

SAFETY DATA SHEET

FILE NO.: 1

1

GEHWOL med Nail Softener

SDS-Date: 21.05.2015

SECTION 1: Identification

PRODUCT NAME: GEHWOL med Nail Softener

SYNONYMS:

PRODUCT CODES: Art-Nr. 1140401

MANUFACTURER: Eduard Gerlach GmbH

DIVISION: Cosmetic-Production

ADDRESS: Bäckerstr. 4 – 8
D – 32312 Lübbecke

EMERGENCY PHONE: 05741 / 330 - 0

CHEMTREC PHONE:

OTHER CALLS: 05741 /330146 (Dr. Lührmann, Laboratory, E.Gerlach Company)

FAX : 05741 / 330930

CHEMICAL NAME: GEHWOL med Nail Softener

CHEMICAL FAMILY: Light yellow liquid, cosmetic product

CHEMICAL FORMULA : 2-Propanole, 2-Aminoethanole, Water, medicine special soap

PRODUCT USE: Cosmetic product

PREPARED BY: Eduard Gerlach GmbH

SECTION 1 NOTES: Product is using for caring nails

SECTION 2: Hazard(s) 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 13.2!)

SKIN: After work, wash hands with soap and 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

CHRONIC HEALTH HAZARDS: none

MEDICAL CONDITIONS GENERALLY AGGRAVATED BY EXPOSURE:

CARCINOGENICITY

OSHA:

ACGIH:

NTP:

IARC:

OTHER:

SECTION 2 NOTES: This Cosmetic- Product is not classified by the GHS-System (EG Nr.1272/2008.

SECTION 3: Composition/Information on Ingredients

SAFETY DATA SHEET

FILE NO.: 1

2

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INGREDIENT: Ethanol, cosmetic, Clotrimazole

<u>CAS NO.</u>	<u>% WT</u>	<u>% VOL</u>	
67-63-0 2-Propanole	≤20	-----	H225 Highly flammable liquid, Cat. 2
141-43-5 2-Aminoethanol	≤5	-----	H318 Causes serious eye damage, Cat. 1
OSHA PEL-TWA:	<u>ppm</u>	<u>mg/m3</u>	
OSHA PEL STEL :	200	500	(MAK, 2-Propanole)
OSHA PEL CEILING:	2	5.1	(MAK 2-Aminoethanol)
ACGIH TLV-TWA:			
ACGIH TLV STEL:			
ACGIH TLV CEILING:			

SECTION 3 NOTES: German- MAK-data of 2-Propanole and 2- Aminoethanol

SECTION 4: First-Aid Measures

EYES: In case of contact with eyes, rinse immediately with plenty of water and seek medical advice. (pH 13.2!)

SKIN: After work, wash hands with soap and 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 13.3, prepared with emulsifying agents, 2- Propanole, 2-Aminoethanol

SECTION 4 NOTES: eye-irritation may be possible.

SECTION 5: Fire-Fighting Measures

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

FLASH POINT:

F: +84

C: +29

METHOD USED: Abel Penski Apparatus

AUTOIGNITION TEMPERATURE: no autoignition temperature existing

F:

C:

NFPA HAZARD CLASSIFICATION

HEALTH: **FLAMMABILITY:** GEHWOL med Nail Softener is non flammable, because water is the main compound of the solution.
REACTIVITY: Stable under recommended storage conditions lower than 30°C
OTHER:

HMIS HAZARD CLASSIFICATION

HEALTH: **FLAMMABILITY:** non flammable **REACTIVITY:** non reactive
PROTECTION:

SAFETY DATA SHEET

FILE NO.: 1

3

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EXTINGUISHING MEDIA: foam, dry powder, carbon dioxide, 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.
≥ 28°C (85°F)

HAZARDOUS DECOMPOSITION PRODUCTS: no hazardous decomposition products existing

SECTION 5 NOTES: The product is non 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: Avoid temperatures above 35°C (95°F)

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 (pH=13.2!)

SKIN PROTECTION: avoid contact with hands, wear rubber gloves or gloves made of polynitril

OTHER PROTECTIVE CLOTHING OR EQUIPMENT

WORK HYGIENIC PRACTICES: Wash hands before eating or drinking and the end of workday.

EXPOSURE GUIDELINES:

SECTION 8 NOTES:

SECTION 9: Physical and Chemical Properties

APPEARANCE: Form: light yellow liquid

ODOR: specific for the product, typical parfum /alcoholic

PHYSICAL STATE:

pH AS SUPPLIED: 13.2 (conc. product))

pH (Other):

SAFETY DATA SHEET

FILE NO.: 1

4

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BOILING POINT:

F: beginning at 193°

C: beginning at 89°

MELTING POINT:

F:

C:

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): 0,980 g/ cm³

@

F: 68°F

C: 20°C

EVAPORATION RATE:

BASIS (=1):

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

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

PERCENT SOLIDS BY WEIGHT: 15 %WT

PERCENT VOLATILE: water only, 60%WT

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:

SECTION 10: Stability and Reactivity

STABLE

UNSTABLE

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

CONDITIONS TO AVOID (STABILITY): Keep cool in a dry place, protecting from frost

INCOMPATIBILITY (MATERIAL TO AVOID): none

HAZARDOUS DECOMPOSITION OR BY-PRODUCTS: none

HAZARDOUS POLYMERIZATION: none

SAFETY DATA SHEET

FILE NO.: 1

5

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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 (non-mandatory)

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

SECTION 12 NOTES:

SECTION 13: Disposal Considerations (non-mandatory)

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 (non-mandatory)

U.S. DEPARTMENT OF TRANSPORTATION

PROPER SHIPPING NAME: GEHWOL med Nail Softener
HAZARD CLASS: 8
ID NUMBER: UN 2491
PACKING GROUP: III
LABEL STATEMENT: 8

WATER TRANSPORTATION

PROPER SHIPPING NAME: GEHWOL med Nail Softener
HAZARD CLASS: 8
ID NUMBER: UN 2491
PACKING GROUP: III
LABEL STATEMENTS: 8

AIR TRANSPORTATION

PROPER SHIPPING NAME: GEHWOL med Nail Softener
HAZARD CLASS: 8
ID NUMBER: UN 2491
PACKING GROUP: III
LABEL STATEMENTS: 8

OTHER AGENCIES:

SAFETY DATA SHEET

FILE NO.: 1

6

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SECTION 14 NOTES:

GEHWOL med Softener is a cosmetic product

SECTION 15: Regulatory Information (non-mandatory)

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: GHS labelling regulations: Hazard symbol/symbols are not necessary

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 Company: Eduard Gerlach GmbH

Date: 21.05.2015

Company: Eduard Gerlach GmbH
Bäckerstr. 4 – 8
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