

DG Drain Solution

Acc. to: 1907/2006/EG, 2015/830]

Issue, dated: 29. 07. 2015

Version EN:1.0;

SECTION 1: Identification of the substance/mixture and of the company/undertaking
1.1 Product identifier: DG Drain Solution

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

Identified uses / uses advised against: agent for cleaning and degreasing of washable surfaces

1.3 Details of the supplier of the safety data sheet:
Distributor: Duo Ghibli
ul. Światowida 6
71-726 Szczecin
Tel.: +48 606 362 590
E-mail address of the person responsible for data sheet: info@spin-doradztwo.pl
1.4 Emergency telephone number: +48 606 362 590 – hours: 8.00 – 16.00

112 (general emergency telephone number), 998 (fire-brigade), 999 (ambulance);

SECTION 2: Hazards identification
2.1 Classification of the substance or mixture:

Not classified

Regulation (EC) No. 1272/2008 (CLP): Classification according to Regulation (EC) No 1272/2008 (CLP)

Directive 67/548/EEC & Directive 1999/45/EC: Classification according to Directive 1999/45/EC: Not classified

2.2 Label elements:
Pictograms:

None

Signal Word:

None

Hazard Statement:

None

Precautionary statement(s)

P301+P312 IF SWALLOWED: call a POISON CENTRE or doctor/physician 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.

2.3 Other hazards:

Mixture doesn't meet the criteria for PBT or vPvB

SECTION 3: Composition/information on ingredients
3.1 Substances:

Not applicable.

3.2 Mixtures:

Hazardous components:

Product identifier	Contains [%]	Classification	
		Hazard Class and Category Code(s)	Hazard Statement Code(s)
Fatty alcohol ethoxylate CAS No.: 68439-46-3 EINECS No.: - Index No.: - REACH No.: -	0,5 – 1,0	Eye Dam. 1 Acute tox. 4;	H302 H318

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Amylase enzyme CAS No.: 9000-90-2 EINECS No.: 232-565-6 Index No.: - <u>REACH No.:</u> -	<1	Sens. Resp. 1	H334
Protease enzyme CAS No.: 9080-56-2 EINECS No.: 232-991-2 Index No.: - <u>REACH No.:</u> -	<1	Sens. Resp. 1	H334
Bacteria species (non pathogen)(1x100 ml cfu/g) CAS No.: n/a EINECS No.: Index No.: - <u>REACH No.:</u> -	< 5		

Additional information: For full text of H-statements: see SECTION 16

SECTION 4: First aid measures
4.1 Description of first aid measures:**Skin contact:**May cause irritation in sensitive persons**Eye contact:**May cause mild irritation**Inhalation:**Mist may cause sensitisation by inhalation in already sensitised persons.**Ingestion:** May cause irritation to the mouth, throat and digestive tract.**Additional Information:**Symptomatic treatment**4.2. Description of first aid measures (Actions)****Inhalation:** If affected, remove to fresh air, keep warm and at rest. Obtain medical attention in severe cases.**Skin Contact:** Wash skin with soap and water. In severe cases obtain medical help.**Eye Contact:** In case of contact, rinse immediately with plenty of water for at least 10-15 minutes. Obtain medical attention if irritation persists**Ingestion:** Do not give anything by mouth to an unconscious person. Wash out mouth with water and give copious amounts of water to drink. Do not induce vomiting. Obtain medical advice if patient unwell.**Additional Information:** Always launder contaminated clothing before re-use**4.3 Indication of any immediate medical attention and special treatment needed:**

The decision about how to conduct the physician.

SECTION 5: Firefighting measures
5.1:Extinguishing media

Suitable Extinguishing Media: Product not flammable. Water spray, foam, dry powder or CO2 for surrounding fires.

5.2: Special hazards arising from the Substance or mixture:

Exposure hazards In combustion emits toxic fumes

5.3: Advice for fire-fighters Special protective:

Full protective equipment including self-contained respiratory protection equipment for fire fighters

SECTION 6: Accidental release measures
6.1 Personal precautions, protective equipment and emergency procedures

Mark out the contaminated area with signs and prevent access to unauthorised personnel. Do not attempt to take action without suitable protective clothing – see section 8 of SDS

6.2 Environmental precautions

Do not discharge into drains or rivers. Contain the spillage using bunding.

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6.3 Methods and material for containment and cleaning up

Absorb into dry earth or sand. Transfer to a suitable container. Wash the spillage site with large amounts of water.

6.4 Reference to other sections

Disposal considerations – see section 13.

Personal precautions – see section 8.

6.5. **Additional Information** Spillages will prove slippery if product gets spilled on the floor.

SECTION 7: Handling and storage

7.1 Precautions for safe handling:

Avoid eye contact and prolonged skin contact. Do not breathe mist.

7.2 Conditions for safe storage, including any incompatibilities:

Keep in original containers.

7.3 **Specific end use(s):** Keep tightly closed when not in use. Do not store below 5°C or above 30°C

SECTION 8: Exposure controls/personal protection

8.1 Control parameters:

None.

8.2 Exposure controls

Not necessary under normal use

Appropriate engineering controls:

Not necessary under normal use

Individual protection measures, such as personal protective equipment:



Eye protection:

Use safety glasses (according to EN 166)

Skin protection:

Hands:

Wear protective gloves (Butyl rubber or Polyvinyl chloride)

Other:

Wear protective clothing working - wash regularly.

Respiratory Protection:

Not necessary under normal use.

Thermal hazards:

Not applicable.

Environmental exposure controls:

Not necessary under normal use.

SECTION 9: Physical and chemical properties

9.1. Information on basic physical and chemical properties:

Appearance	Liquid
Color	Green
Odour	Lemon
Odour threshold	not determined

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pH	7-8
Melting point/freezing point	<0 °C
Initial boiling point and boiling range	not determined
Flash point	not determined
Evaporation rate	not determined
Flammability	not determined
Lower flammability or explosive limits	not determined
Upper flammability or explosive limits	not determined
Vapour pressure	not determined
Vapour density	not determined
Density	1,00 g/cm ³
Solubility(ies)	In water: completely soluble
Partition coefficient: n-octanol/water	not determined
Self-ignition temperature	not determined
Decomposition temperature	not determined
Viscosity;	not determined
Explosive properties	not explosive
Oxidizing properties	not determined

9.2 Other information:

None.

SECTION 10: Stability and reactivity
10.1 Reactivity

Not expected to be reactive.

10.2 Chemical stability:

Stable under normal conditions of use, storage and transport.

10.3 Possibility of hazardous reactions

No polymerisation reaction expected

10.4 Conditions to avoid:

Extremes of temperature and moisture.

10.5 Incompatible materials:

Strong bases, strong oxidizing agents or disinfectants.

10.6 Hazardous decomposition products:

Carbon oxides.

SECTION 11: Toxicological information

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11.1 Information on toxicological effects:

- (a) acute toxicity: none
- (b) skin corrosion/irritation: none
- (c) serious eye damage/irritation: Causes serious eye irritation
- (d) respiratory or skin sensitization: none
- (e) germ cell mutagenicity: none
- (f) carcinogenicity: none
- (g) reproductive toxicity: none
- (h) STOT-single exposure: none
- (i) STOT-repeated exposure: none
- (j) aspiration hazard: none

11.2. Information on likely routes of exposure:

Skin contact: May cause slight/mild irritation to sensitive skin with prolonged contact.

Eye contact: It causes chemical irritation of eyes.

Respiratory: Under normal use should not present a hazard.

Gastrointestinal tract: Ingestion may cause irritation of the mucous membranes of mouth, gastrointestinal tract.

11.3. Delayed and immediate effects as well as chronic effects from short and long-term exposure:

Not applicable

11.4. Interactive effects:

Not applicable

SECTION 12: Ecological information

12.1 Toxicity:

No information available.

12.2 Persistence and degradability:

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

12.3 Bioaccumulative potential

No bioaccumulation potential.

12.4 Mobility in soil:

Readily absorbed into soil.

12.5 Results of PBT and vPvB assessment:

Does not contain PBT or vPvB substances..

12.6 Other adverse effects:

Negligible ecotoxicity.

SECTION 13: Disposal considerations

13.1 Waste treatment methods

Disposal of waste should be addressed by specialized companies, the manner of waste disposal to be agreed with the competent department of environmental terrain. The residue was stored in their original containers. Dispose of in accordance with applicable regulations.

Empty containers should be disposed of in accordance with applicable regulations or to provide to the appropriate landfill.

EU REGULATIONS

Directive 75/442/EEC on waste, Council Directive 91/689/EEC of 12 December 1991 on hazardous waste, Commission Decision of 3 May 2000 replacing Decision 94/3/EC establishing a list of wastes pursuant to Article 1(a) of Council Directive 75/442/EEC on waste and Council Decision 94/904/EC establishing a list of hazardous waste pursuant to Article 1(4) of Council Directive 91/689/EEC on hazardous waste

SECTION 14: Transport information

ADR/RID/IMDG/IATA:

14.1 UN number: Not applicable

14.2 UN proper shipping name: Not applicable

14.3 Transport hazard class(es): Not applicable

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14.4 Packing group: Not applicable

14.5 Environmental hazards: Not applicable

14.6 Special precautions for user: Not applicable

14.7 Transport in bulk according to Annex II of MARPOL and the IBC Code: Not applicable

SECTION 15: Regulatory information

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

EU REGULATIONS:

1. Regulation (EC) No 1907/2006 of the European Parliament and of the Council of 18 December 2006 concerning the Registration, Evaluation, Authorisation and Restriction of Chemicals (REACH), establishing a European Chemicals Agency, amending Directive 1999/45/EC and repealing Council Regulation (EEC) No 793/93 and Commission Regulation (EC) No 1488/94 as well as Council Directive 76/769/EEC and Commission Directives 91/155/EEC, 93/67/EEC, 93/105/EC and 2000/21/EC.
2. COMMISSION REGULATION (EU) 2015/830 of 28 May 2015 amending Regulation (EC) No 1907/2006 of the European Parliament and of the Council on the Registration, Evaluation, Authorisation and Restriction of Chemicals (REACH)
3. Regulation (EC) No 1272/2008 of the European Parliament and of the Council of 16 December 2008 on classification, labeling and packaging of substances and mixtures, amending and repealing Directives 67/548/EEC and 1999/45/EC, and amending Regulation (EC) No 1907/2006 (Text with EEA relevance).
4. Commission Directive 2006/8/EC of 23 January 2006 amending, for the purposes of their adaptation to technical progress, Annexes II, III and V to Directive 1999/45/EC of the European Parliament and of the Council concerning the approximation of the laws, regulations and administrative provisions of the Member States relating to the classification, packaging and labelling of dangerous preparations (Text with EEA relevance).

15.2 Chemical safety assessment: No chemical safety assessments for the mixture.

SECTION 16: Other information

16.1. Abbreviations and acronyms, list of hazard statements used in the safety data sheet:

H302 – Harmful if swallowed

H318 – Causes serious eye damage

H334 – May cause allergy or asthma symptoms or breathing difficulties if inhaled

Flam. Liq.3 – Flammable liquid cat. 3

Acute Tox.4 – Acute toxicity cat. 4

Eye Dam.1 – Serious eye damage cat. 1

PBT – Persistent, Bioaccumulative and Toxic

vPvB – very Persistent and very Bioaccumulative

ADR – European Agreement concerning the International Carriage of Dangerous Goods by Road

RID – Regulation Concerning the International Transport of Dangerous Goods by Rail

IMDG – International Maritime Code for Dangerous Goods

IATA – International Air Transport Association

16.2. Other information:

Contains:

Nonionic surfactants <5%

Amylase & Protease

May cause an allergic reaction.

Training:

This product can be used by workers who have been thoroughly trained in the method of use of this product, they have been informed about the hazardous properties of the product and of the conditions of safe use of this product.

Method of classification: calculation method

RESOURCES

Annex to Regulation (EU) 2015/830.

Current legislation (Section 15).

Information Agency for Chemical Substances.

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The information contained herein should be considered only as an aid for the safe use of **DG Drain SDolution**. Since the conditions of storage, transport and use are beyond our control, can not constitute a guarantee in the legal sense. In any case, you must observe the laws and any third party rights. The document does not estimate the risks in the workplace. Product should not be used for purposes other than those specified in Section 1 without first consulting with **Duo Ghibli Szczecin**.