

Safety Data Sheet



Revision Date 12-Oct-2015
Version 1

1. Identification of the substance/mixture and of the company/undertaking

1.1 Product identifier

Product name HERMACARE ® HG

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

Recommended Use Cleaning agent

1.3 Details of the supplier of the safety data sheet

Supplier Hermeta GmbH
Kanalstrasse 11
D-12357 Berlin
Germany
Tel : + 49 (0) 30 661 70 72

This telephone number is available during office hours only

For further information, please contact: info@hermeta.de

1.4 Emergency telephone number

Emergency telephone number Chemtrec: +1 703-527-3887 ex-USA
Chemtrec: 1-800-424-9300 USA

Europe	112
Austria	+43 1 406 43 43
Belgium	Poison center (BE): +32 70 245 245
Denmark	Poison Control Hotline (DK): +45 82 12 12 12
Finland	Poison Information Centre (FI):+358 9 471 977
France	ORFILA (FR): + 01 45 42 59 59
Germany	Poison Center Berlin (DE): +49 030 30686 790 Poison Center Nord: +49 551 19240 (24h available English / German)
Ireland	National Poisons Information Centre (IE): +353 1 8379964 / + 353 1 8092566
Iceland	+354 543 2222
Italy	Poison Centre, Milan (IT): +39 02 6610 1029
Luxembourg	112
Netherlands	National Poisons Information Centre (NL): +31 30 274 88 88 (NB: this service is only available to health professionals)
Norway	Poisons Information (NO):+ 47 22 591300
Portugal	Poison Information Centre (PT): +351 21 330 3284
Spain	Poison Information Service (ES): +34 91 562 04 20
Sweden	Poisons Information Center (SV):+46 8 33 12 31
Switzerland	Poison Center: Tel 145; +41 44 251 51 51
United Kingdom	111

2. Hazards identification

2.1 Classification of the substance or mixture

2.2 Label elements

Not a hazardous substance or mixture according to Regulation (EC) No. 1272/2008

EUH208 - Contains MIXTURE OF 5-CHLORO-2-METHYL-4-ISOTHIAZOLIN-3-ONE AND 2-METHYL-2 H-ISOTHIAZOL-3-ONE (3:1) May produce an allergic reaction

EUH210 - Safety data sheet available on request

2.3. Other Hazards

No information available

3. Composition/information on ingredients**3.1 Substances**

This product is a mixture. Health hazard information is based on its components

3.2 Mixtures

Chemical Name	EC-No	CAS No.	Weight-%	GHS Classification	REACH Registration Number
Dipropylene glycol monomethyl ether	252-104-2	34590-94-8	2.5 - 10	no data available	01-2119450011-60-XX XX
DIETHYLENE GLYCOL MONOETHYL ETHER	203-919-7	111-90-0	2.5 - 10	Eye Irrit. 2 (H319)	01-2119475105-42-XX XX
Ammonium hydroxide	215-647-6	1336-21-6	< 0.1	Skin Corr. 1B (H314) Aquatic Acute 1 (H400)	no data available
MIXTURE OF 5-CHLORO-2-METHYL-4-ISOTHIAZOLIN-3-ONE AND 2-METHYL-2 H-ISOTHIAZOL-3-ONE (3:1)	-	55965-84-9	< 0.1	Acute Tox. 3 (H301) Acute Tox. 3 (H311) Acute Tox. 3 (H331) Skin Corr. 1B (H314) Skin Sens. 1 (H317) Aquatic Acute 1 (H400) Aquatic Chronic 1 (H410)	no data available

For the full text of the H-Statements mentioned in this Section, see Section 16**4. First Aid Measures****4.1 Description of first aid measures**

General advice	When symptoms persist or in all cases of doubt seek medical advice.
Inhalation	Move to fresh air. Get medical attention immediately if symptoms occur.
Skin contact	Wash off immediately with soap and plenty of water. Use a mild soap if available.
Eye contact	Remove contact lenses. Rinse thoroughly with plenty of water, also under the eyelids. Get medical attention.

Ingestion Gently wipe or rinse the inside of the mouth with water. Never give anything by mouth to an unconscious person. Do NOT induce vomiting. Get medical attention.

4.2 Most important symptoms and effects, both acute and delayed

Symptoms No information available.

4.3 Indication of any immediate medical attention and special treatment needed

Notes to physician Treat symptomatically.

5. Fire-Fighting Measures

5.1 Extinguishing media

Suitable extinguishing media

Use water spray, fog, Carbon dioxide (CO₂), foam or dry chemical.

Extinguishing media which shall not be used for safety reasons

High volume water jet.

5.2 Special hazards arising from the substance or mixture

Hazardous decomposition products formed under fire conditions.

5.3 Advice for firefighters

In the event of fire, wear self-contained breathing apparatus. Use personal protective equipment. Collect contaminated fire extinguishing water separately. This must not be discharged into drains.

6. Accidental Release Measures

6.1 Personal precautions, protective equipment and emergency procedures

Personal precautions

Ensure adequate ventilation, especially in confined areas. Use personal protective equipment.

Advice for emergency responders

For personal protection see section 8.

6.2 Environmental precautions

Prevent product from entering drains. Do not allow material to contaminate ground water system.

6.3 Methods and materials for containment and cleaning up

Methods for Containment

Prevent further leakage or spillage if safe to do so.

Methods for cleaning up

Contain spillage, soak up with non-combustible absorbent material, (e.g. sand, earth, diatomaceous earth, vermiculite) and transfer to a container for disposal according to local / national regulations (see section 13).

6.4 Reference to other sections

See section 8 for more information.

7. Handling and storage

7.1 Precautions for safe handling

Advice on safe handling Wear personal protective equipment. Avoid contact with skin, eyes and clothing. Use only in well-ventilated areas.

Hygiene measures When using, do not eat, drink or smoke. Wash hands before breaks and at the end of workday. Remove and wash contaminated clothing before re-use.

7.2 Conditions for safe storage, including any incompatibilities

Storage Conditions

Keep containers tightly closed in a dry, cool and well-ventilated place. Protect from frost.

7.3 Specific end uses

Specific use(s)

No information available

Exposure scenario

No information available.

8. Exposure controls/personal protection

8.1 Control parameters

Exposure Limit Values

Chemical Name	European Union	Austria	Belgium	Denmark	Finland	France
Dipropylene glycol monomethyl ether 34590-94-8	S* TWA 50 ppm TWA 308 mg/m ³	Skin STEL 100 ppm STEL 614 mg/m ³ TWA: 50 ppm TWA: 307 mg/m ³	TWA: 50 ppm TWA: 308 mg/m ³ S*	TWA: 50 ppm TWA: 309 mg/m ³ Skin	TWA: 50 ppm TWA: 310 mg/m ³ Skin	TWA: 50 ppm TWA: 308 mg/m ³
DIETHYLENE GLYCOL MONOETHYL ETHER 111-90-0		STEL 24 ppm STEL 140 mg/m ³ TWA: 6 ppm TWA: 35 mg/m ³				
Ammonium hydroxide 1336-21-6					STEL: 50 ppm STEL: 36 mg/m ³	
MIXTURE OF 5-CHLORO-2-METHYL-4-ISOTHIAZOLIN-3-ONE AND 2-METHYL-2-H-ISOTHIAZOL-3-ONE (3:1) 55965-84-9		Skin TWA: 0.05 mg/m ³				
Chemical Name	Germany	Iceland	Ireland	Italy	Luxembourg	The Netherlands
Dipropylene glycol monomethyl ether 34590-94-8	TWA: 50 ppm TWA: 310 mg/m ³	TWA: 50 ppm TWA: 300 mg/m ³ S* Ceiling: 100 ppm Ceiling: 600 mg/m ³	TWA: 50 ppm TWA: 308 mg/m ³ STEL: 150 ppm STEL: 924 mg/m ³ Skin	TWA: 50 ppm TWA: 308 mg/m ³ STEL: 150 ppm STEL: 909 mg/m ³ TWA: 100 ppm TWA: 606 mg/m ³ Skin		TWA: 300 mg/m ³
DIETHYLENE GLYCOL MONOETHYL ETHER 111-90-0	TWA: 50 mg/m ³ TWA: 6 ppm TWA: 35 mg/m ³					
Chemical Name	Norway	Portugal	Spain	Sweden	Switzerland	The United Kingdom
Dipropylene glycol monomethyl ether 34590-94-8	TWA: 50 ppm TWA: 300 mg/m ³ Skin STEL: 75 ppm STEL: 375 mg/m ³	STEL: 150 ppm TWA: 50 ppm TWA: 308 mg/m ³	S* TWA: 50 ppm TWA: 308 mg/m ³	LLV: 50 ppm LLV: 300 mg/m ³ S* STV: 75 ppm STV: 450 mg/m ³	STEL: 50 ppm STEL: 300 mg/m ³ TWA: 50 ppm TWA: 300 mg/m ³	STEL: 150 ppm STEL: 924 mg/m ³ TWA: 50 ppm TWA: 308 mg/m ³ Skin
DIETHYLENE				LLV: 15 ppm	STEL: 100 mg/m ³	

GLYCOL MONOETHYL ETHER 111-90-0				LLV: 80 mg/m ³ S* STV: 30 ppm STV: 170 mg/m ³	TWA: 50 mg/m ³	
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TWA: time weighted average
 STEL: Short term exposure limit
 LLV: Exposure Limit Values
 STV: Short Term Value

Derived No Effect Level (DNEL) No information available

Predicted No Effect Concentration (PNEC) No information available

8.2 Exposure controls

Engineering Measures Ensure adequate ventilation, especially in confined areas.

Personal protective equipment

- Eye/Face Protection** Safety glasses with side-shields.
- Hand Protection** Protective gloves.
- Skin and body protection** Long sleeved clothing.
- Respiratory protection** In case of insufficient ventilation wear suitable respiratory equipment.

Hygiene measures When using, do not eat, drink or smoke. Wash hands before breaks and at the end of workday. Remove and wash contaminated clothing before re-use.

Environmental exposure controls Prevent product from entering drains. Do not allow material to contaminate ground water system.

9. Physical and chemical properties

9.1 Information on basic physical and chemical properties

Physical state	Liquid
Appearance	Liquid
Colour	milky White
Odour	Characteristic
Odour Threshold	No information available

<u>Property</u>	<u>Values</u>	<u>Remarks</u>
pH	9	
Melting/freezing point		No information available
Boiling point/boiling range		No information available
Flash Point		No information available
Evaporation rate		No information available
Flammability (solid, gas)		No information available
Flammability Limits in Air		
upper flammability limit		No information available
lower flammability limit		No information available
Vapour pressure		No information available
Vapour density		No information available
Specific Gravity		No information available
Water solubility		No information available
Solubility in other solvents		No information available
Partition coefficient		No information available
Autoignition temperature		No information available
Decomposition temperature		No information available
Viscosity, kinematic		No information available
Viscosity, dynamic		No information available
Explosive properties		No information available
Oxidising Properties		No information available

9.2 Other information

Volatile organic compounds (VOC) content	No information available
Density	1.04 g/cm ³ (20 °C)

10. Stability and Reactivity

10.1 Reactivity

Stable under normal conditions.

10.2 Chemical stability

Stable under recommended storage conditions.

10.3 Possibility of hazardous reactions

Hazardous polymerisation does not occur.

10.4 Conditions to Avoid

Protect from frost, heat and sunlight.

10.5 Incompatible Materials

Metals

10.6 Hazardous Decomposition Products

None known.

11. Toxicological information

11.1 Information on toxicological effects

Acute toxicity

Product Information

The product itself has not been tested.

Inhalation	There are no data available for this product.
Eye contact	There are no data available for this product.
Skin contact	There are no data available for this product.
Ingestion	There are no data available for this product.

The following values are calculated based on chapter 3.1 of the GHS document

ATEmix (oral)	16,707.00 mg/kg
ATEmix (dermal)	38,462.00 mg/kg
ATEmix (inhalation-vapour)	80.70 mg/l

Unknown Acute Toxicity

- < 1 % of the mixture consists of ingredient(s) of unknown toxicity
- < 1 % of the mixture consists of ingredient(s) of unknown acute oral toxicity
- < 1 % of the mixture consists of ingredient(s) of unknown acute dermal toxicity
- < 1 % of the mixture consists of ingredient(s) of unknown acute inhalation toxicity (gas)
- < 1 % of the mixture consists of ingredient(s) of unknown acute inhalation toxicity (vapour)
- < 1 % of the mixture consists of ingredient(s) of unknown acute inhalation toxicity (dust/mist)

Chemical Name	LD50 Oral	LD50 Dermal	LC50 Inhalation
DIETHYLENE GLYCOL MONOETHYL ETHER	1920 mg/kg (Rat)		> 5240 mg/m ³ (Rat) 4 h
Dipropylene glycol monomethyl ether	5230 mg/kg (Rat)	= 9500 mg/kg (Rabbit)	

Skin corrosion/irritation No information available.

Serious eye damage/eye irritation	No information available.
Respiratory or skin sensitisation	No information available.
Germ Cell Mutagenicity	No information available.
Carcinogenicity	No information available.
Reproductive toxicity	No information available.
Specific target organ toxicity - single exposure	No information available.
Specific target organ toxicity - repeated exposure	No information available.
Target Organs	Central nervous system. Eyes. Respiratory system.
Aspiration hazard	No information available.

12. Ecological information

12.1 Toxicity

< 1 % of the mixture consists of components(s) of unknown hazards to the aquatic environment

Ecotoxicity effects

Contains no substances known to be hazardous to the environment or not degradable in waste water treatment plants

Chemical Name	Toxicity to algae	Toxicity to fish	Toxicity to daphnia and other aquatic invertebrates
Dipropylene glycol monomethyl ether		LC50: 96 h Pimephales promelas 10000 mg/L static	LC50: 48 h Daphnia magna 1919 mg/L
DIETHYLENE GLYCOL MONOETHYL ETHER		LC50: 96 h Lepomis macrochirus 10000 mg/L static LC50: 96 h Lepomis macrochirus 19100 - 23900 mg/L flow-through LC50: 96 h Oncorhynchus mykiss 11400 - 15700 mg/L flow-through LC50: 96 h Pimephales promelas 11600 - 16700 mg/L flow-through	EC50: 48 h Daphnia magna 3940 - 4670 mg/L
Ammonium hydroxide		LC50: 96 h Pimephales promelas 8.2 mg/L	EC50: 48 h water flea 0.66 mg/L EC50: 48 h Daphnia pulex 0.66 mg/L

12.2 Persistence and degradability

No information available.

12.3 Bioaccumulative potential

No information available.

Chemical Name	log Pow
Dipropylene glycol monomethyl ether	-0.064
DIETHYLENE GLYCOL MONOETHYL ETHER	-0.8

12.4 Mobility in soil

Mobility in soil

No information available.

Mobility

No information available.

12.5 Results of PBT and vPvB assessment

No information available.

12.6 Other adverse effects.

Discharge into the environment must be avoided.

13. Disposal Considerations**13.1 Waste treatment methods**

Waste from residues / unused products	If recycling is not practicable, dispose of in compliance with local regulations.
Contaminated packaging	Empty containers should be taken to an approved waste handling site for recycling or disposal.
Other information	According to the European Waste Catalogue, Waste Codes are not product specific, but application specific.

14. Transport Information**ADR**

14.1 UN	Not regulated
14.2 Proper shipping name	Not regulated
14.3 Hazard class	Not regulated
14.4 Packing Group	Not regulated
14.5 Environmental hazard	Not applicable
14.6 Special Provisions	None

IMDG

14.1 UN	Not regulated
14.2 Proper shipping name	Not regulated
14.3 Hazard class	Not regulated
14.4 Packing Group	Not regulated
14.5 Marine pollutant	Not applicable
14.6 Special Provisions	None
14.7 Transport in bulk according to MARPOL 73/78 and the IBC Code	No information available

IATA

14.1 UN	Not regulated
14.2 Proper shipping name	Not regulated
14.3 Hazard class	Not regulated
14.4 Packing Group	Not regulated
14.5 Environmental hazard	Not applicable
14.6 Special Provisions	None

15. Regulatory information**15.1 Safety, health and environmental regulations/legislation specific for the substance or mixture**

National regulatory informationGermany **WGK Classification** WGK = 1 (self classification)Germany **GIS Code** GE10

Chemical Name	French RG number	Title
Dipropylene glycol monomethyl ether 34590-94-8	RG 84	-
DIETHYLENE GLYCOL MONOETHYL ETHER 111-90-0	RG 84	-

European Union

Take note of Directive 98/24/EC on the protection of the health and safety of workers from the risks related to chemical agents at work

Authorisations and/or restrictions on use:

This product does not contain substances subject to authorisation (Regulation (EC) No. 1907/2006 (REACH), Annex XIV)

This product does not contain substances subject to restriction (Regulation (EC) No. 1907/2006 (REACH), Annex XVII)

Persistent Organic Pollutants

Not applicable

International Inventories

TSCA	Complies
EINECS/ELINCS	Complies
DSL	Complies
PICCS	Complies
ENCS	Complies
IECSC	Complies
AICS	Complies
KECL	Complies
NZIoC	Complies

Legend

EINECS/ELINCS - European Inventory of Existing Chemical Substances/European List of Notified Chemical Substances

DSL/NDSL - Canadian Domestic Substances List/Non-Domestic Substances List

PICCS - Philippines Inventory of Chemicals and Chemical Substances

ENCS - Japan Existing and New Chemical Substances

IECSC - China Inventory of Existing Chemical Substances

AICS - Australian Inventory of Chemical Substances

KECL - Korean Existing and Evaluated Chemical Substances

NZIoC - New Zealand Inventory of Chemicals

15.2 Chemical Safety Assessment

No information available

16. Other information

Key or legend to abbreviations and acronyms used in the safety data sheet**Full text of H-Statements referred to under section 3**

H319 - Causes serious eye irritation

H301 - Toxic if swallowed

H311 - Toxic in contact with skin

H331 - Toxic if inhaled

H314 - Causes severe skin burns and eye damage
H317 - May cause an allergic skin reaction
H400 - Very toxic to aquatic life
H410 - Very toxic to aquatic life with long lasting effects

Prepared By RPM Belgium
Regulatory Affairs/Product Safety

Revision Date 12-Oct-2015

Revision Note Not Applicable.

This safety datasheet complies with the requirements of Regulation (EC) No. 1907/2006

Disclaimer

The information provided on this SDS 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 guide for safe handling, use, processing, storage, transportation, disposal and release and is not to be considered as 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 material or in any process, unless specified in the text.

End of Safety Data Sheet