

MATERIAL SAFETY DATA SHEET

GERLAN Handcream

FILE NO.: 15
MSDS DATE: 18.08.2008

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SECTION 1: PRODUCT AND COMPANY IDENTIFICATION

PRODUCT NAME: GERLAN Handcream
SYNONYMS:
PRODUCT CODES: Art-Nr. 215000503

MANUFACTURER: Eduard Gerlach GmbH
DIVISION: Cosmetic-Produktion
ADDRESS: Bäckerstr. 4 – 8
D – 32312 Lübbecke

EMERGENCY PHONE: 05741 / 330 - 0
CHEMTREC PHONE:
OTHER CALLS: 05741 /330143 Dr. Jacobs, Eduard Gerlach com.
FAX PHONE: 05741 / 347344

CHEMICAL NAME: GERLAN Handcream
CHEMICAL FAMILY: Cream product
CHEMICAL FORMULA: Aqua (Water), Urea, Glycerol Stearate, Isopropyl-Palmitate Glycerine,
Cetyl-Alkohole, Paraffin-Oil
Clotrimazole, Ethylparabene, Imidazolidinyl Urea, Triethyl-Citrate,
Butylparabene, Propylparabene, Isobutylparabene,
Phenoxyethanol, Imidazolidinyl-Urea, Panthenol, Bisabolol
PRODUCT USE: Cosmetic product
PREPARED BY: Eduard Gerlach GmbH

SECTION 1 NOTES:

SECTION 2: COMPOSITION/INFORMATION ON INGREDIENTS

INGREDIENT: Clotrimazol

<u>CAS NO.</u>	<u>% WT</u>	<u>% VOL</u>	<u>SARA 313 REPORTABLE</u>
	< 1% ppm	< 1% mg/m3	
OSHA PEL-TWA: OSHA PEL STEL : OSHA PEL CEILING:			
ACGIH TLV-TWA: ACGIH TLV STEL: ACGIH TLV CEILING:			

SECTION 2 NOTES:

SECTION 3: HAZARDS IDENTIFICATION

EMERGENCY OVERVIEW:

ROUTES OF ENTRY:

POTENTIAL HEALTH EFFECTS

EYES: In case of contact with eyes, rinse immediately with plenty of water and seek medical advice

SKIN: Wash off with soap and plenty of water

INGESTION: If swallowed, seek medical advice and show this container or label. Do not induce vomiting without medical advice.

INHALATION: If inhaled, remove to fresh air. If not breathing, give artificial respiration. Get medical attention.

ACUTE HEALTH HAZARDS: none

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CHRONIC HEALTH HAZARDS: none

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MEDICAL CONDITIONS GENERALLY AGGRAVATED BY EXPOSURE:

CARCINOGENICITY

OSHA:

ACGIH:

NTP:

IARC:

OTHER:

SECTION 3 NOTES: The product is not carcinogen

SECTION 4: FIRST AID MEASURES

EYES: In case of contact with eyes, rinse immediately with plenty of water and seek medical advice

SKIN: Wash off with soap and plenty of water.

INGESTION: : If swallowed, seek medical advice and show this container or label. Do not induce vomiting without medical advice.

INHALATION: If inhaled, remove to fresh air. If not breathing, give artificial respiration. Get medical attention.

NOTES TO PHYSICIANS OR FIRST AID PROVIDERS : Cream product, prepared with water, emulsifying agents, Glycerin, fatty oils, Isopropylpalmitate . The product contains 5 % Urea.

SECTION 4 NOTES:

SECTION 5: FIRE-FIGHTING MEASURES

FLAMMABLE LIMITS IN AIR, UPPER: no limits existing
(% BY VOLUME) **LOWER:**

FLASH POINT: no flashpoint existing

F:

C:

METHOD USED:

AUTOIGNITION TEMPERATURE: no autoignition temperature existing

F:

C:

NFPA HAZARD CLASSIFICATION

HEALTH:

FLAMMABILITY: GERLAN handcream is non flammable

REACTIVITY:

Stable under recommended storage conditions lower than 30°C

OTHER:

HMIS HAZARD CLASSIFICATION

HEALTH:

FLAMMABILITY: non flammable

REACTIVITY: non reactive

PROTECTION:

EXTINGUISHING MEDIA: Water, foam, dry powder

SPECIAL FIRE FIGHTING PROCEDURES:

UNUSUAL FIRE AND EXPLOSION HAZARDS: no fire and explosion hazards existing

HAZARDOUS DECOMPOSITION PRODUCTS: no hazardous decomposition products existing

SECTION 5 NOTES: The product is non flammable

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SECTION 6: ACCIDENTAL RELEASE MEASURES

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ACCIDENTAL RELEASE MEASURES:

SECTION 6 NOTES: Procedure for cleaning/ absorbing: mechanical absorbing or removal with plenty of warm water
Use wetting agent.

SECTION 7: HANDLING AND STORAGE

HANDLING AND STORAGE: Protect from frost, keep tightly closed in a dry and cool place.

OTHER PRECAUTIONS: Do not ingest. If ingested, do not induce vomiting.

SECTION 7 NOTES:

SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION

ENGINEERING CONTROLS: none

VENTILATION : no ventilation necessary

RESPIRATORY PROTECTION: not any protection necessary

EYE PROTECTION: need safety glasses in case of handling the product

SKIN PROTECTION: avoid contact with the eyes, causing irritation to the mucous membrane

OTHER PROTECTIVE CLOTHING OR EQUIPMENT: Hand protection, need rubber gloves or gloves made of polyacrylonitrile, for example Lapren R, Camatril R, Kat III, to get by Fa. Carl Roth (Germany)

WORK HYGIENIC PRACTICES: Wash hands before breaks and the end of workday. When using, do not eat, drink or smoke.
Take off all contaminated clothes immediately. Wash contaminated clothes before re-use.

EXPOSURE GUIDELINES:

SECTION 8 NOTES:

SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

APPEARANCE: Form: white cream product (prepared with water)

ODOR: specific for the product, typical odor

PHYSICAL STATE:

pH AS SUPPLIED: 7,3 – 7.75 (10% of the product in distilled water)

pH (Other):

BOILING POINT:

F: approximate 212°F

C: approximate 100°C

MELTING POINT:

F:

C:

FREEZING POINT: not measured

F:

C:

VAPOR PRESSURE (mmHg): < 0.1 hPa

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F:

C:

VAPOR DENSITY (AIR = 1): not applicable

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F:

C:

SPECIFIC GRAVITY (H₂O = 1): 1,0040– 1,0085 g/ cm³

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F: 68°F

C: 20°C

EVAPORATION RATE:

BASIS (=1):

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SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES (con't)

SOLUBILITY IN WATER: complete miscible with water (white emulsion)

PERCENT SOLIDS BY WEIGHT: 15 m-%

PERCENT VOLATILE: water only, ca70 m-%

BY WT/ BY VOL @

F:

C:

VOLATILE ORGANIC COMPOUNDS (VOC): no volatile organic compounds existing

WITH WATER: LBS/GAL
WITHOUT WATER: LBS/GAL

MOLECULAR WEIGHT:

VISCOSITY:

@

F:

C:

SECTION 9 NOTES: ca. 5 % Urea

SECTION 10: STABILITY AND REACTIVITY

STABLE

UNSTABLE

STABILITY: The product is stable

CONDITIONS TO AVOID (STABILITY): Keep cool in a dry place

INCOMPATIBILITY (MATERIAL TO AVOID): none

HAZARDOUS DECOMPOSITION OR BY-PRODUCTS: none

HAZARDOUS POLYMERIZATION: none

CONDITIONS TO AVOID (POLYMERIZATION): none

SECTION 10 NOTES:

SECTION 11: TOXICOLOGICAL INFORMATION

TOXICOLOGICAL INFORMATION:

SECTION 11 NOTES: The product is not toxic (cosmetic product)

SECTION 12: ECOLOGICAL INFORMATION

ECOLOGICAL INFORMATION: no data of the product. Ecological problems are not expected by normal use.

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SECTION 12 NOTES:

SECTION 13: DISPOSAL CONSIDERATIONS

WASTE DISPOSAL METHOD: Disposal required in compliance with all waste management related local regulations. The choice of the appropriate method of disposal depends on the product composition by the time of disposal as well as the local statutes and possibilities for disposal. Diluted solution may be introduced into a biological purification plant, with permission of the responsible authorities.

RCRA HAZARD CLASS:

SECTION 13: DISPOSAL CONSIDERATIONS (con't)

SECTION 13 NOTES:

SECTION 14: TRANSPORT INFORMATION

U.S. DEPARTMENT OF TRANSPORTATION no special regulations

PROPER SHIPPING NAME:
HAZARD CLASS:
ID NUMBER:
PACKING GROUP:
LABEL STATEMENT:

WATER TRANSPORTATION no special regulations

PROPER SHIPPING NAME:
HAZARD CLASS:
ID NUMBER:
PACKING GROUP:
LABEL STATEMENTS:

AIR TRANSPORTATION no special regulations

PROPER SHIPPING NAME:
HAZARD CLASS:
ID NUMBER:
PACKING GROUP:
LABEL STATEMENTS:

OTHER AGENCIES:

SECTION 14 NOTES: GERLAN Handcream is a cosmetic- product

SECTION 15: REGULATORY INFORMATION

U.S. FEDERAL REGULATIONS

TSCA (TOXIC SUBSTANCE CONTROL ACT):

CERCLA (COMPREHENSIVE RESPONSE COMPENSATION, AND LIABILITY ACT):

SARA TITLE III (SUPERFUND AMENDMENTS AND REAUTHORIZATION ACT):

311/312 HAZARD CATEGORIES:

313 REPORTABLE INGREDIENTS:

STATE REGULATIONS:

INTERNATIONAL REGULATIONS: EU labelling regulations --- none---

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SECTION 15 NOTES:

SECTION 16: OTHER INFORMATION

OTHER INFORMATION:

All information given above is based on our present state of knowledge and describes the safety measures to be taken with regard to the product concerned. The information does not represent a guarantee of the properties of the product.

PREPARATION INFORMATION:

Department: The laboratory of Fa. Eduard Gerlach GmbH

Date: 18.08.2008

Company: Eduard Gerlach GmbH
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