

# SAFETY DATA SHEET

FILE NO.: 1

1

GEHWOL med Nail Softener

SDS-Date: 21.05.2015

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## SECTION 1: Identification

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**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

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## SECTION 2: Hazard(s) Identification

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**\_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:**

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**CARCINOGENICITY**

**OSHA:**                      **ACGIH:**                      **NTP:**                      **IARC:**  
**OTHER:**

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

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## SECTION 3: Composition/Information on Ingredients

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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	-----
141-43-5	2-Aminoethanol	≤5	-----

H225 Highly flammable liquid, Cat. 2  
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

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## SECTION 4: First-Aid Measures

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**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.

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## SECTION 5: Fire-Fighting Measures

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**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:**

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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

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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.

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## SECTION 7: Handling and Storage

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**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)

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## SECTION 8: Exposure Controls/Personal Protection

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**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:**

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## SECTION 9: Physical and Chemical Properties

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**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 (H<sub>2</sub>O = 1):** 0,980 g/ cm<sup>3</sup>

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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)**

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**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:**

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F:  
C:

**SECTION 9 NOTES:**

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**SECTION 10: Stability and Reactivity**

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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:

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## SECTION 11: Toxicological Information

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TOXICOLOGICAL INFORMATION:

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

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## SECTION 12: Ecological Information (non-mandatory)

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

SECTION 12 NOTES:

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## SECTION 13: Disposal Considerations (non-mandatory)

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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:

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## SECTION 13: DISPOSAL CONSIDERATIONS (con't)

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SECTION 13 NOTES:

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## SECTION 14: Transport Information (non-mandatory)

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### 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

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## SECTION 15: Regulatory Information (non-mandatory)

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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:

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## SECTION 16: Other Information

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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  
D- 32312 Lübbecke