

MATERIAL SAFETY DATA SHEET

GEHWOL med Nail and Skin Protection Oil

FILE NO.: 16

1

MSDS DATE: 02.09.08

SECTION 1: PRODUCT AND COMPANY IDENTIFICATION

PRODUCT NAME: GEHWOL med Nail and Skin Protection Oil

SYNONYMS:

PRODUCT CODES: Art-Nr. 1140203

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: GEHWOL med Nail and Skin Protection Oil

CHEMICAL FAMILY: Light yellow liquid, containing Ethanol < 5% Ethanol kosmetic,

CHEMICAL FORMULA: Isopropyl-Palmitate, Isopropylmyristate, Panthenol, Bisabolol,
spec. fatty Oils, Propyleneglycole, spec. Tensides, fragrance
Clotrimazole < 1%

PRODUCT USE: Cosmetic product

PREPARED BY: Eduard Gerlach GmbH

SECTION 1 NOTES:

SECTION 2: COMPOSITION/INFORMATION ON INGREDIENTS

INGREDIENT: Ethanol, cosmetic, Clotrimazole

<u>CAS NO.</u>		<u>% WT</u>	<u>% VOL</u>	<u>SARA 313 REPORTABLE</u>
64- 17 - 5	Ethanol	< 5	< 6,3	
23593- 75-1	Clotrimazole	< 1	----	

	<u>ppm</u>	<u>mg/m3</u>	
OSHA PEL-TWA:	500	960	(MAK, Ethanol, 100%)
OSHA PEL STEL :			
OSHA PEL CEILING:			

ACGIH TLV-TWA:
ACGIH TLV STEL:
ACGIH TLV CEILING:

SECTION 2 NOTES: German- MAK-data of Ethanol

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 (pH: 7,1)

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: Irritating to eyes and skin, symptoms of alcohol intoxication.

MATERIAL SAFETY DATA SHEET

GEHWOL med Nail and Skin Protection Oil

FILE NO.: 16

2

MSDS DATE: 02.09.08

CHRONIC HEALTH HAZARDS: none

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: light yellow liquid, pH 7,1 , prepared with fatty oils, Ethanol , emulsifying Agents and fragrance.

SECTION 4 NOTES: The product contains Ethanol < 5%, (kosm.), Clotrimazole < 1%

SECTION 5: FIRE-FIGHTING MEASURES

FLAMMABLE LIMITS IN AIR, UPPER: not measured
(% BY VOLUME) LOWER: not measured

FLASH POINT:

F: +84°

C: + 29°

METHOD USED: Abel- Pensky Apparatus

AUTOIGNITION TEMPERATURE: no autoignition temperature existing

F:

C:

NFPA HAZARD CLASSIFICATION

HEALTH: FLAMMABILITY: GEHWOL med Nail and Skin Protection Oil is flammable
REACTIVITY: Stable under recommended storage conditions
OTHER:

HMIS HAZARD CLASSIFICATION

HEALTH: FLAMMABILITY: flammable REACTIVITY: non reactive
PROTECTION:

EXTINGUISHING MEDIA , foam, dry powder, carbon dioxide , do not use water or water-stream

SPECIAL FIRE FIGHTING PROCEDURES:

UNUSUAL FIRE AND EXPLOSION HAZARDS: fire and explosion hazards only existing above the flashpoint of the product.
>= 29°C

HAZARDOUS DECOMPOSITION PRODUCTS: no hazardous decomposition products existing

MATERIAL SAFETY DATA SHEET

GEHWOL med Nail and Skin Protection Oil

FILE NO.: 16

3

MSDS DATE: 02.09.08

SECTION 5 NOTES: The product is flammable

SECTION 6: ACCIDENTAL RELEASE MEASURES

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 : use ventilation or fresh air in case of handling the product.

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 polynitril, 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: Do not ingest, if ingested, do not induce vomiting. Keep away from heat, sparks and flame. To avoid fire or explosion, dissipate static electricity during transfer by earthing and bonding containers and equipment before transferring material. Use explosion proof electrical.

SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

APPEARANCE: Form: light yellow liquid

ODOR: specific for the product, typical parfum / alcoholic

PHYSICAL STATE:

pH AS SUPPLIED: 7,1 (konz. Product)

pH (Other):

BOILING POINT:

F: beginning at 175°

C: beginning at 78 °

MELTING POINT:

F: not measured

C: not measured

MATERIAL SAFETY DATA SHEET

GEHWOL med Nail and Skin Protection Oil

FILE NO.: 16

4

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FREEZING POINT: not measured

F:

C:

VAPOR PRESSURE (mmHg): < 0.1 hPa

@

F:

C:

VAPOR DENSITY (AIR = 1): not applicable

@

F:

C:

SPECIFIC GRAVITY (H₂O = 1): 0,870 g/ cm³

@

F: 68°

C: 20°

EVAPORATION RATE:

BASIS (=1):

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

SOLUBILITY IN WATER: not complete miscible with water (Emulsion)

PERCENT SOLIDS BY WEIGHT: 1 – 2 m-%

PERCENT VOLATILE: water only, < 1 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: not measured

@

F:

C:

SECTION 9 NOTES:

SECTION 10: STABILITY AND REACTIVITY

STABLE

UNSTABLE

STABILITY: The product is stable , store below 25°C -----

CONDITIONS TO AVOID (STABILITY): Keep away from frost

INCOMPATIBILITY (MATERIAL TO AVOID): none

HAZARDOUS DECOMPOSITION OR BY-PRODUCTS: none

HAZARDOUS POLYMERIZATION: none

CONDITIONS TO AVOID (POLYMERIZATION): none

SECTION 10 NOTES: Keep cool in a dry place

SECTION 11: TOXICOLOGICAL INFORMATION

MATERIAL SAFETY DATA SHEET

GEHWOL med Nail and Skin Protection Oil

FILE NO.: 16

5

MSDS DATE: 02.09.08

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.

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

PROPER SHIPPING NAME: GEHWOL med Nail and Skin Protection Oil
HAZARD CLASS: 3
ID NUMBER: UN 1993
PACKING GROUP: III
LABEL STATEMENT: 3

WATER TRANSPORTATION

PROPER SHIPPING NAME: GEHWOL med Nail and Skin Protection Oil
HAZARD CLASS: 3.2
ID NUMBER: UN 1993
PACKING GROUP: III
LABEL STATEMENTS: 3

AIR TRANSPORTATION

PROPER SHIPPING NAME: GEHWOL med Nail and Skin Protection Oil
HAZARD CLASS: 3
ID NUMBER: UN 1993
PACKING GROUP: III
LABEL STATEMENTS: 3

OTHER AGENCIES:

SECTION 14 NOTES: GEHWOL med Nail and Skin Protection Oil is a cosmetic- product

SECTION 15: REGULATORY INFORMATION

U.S. FEDERAL REGULATIONS

MATERIAL SAFETY DATA SHEET

GEHWOL med Nail and Skin Protection Oil

FILE NO.: 16

6

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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 : Hazard symbol/ symbols not necessary

R-phrase(s) : R10 flammable / no label regulated

S-phrase(s) : S 7: keep container tightly closed
S16: Keep away from sources of ignition – no smoking
(S-Phrases not necessary on the label)

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: 02.09.2008

Company: Eduard Gerlach GmbH
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