

SAFETY DATA SHEET

Dismofix G

Version 1.3 Revision Date: 12.02.2018 SDS Number: R11077 Date of last issue: 18.04.2017
Date of first issue: 13.05.2015

1. PRODUCT AND COMPANY IDENTIFICATION

Product name : Dismofix G

Product code : R11077

Manufacturer or supplier's details

Manufacturer : BODE Chemie GmbH
Melanchthonstraße 27
22525 Hamburg
Tel.: +49 (0)40 / 54 00 60

Supplier :

Responsible Department : Scientific Affairs
Kundenservice@SIDA-BODE-CHEMIE.de

Emergency telephone number : Giftnotruf Göttingen
24h-Phone +49 (0)551 / 1 92 40

Recommended use of the chemical and restrictions on use

Recommended use : In-door use
Detergent
For further information, refer to the product technical data sheet.

Restrictions on use : Restricted to professional users.

2. HAZARDS IDENTIFICATION

GHS Classification

Not a dangerous substance or mixture according to the Globally Harmonised System (GHS).

GHS label elements

Not a dangerous substance or mixture according to the Globally Harmonised System (GHS).

Other hazards which do not result in classification

None known.

3. COMPOSITION/INFORMATION ON INGREDIENTS

Substance name : Dismofix G

Hazardous components

Chemical name	CAS-No.	Concentration (% w/w)
Ethanol	64-17-5	$\geq 10 - < 15$
3-butoxypropan-2-ol	propylene glycol mono-butyl ether	$\geq 1 - < 5$
2-Propylheptanol ethoxylate	160875-66-1	2,5

4. FIRST AID MEASURES

General advice : If you feel unwell, seek medical advice (show the label where possible).

If inhaled : If breathed in, move person into fresh air.

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		If symptoms persist, call a physician.
In case of skin contact	:	Take off all contaminated clothing immediately. Wash off with plenty of water. If symptoms persist, call a physician.
In case of eye contact	:	In the case of contact with eyes, rinse immediately with plenty of water and seek medical advice.
If swallowed	:	Do NOT induce vomiting. Rinse mouth. If accidentally swallowed obtain immediate medical attention.
Most important symptoms and effects, both acute and delayed	:	None known.
Notes to physician	:	For specialist advice physicians should contact the Poisons Information Service.

5. FIREFIGHTING MEASURES

Suitable extinguishing media	:	Water spray jet Alcohol-resistant foam Dry powder Carbon dioxide (CO ₂)
Unsuitable extinguishing media	:	High volume water jet
Hazardous combustion products	:	No hazardous combustion products are known
Specific extinguishing methods	:	Standard procedure for chemical fires.
Special protective equipment for firefighters	:	In the event of fire, wear self-contained breathing apparatus. Use personal protective equipment.

6. ACCIDENTAL RELEASE MEASURES

Personal precautions, protective equipment and emergency procedures	:	Ensure adequate ventilation. Material can create slippery conditions. Remove all sources of ignition.
Environmental precautions	:	Should not be released into the environment.
Methods and materials for containment and cleaning up	:	Wipe up with absorbent material (e.g. cloth, fleece). Keep in suitable, closed containers for disposal. Flush with water.

7. HANDLING AND STORAGE

Advice on protection against fire and explosion	:	Keep away from sources of ignition - No smoking.
Advice on safe handling	:	Prepare the working solution as given on the label(s) and/or the user instructions.
Materials to avoid	:	Keep away from food and drink.

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

Components with workplace control parameters

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Components	CAS-No.	Value type (Form of exposure)	Control parameters / Permissible concentration	Basis
Ethanol	64-17-5	STEL	1.000 ppm	ACGIH

Personal protective equipment

Hand protection

In case of contact through splashing: Nitrile rubber

Material : Protective gloves complying with EN 374.
Break through time : > 10 min
Glove thickness : 0,1 mm
Protective index : Class 1
: Peha-soft nitrile guard

In case of full contact: Nitrile rubber

Material : Protective gloves complying with EN 374.
Break through time : > 480 min
Glove thickness : 0,1 mm
Protective index : Class 6
: Peha-soft nitrile guard

Remarks : In case of contact through splashing: Nitrile rubber
In case of full contact: Nitrile rubber

Eye protection : Tightly fitting safety goggles

Hygiene measures : Handle in accordance with good industrial hygiene and safety practice.
Keep away from food and drink.
Avoid contact with eyes.

9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance : liquid

Colour : yellow

Odour : characteristic

pH : 7,7 (20 °C)

Melting point/range : not determined

Boiling point/boiling range : not determined

Flash point : 36 °C
Method: DIN 51755 Part 1

Flammability (solid, gas) : Not classified as supporting combustion according to the transport regulations.

Lower explosion limit / Lower flammability limit : Lower flammability limit
3,5 %(V)

Density : 0,981 g/cm³ (20 °C)

Solubility(ies)
Water solubility : soluble

Conductivity : No data available

10. STABILITY AND REACTIVITY

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Reactivity	:	No decomposition if stored and applied as directed.
Chemical stability	:	The product is chemically stable.
Possibility of hazardous reactions	:	None reasonably foreseeable.
Conditions to avoid	:	Strong sunlight for prolonged periods. Heat, flames and sparks.
Incompatible materials	:	Strong oxidizing agents
Hazardous decomposition products	:	No decomposition if used as directed.

11. TOXICOLOGICAL INFORMATION

Acute toxicity

Product:

Acute oral toxicity : Acute toxicity estimate: > 5.000 mg/kg
Method: Calculation method

Components:

Ethanol (CAS: 64-17-5):

Acute oral toxicity : LD50 Oral (Rat): 10.470 mg/kg
Method: OECD Test Guideline 401

Acute inhalation toxicity : LC50 (Rat): 51 mg/l
Exposure time: 4 h
Test atmosphere: vapour
Method: OECD Test Guideline 403

Acute dermal toxicity : LD50 Dermal (Rabbit): > 15.800 mg/kg

2-Propylheptanol ethoxylate (CAS: 160875-66-1):

Acute oral toxicity : LD50 Oral (Rat): > 700 mg/kg

Acute dermal toxicity : LD50 Dermal (Rat): > 2.000 mg/kg

Skin corrosion/irritation

Product:

Result: No skin irritation

Components:

Ethanol (CAS: 64-17-5):

Species: human skin

Result: Mild skin irritation

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

Serious eye damage/eye irritation

Product:

Result: No eye irritation

Components:

2-Propylheptanol ethoxylate (CAS: 160875-66-1):

Result: Risk of serious damage to eyes.

Dismofix G**Respiratory or skin sensitisation****Product:**

Result: Does not cause respiratory sensitisation.

Result: Does not cause skin sensitisation.

Germ cell mutagenicity

No data available

Carcinogenicity

No data available

Reproductive toxicity

No data available

STOT - single exposure

No data available

STOT - repeated exposure

No data available

Repeated dose toxicity

No data available

Aspiration toxicity

No data available

Experience with human exposure

No data available

Toxicology, Metabolism, Distribution

No data available

Neurological effects

No data available

12. ECOLOGICAL INFORMATION**Ecotoxicity****Components:**

Ethanol (CAS: 64-17-5):

Toxicity to fish : LC50 (Fish): 11.200 mg/l
Exposure time: 96 h

Toxicity to daphnia and other : EC50 (Daphnia magna (Water flea)): 5.012 mg/l
aquatic invertebrates Exposure time: 48 h

Toxicity to algae : EC50 (Chlorella vulgaris (Fresh water algae)): 275 mg/l
Exposure time: 96 h
Method: OECD Test Guideline 201

2-Propylheptanol ethoxylate (CAS: 160875-66-1):

Toxicity to fish : LL50 (Fish): > 10 mg/l
Exposure time: 96 h

Toxicity to daphnia and other : EC50 (Daphnia magna (Water flea)): > 10 mg/l

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aquatic invertebrates Exposure time: 48 h
Toxicity to algae : EC50 (Pseudokirchneriella subcapitata (green algae)): > 10 mg/
Exposure time: 72 h

Persistence and degradability

Product:

Biodegradability : Remarks: The surfactant(s) contained in this preparation complies (comply) with the biodegradability criteria as laid down in Regulation (EC) No.648/2004 on detergents. Data to support this assertion are held at the disposal of the competent authorities of the Member States and will be made available to them, at their direct request or at the request of a detergent manufacturer.

Components:

Ethanol (CAS: 64-17-5):
Biodegradability : Remarks: Readily biodegradable, according to appropriate OECD test.

Bioaccumulative potential

No data available

Mobility in soil

No data available

Other adverse effects

No data available

13. DISPOSAL CONSIDERATIONS

Disposal methods

Waste from residues : In accordance with local and national regulations. Waste codes should be assigned by the user, preferably in discussion with the waste disposal authorities.

Contaminated packaging : Empty remaining contents. Store containers and offer for recycling of material when in accordance with the local regulations.

14. TRANSPORT INFORMATION

14.1 UN number

Not regulated as a dangerous good

14.2 UN proper shipping name

Not regulated as a dangerous good

14.3 Transport hazard class(es)

Not regulated as a dangerous good

14.4 Packing group

Not regulated as a dangerous good

14.5 Environmental hazards

Not regulated as a dangerous good

14.6 Special precautions for user

Not applicable

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14.7 Transport in bulk according to Annex II of Marpol and the IBC Code

Not applicable for product as supplied.

15. REGULATORY INFORMATION

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

International Regulations

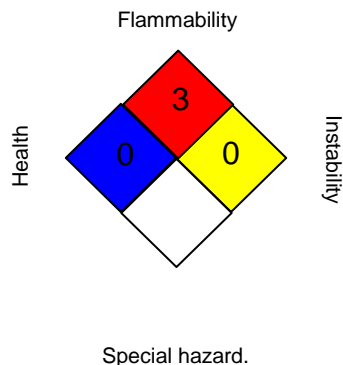
16. OTHER INFORMATION

Full text of other abbreviations

AICS - Australian Inventory of Chemical Substances; ANTT - National Agency for Transport by Land of Brazil; ASTM - American Society for the Testing of Materials; bw - Body weight; CMR - Carcinogen, Mutagen or Reproductive Toxicant; CPR - Controlled Products Regulations; DIN - Standard of the German Institute for Standardisation; DSL - Domestic Substances List (Canada); ECx - Concentration associated with x% response; ELx - Loading rate associated with x% response; EmS - Emergency Schedule; ENCS - Existing and New Chemical Substances (Japan); ErCx - Concentration associated with x% growth rate response; ERG - Emergency Response Guide; GHS - Globally Harmonized System; GLP - Good Laboratory Practice; IARC - International Agency for Research on Cancer; IATA - International Air Transport Association; IBC - International Code for the Construction and Equipment of Ships carrying Dangerous Chemicals in Bulk; IC50 - Half maximal inhibitory concentration; ICAO - International Civil Aviation Organization; IECSC - Inventory of Existing Chemical Substances in China; IMDG - International Maritime Dangerous Goods; IMO - International Maritime Organization; ISHL - Industrial Safety and Health Law (Japan); ISO - International Organisation for Standardization; KECI - Korea Existing Chemicals Inventory; LC50 - Lethal Concentration to 50 % of a test population; LD50 - Lethal Dose to 50% of a test population (Median Lethal Dose); MARPOL - International Convention for the Prevention of Pollution from Ships; n.o.s. - Not Otherwise Specified; Nch - Chilean Norm; NO(A)EC - No Observed (Adverse) Effect Concentration; NO(A)EL - No Observed (Adverse) Effect Level; NOELR - No Observable Effect Loading Rate; NOM - Official Mexican Norm; NTP - National Toxicology Program; NZIoC - New Zealand Inventory of Chemicals; OECD - Organization for Economic Co-operation and Development; OPPTS - Office of Chemical Safety and Pollution Prevention; PBT - Persistent, Bioaccumulative and Toxic substance; PICCS - Philippines Inventory of Chemicals and Chemical Substances; (Q)SAR - (Quantitative) Structure Activity Relationship; REACH - Regulation (EC) No 1907/2006 of the European Parliament and of the Council concerning the Registration, Evaluation, Authorisation and Restriction of Chemicals; SADT - Self-Accelerating Decomposition Temperature; SDS - Safety Data Sheet; TCSI - Taiwan Chemical Substance Inventory; TDG - Transportation of Dangerous Goods; TSCA - Toxic Substances Control Act (United States); UN - United Nations; UNRTDG - United Nations Recommendations on the Transport of Dangerous Goods; vPvB - Very Persistent and Very Bioaccumulative; WHMIS - Workplace Hazardous Materials Information System

Further information

NFPA:



HMIS® IV:

HEALTH	1
FLAMMABILITY	3
PHYSICAL HAZARD	0

HMIS® ratings are based on a 0-4 rating scale, with 0 representing minimal hazards or risks, and 4 representing significant hazards or risks. The "*" represents a chronic hazard, while the "/" represents the absence of a chronic hazard.

ACGIH

: USA. ACGIH Threshold Limit Values (TLV)

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ACGIH / STEL : Short-term exposure limit

Safety datasheet sections which have been updated:

8. Exposure controls/personal protection

The information provided in this Safety Data Sheet is correct to the best of our knowledge, information and belief at the date of its publication. The information given is designed only as a guidance for safe handling, use, processing, storage, transportation, disposal and release and is not to be considered a warranty or quality specification. The information relates only to the specific material designated and may not be valid for such material used in combination with any other materials or in any process, unless specified in the text.

TC / EN