

**Safety data sheet  
according to 1907/2006/EC, Article 31**

Printing date 07.01.2022

Version number 2.0 (replaces version 1.0)

Revision: 07.01.2022

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

- **1.1 Product identifier**
- **Trade name:** Mole Drain Opener Duo Power Gel
- **UFI:** WV3K-767X-MK5M-SR54
- **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:**  
Do not use on aluminium.  
Do not use on gold-plated fittings.
- **1.3 Details of the supplier of the safety data sheet**
- **Manufacturer/Supplier:**  
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
- 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
- **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.

(Contd. on page 2)

EU

**Safety data sheet**  
 according to 1907/2006/EC, Article 31

Printing date 07.01.2022

Version number 2.0 (replaces version 1.0)

Revision: 07.01.2022

**Trade name: Mole Drain Opener Duo Power Gel**

(Contd. of page 1)

 · **Hazard pictograms**


GHS05

 · **Signal word** *Danger*

 · **Hazard-determining components of labelling:**
*SODIUM HYDROXIDE (sodium hydroxide)*
*SODIUM HYPOCHLORITE (sodium hypochlorite, solution)*
*COCAMIDOPROPYL BETAINE (1-Propanaminium, 3-amino-N-(carboxymethyl)-N,N-dimethyl-, N-coco acyl derivs., hydroxides, inner salts)*

 · **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.*
*P234 Keep only in original packaging.*
*P260 Do not breathe vapours.*
*P273 Avoid release to the environment.*
*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.

 \* **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.*

(Contd. on page 3)

**Safety data sheet**  
according to 1907/2006/EC, Article 31

Printing date 07.01.2022

Version number 2.0 (replaces version 1.0)

Revision: 07.01.2022

**Trade name: Mole Drain Opener Duo Power Gel**

(Contd. of page 2)

· <b>Dangerous components:</b>		
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 %	≥3- <5%
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: 61789-40-0 EINECS: 263-058-8 Reg.nr.: 01-2119488533-30	COCAMIDOPROPYL BETAINE (1-Propanaminium, 3-amino-N-(carboxymethyl)-N,N-dimethyl-, N-coco acyl derivs., hydroxides, inner salts) Eye Dam. 1, H318; Aquatic Chronic 3, H412	≥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- <1%
CAS: 68439-50-9 EC number: 931-014-3	LAURETH-3 (Alcohols, C12-14, ethoxylated) Aquatic Acute 1, H400; Acute Tox. 4, H302; Eye Irrit. 2, H319; Aquatic Chronic 3, H412	≥0- <0.25%

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

chlorine-based bleaching agents, amphoteric surfactants, anionic surfactants, non-ionic surfactants, oxygen-based bleaching agents	<5%
perfumes, preservation agents (SODIUM BENZOATE)	

 · **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.

EU

(Contd. on page 4)

**Safety data sheet**  
**according to 1907/2006/EC, Article 31**

Printing date 07.01.2022

Version number 2.0 (replaces version 1.0)

Revision: 07.01.2022

**Trade name: Mole Drain Opener Duo Power Gel**

(Contd. of page 3)

### **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.*
- **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:**  
*Do not allow product to reach sewage system or any water course.*  
*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.*

(Contd. on page 5)

**Safety data sheet**  
according to 1907/2006/EC, Article 31

Printing date 07.01.2022

Version number 2.0 (replaces version 1.0)

Revision: 07.01.2022

**Trade name: Mole Drain Opener Duo Power Gel**

(Contd. of page 4)

- **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.

**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/m <sup>3</sup> (worker)
	DNEL - short-term, inhaled, local effect	1 mg/m <sup>3</sup> (consumer)

**7681-52-9 SODIUM HYPOCHLORITE (sodium hypochlorite, solution)**

Dermal	DNEL - long-term, dermal, local effect	0.5 µg/cm <sup>2</sup>
Inhalative	DNEL - long-term, inhaled, local effect	1.55 mg/m <sup>3</sup>
	DNEL - long-term, inhaled, systemic effect	1.55 mg/m <sup>3</sup>
	DNEL - short-term, inhaled, systemic effect	3.1 mg/m <sup>3</sup>
	DNEL - short-term, inhaled, local effect	3.1 mg/m <sup>3</sup>

**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/m <sup>3</sup> (worker)
		1.53 mg/m <sup>3</sup> (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.

(Contd. on page 6)

**Safety data sheet**  
according to 1907/2006/EC, Article 31

Printing date 07.01.2022

Version number 2.0 (replaces version 1.0)

Revision: 07.01.2022

**Trade name: Mole Drain Opener Duo Power Gel**

(Contd. of page 5)

- **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.
- **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.

- **Eyeface 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:**

Different according to colouring

- **Odour:**

Chlorine-like

(Contd. on page 7)



**Safety data sheet**  
according to 1907/2006/EC, Article 31

Printing date 07.01.2022

Version number 2.0 (replaces version 1.0)

Revision: 07.01.2022

**Trade name: Mole Drain Opener Duo Power Gel**

(Contd. of page 6)

· <b>Odour threshold:</b>	Not determined.
· <b>Melting point/freezing point:</b>	Undetermined.
· <b>Boiling point or initial boiling point and boiling range</b>	Undetermined.
· <b>Flammability</b>	Not applicable.
· <b>Lower and upper explosion limit</b>	
· <b>Lower:</b>	Not determined.
· <b>Upper:</b>	Not determined.
· <b>Flash point:</b>	Not applicable.
· <b>Auto-ignition temperature:</b>	Product is not selfigniting.
· <b>Decomposition temperature:</b>	Not determined.
· <b>pH at 20 °C</b>	>12 (Mixture of both chambers) Chamber I: >12 Chamber II: 4-6
· <b>Viscosity:</b>	
· <b>Kinematic viscosity</b>	Not determined.
· <b>Dynamic:</b>	Not determined.
· <b>Solubility</b>	
· <b>water:</b>	Fully miscible.
· <b>Partition coefficient n-octanol/water (log value)</b>	Not determined.
· <b>Vapour pressure at 20 °C:</b>	23 hPa (7732-18-5 water)
· <b>Density and/or relative density</b>	
· <b>Density at 20 °C:</b>	0.9-1.2 g/cm <sup>3</sup> (Mixture of both chambers)
· <b>Relative density</b>	Not determined.
· <b>Vapour density</b>	Not determined.

· <b>9.2 Other information</b>	
· <b>Appearance:</b>	
· <b>Form:</b>	Liquid
· <b>Important information on protection of health and environment, and on safety.</b>	
· <b>Explosive properties:</b>	Product does not present an explosion hazard.
· <b>Solvent content:</b>	
· <b>Organic solvents:</b>	0.2-0.3 %
· <b>Water:</b>	91 %
· <b>Change in condition</b>	
· <b>Evaporation rate</b>	Not determined.

· <b>Information with regard to physical hazard classes</b>	
· <b>Explosives</b>	Void
· <b>Flammable gases</b>	Void
· <b>Aerosols</b>	Void
· <b>Oxidising gases</b>	Void
· <b>Gases under pressure</b>	Void
· <b>Flammable liquids</b>	Void
· <b>Flammable solids</b>	Void
· <b>Self-reactive substances and mixtures</b>	Void
· <b>Pyrophoric liquids</b>	Void
· <b>Pyrophoric solids</b>	Void
· <b>Self-heating substances and mixtures</b>	Void
· <b>Substances and mixtures, which emit flammable gases in contact with water</b>	Void
· <b>Oxidising liquids</b>	Void

(Contd. on page 8)

**Safety data sheet**  
according to 1907/2006/EC, Article 31

Printing date 07.01.2022

Version number 2.0 (replaces version 1.0)

Revision: 07.01.2022

**Trade name: Mole Drain Opener Duo Power Gel**

(Contd. of page 7)

- |                                  |                             |
|----------------------------------|-----------------------------|
| · <b>Oxidising solids</b>        | Void                        |
| · <b>Organic peroxides</b>       | Void                        |
| · <b>Corrosive to metals</b>     | May be corrosive to metals. |
| · <b>Desensitised explosives</b> | 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:**

**ATE (Acute Toxicity Estimates)**

Inhalative	LC50/4 h	>26.9-269 mg/l (rat)
------------	----------	----------------------

**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)
--------	------	-----------------------

**61789-40-0 COCAMIDOPROPYL BETAINE (1-Propanaminium, 3-amino-N-(carboxymethyl)-N,N-dimethyl-, N-coco acyl derivs., hydroxides, inner salts)**

Oral	LD50	>2,000 mg/kg (rat)
------	------	--------------------

**3332-27-2 MYRISTAMINE OXIDE (N,N-Dimethyltetradecylamine N-oxide)**

Oral	LD50	1,495 mg/kg (rat)
------	------	-------------------

**68439-50-9 LAURETH-3 (Alcohols, C12-14, ethoxylated)**

Oral	LD50	>2,000 mg/kg (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.

(Contd. on page 9)



**Safety data sheet**  
according to 1907/2006/EC, Article 31

Printing date 07.01.2022

Version number 2.0 (replaces version 1.0)

Revision: 07.01.2022

**Trade name: Mole Drain Opener Duo Power Gel**

(Contd. of page 8)

· **11.2 Information on other hazards**

· **Endocrine disrupting properties**

None of the ingredients is listed.

**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 (Algae): 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 (Algae): EC50 >0.1-1 mg/l, 72 h (*Pseudokirchneriella subcapitata*) (OECD TG 201)

· **12.2 Persistence and degradability**

No information for the product available. The contained surfactants are readily biodegradable.

**61789-40-0 COCAMIDOPROPYL BETAINE (1-Propanaminium, 3-amino-N-(carboxymethyl)-N,N-dimethyl-, N-coco acyl derivs., hydroxides, inner salts)**

Readily biodegradable >80 % (28 d) (OECD TG 301 D)

**3332-27-2 MYRISTAMINE OXIDE (N,N-Dimethyltetradecylamine N-oxide)**

Readily biodegradable % (-)

**68439-50-9 LAURETH-3 (Alcohols, C12-14, ethoxylated)**

Readily biodegradable >60 % (28 d) (OECD TG 301 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.

EU

(Contd. on page 10)

**Safety data sheet**  
according to 1907/2006/EC, Article 31

Printing date 07.01.2022

Version number 2.0 (replaces version 1.0)

Revision: 07.01.2022

**Trade name: Mole Drain Opener Duo Power Gel**

(Contd. of page 9)

**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**

Alkalis

· **Stowage Category**

A

· **Segregation Code**

SG22 Stow "away from" ammonium salts

SG35 Stow "separated from" SGG1-acids

· **14.7 Maritime transport in bulk according to IMO instruments**

Not applicable.

(Contd. on page 11)

**Safety data sheet**  
according to 1907/2006/EC, Article 31

Printing date 07.01.2022

Version number 2.0 (replaces version 1.0)

Revision: 07.01.2022

**Trade name: Mole Drain Opener Duo Power Gel**

(Contd. of page 10)

**· Transport/Additional information:**

**· ADR**

- Limited quantities (LQ)
- Excepted quantities (EQ)

1L

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)
- Excepted quantities (EQ)

1L

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.

· **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 described product in connection with its appropriate utilization. These particulars are based on our present knowledge. In particular, the information derive the purpose of describing 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.

**· Relevant phrases**

H290 May be corrosive to metals.

H302 Harmful if swallowed.

H314 Causes severe skin burns and eye damage.

(Contd. on page 12)

**Safety data sheet**  
**according to 1907/2006/EC, Article 31**

Printing date 07.01.2022

Version number 2.0 (replaces version 1.0)

Revision: 07.01.2022

**Trade name: Mole Drain Opener Duo Power Gel**

(Contd. of page 11)

- H315 Causes skin irritation.
- H318 Causes serious eye damage.
- H319 Causes serious eye irritation.
- 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.
- H412 Harmful 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****· Department issuing SDS:**

Regulatory Affairs

FR

**· Contact:**

reg@globalcosmed.eu

info@globalcosmed.de

sekretariat.jawor@globalcosmed.eu

**· Date of previous version: 25.06.2021****· Version number of previous version: 1.0****· 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.nr.: 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)

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

(Contd. on page 13)

**Safety data sheet**  
**according to 1907/2006/EC, Article 31**

Printing date 07.01.2022

Version number 2.0 (replaces version 1.0)

Revision: 07.01.2022

**Trade name: Mole Drain Opener Duo Power Gel**

(Contd. of page 12)

*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*  
*Eye Irrit. 2: Serious eye damage/eye irritation – Category 2*  
*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.**

EU