic organisms. In the dilution of the use-level the pH-value is considerably reduced, so that after the use of the product the aqueous waste, emptied into drains, is only low water-dangerous.

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SECTION 13: Disposal considerations

· **13.1 Waste treatment methods**
· **Recommendation**
Empty the container thoroughly.
Small amounts may be diluted with plenty of water and washed away. Dispose of bigger amounts in accordance with Local Authority requirements.
· **Waste disposal key:**
20 01 29
15 01 10

· **Uncleaned packaging:**
· **Recommendation:**
Non contaminated packagings may be recycled.
Empty contaminated packagings thoroughly. They may be recycled after thorough and proper cleaning.
· **Recommended cleansing agents:** Water, if necessary together with cleansing agents.

SECTION 14: Transport information

· **14.1 UN number or ID number**	
· **ADR, IMDG, IATA**	UN1719
· **14.2 UN proper shipping name**	
· **ADR**	1719 CAUSTIC ALKALI LIQUID, N.O.S. (SODIUM HYDROXIDE)
· **IMDG, IATA**	CAUSTIC ALKALI LIQUID, N.O.S. (SODIUM HYDROXIDE)
· **14.3 Transport hazard class(es)**	
· **ADR, IMDG, IATA**	

· **Class**	8 Corrosive substances.
· **Label**	8
· **14.4 Packing group**	
· **ADR, IMDG, IATA**	II
· **14.5 Environmental hazards:**	Not applicable.
· **14.6 Special precautions for user**	Warning: Corrosive substances.
· **Hazard identification number (Kemler code):**	80
· **EMS Number:**	F-A,S-B
· **Segregation groups**	(SGG18) Alkalis
· **Stowage Category**	A
· **Segregation Code**	SG22 Stow "away from" ammonium salts SG35 Stow "separated from" SGG1-acids

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· **14.7 Maritime transport in bulk according to IMO instruments**	Not applicable.
· **Transport/Additional information:**	
· **ADR**	
· **Limited quantities (LQ)**	1L
· **Excepted quantities (EQ)**	Code: E2 Maximum net quantity per inner packaging: 30 ml Maximum net quantity per outer packaging: 500 ml
· **Transport category**	2
· **Tunnel restriction code**	E
· **IMDG**	
· **Limited quantities (LQ)**	1L
· **Excepted quantities (EQ)**	Code: E2 Maximum net quantity per inner packaging: 30 ml Maximum net quantity per outer packaging: 500 ml
· **UN "Model Regulation":**	UN 1719 CAUSTIC ALKALI LIQUID, N.O.S. (SODIUM HYDROXIDE), 8, II

SECTION 15: Regulatory information

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

· **Directive 2012/18/EU**
· **Named dangerous substances - ANNEX I** None of the ingredients is listed.
· **REGULATION (EC) No 1907/2006 ANNEX XVII** Conditions of restriction: 3

· **DIRECTIVE 2011/65/EU on the restriction of the use of certain hazardous substances in electrical and electronic equipment – Annex II**

None of the ingredients is listed.

· **REGULATION (EU) 2019/1148**

· **Annex I - RESTRICTED EXPLOSIVES PRECURSORS (Upper limit value for the purpose of licensing under Article 5(3))**

None of the ingredients is listed.

· **Annex II - REPORTABLE EXPLOSIVES PRECURSORS**

None of the ingredients is listed.

· **REGULATION (EC) No 1005/2009 on substances that deplete the ozone layer – ANNEX I (Ozone-depleting potential)**

· **Information about limitation of use:** Employment restrictions concerning juveniles must be observed.
· **15.2 Chemical safety assessment:** A Chemical Safety Assessment has not been carried out.

*
SECTION 16: Other information

This information given in the Material Safety Data Sheet only apply to the describted product in connection with its appropriate utilization. These particulars are based on our present knowledge. In particular, the information derve the purpose of descibing our product under the aspect of hazards caused by such product and pertaining safety actions. The information does not constitute any guarantee of product quality and/or quality features.

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· **Relevant phrases**
H290 May be corrosive to metals.
H302 Harmful if swallowed.
H314 Causes severe skin burns and eye damage.
H315 Causes skin irritation.
H318 Causes serious eye damage.
H400 Very toxic to aquatic life.
H410 Very toxic to aquatic life with long lasting effects.
H411 Toxic to aquatic life with long lasting effects.
EUH031 Contact with acids liberates toxic gas.
· **Training hints**
When manufacturing and distributing the product: information and instruction in handling, safety and hygiene.
When transporting the product: information and instruction in ADR.
· **Classification according to Regulation (EC) No 1272/2008**
Calculation method
The classification of the mixture is generally based on the calculation method using substance data according to Regulation (EC) No 1272/2008.

· **Department issuing SDS:** Regulatory Affairs
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· **Date of previous version:** 06.10.2021
· **Version number of previous version:** 2.0
· **Abbreviations and acronyms:**
ADN: Accord européen relatif au transport international des marchandises dangereuses par voie de navigation intérieure
MARPOL: International Convention for the Prevention of Marine Pollution from Ships (marine pollution)
IBC: Intermediate Bulk Container
IMO: International Maritime Organisation
ECHA: European Chemicals Agency
IVIS: In Vitro Irritancy Score
CLP regulation: "Classification, Labelling and Packaging" regulation, regulation (EC) Nr. 1272/2008
REACH (regulation): "Registration, Evaluation, Authorisation and Restriction of Chemicals" regulation, regulation (EC) Nr. 1907/2006
CE: Conformité Européenne (European Conformity)
Reg. no.: Registration number
ADR: Accord relatif au transport international 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 Harmonised 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 (division of the American Chemical Society)
DNEL: Derived No-Effect Level (REACH)
PNEC: Predicted No-Effect Concentration (REACH)
LC50: Lethal concentration, 50 percent
LD50: Lethal dose, 50 percent
PBT: Persistent, Bioaccumulative and Toxic
vPvB: very Persistent and very Bioaccumulative
EC50: Effective concentration, 50 percent
WEL: Workplace Exposure Limits
NOAEL (NOAEC): No observed adverse effect level (concentration)
NOEL (NOEC): No observed effect level (concentration)

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Safety data sheet
ACCORDING TO COMMISSION REGULATION (EU) 2020/878
amending Annex II to Regulation (EC) No 1907/2006

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Trade name: Mole Drain Opener Gel

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NLP: No-Longer-Polymer
OECD: Organisation for Economic Co-operation and Development
TG: Test Guideline
BCOP: Bovine Corneal Opacity and Permeability
Met. Corr.1: Corrosive to metals – Category 1
Acute Tox. 4: Acute toxicity – Category 4
Skin Corr. 1A: Skin corrosion/irritation – Category 1A
Skin Corr. 1B: Skin corrosion/irritation – Category 1B
Skin Irrit. 2: Skin corrosion/irritation – Category 2
Eye Dam. 1: Serious eye damage/eye irritation – Category 1
Aquatic Acute 1: Hazardous to the aquatic environment - acute aquatic hazard – Category 1
Aquatic Chronic 1: Hazardous to the aquatic environment - long-term aquatic hazard – Category 1
Aquatic Chronic 2: Hazardous to the aquatic environment - long-term aquatic hazard – Category 2
Aquatic Chronic 3: Hazardous to the aquatic environment - long-term aquatic hazard – Category 3
· **** Data compared to the previous version altered.***