

SECTION 1: Identification of the substance/mixture and of the company/undertaking

1.1 Product identifier

Trade name/designation

4610000 Stripping paste
UFI: VFG0-900G-400X-WFEE

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

Relevant identified uses

Cleaning agent

1.3 Details of the supplier of the safety data sheet

Supplier

AURO Pflanzenchemie AG
Alte Frankfurter Straße 211 A Telephone: +49 531 28141-0
38122 Braunschweig Telefax: +49 531 28141-72
Deutschland E-mail: info@auro.de
Website: www.auro.de

Department responsible for information

E-mail (competent person) msds@auro.de

1.4 Emergency telephone number

Emergency telephone number: +44 1544388535
Only available during office hours.

SECTION 2: Hazards identification

2.1 Classification of the substance or mixture

Classification according to Regulation (EC) No 1272/2008 [CLP]

The mixture is classified as hazardous according to regulation (EC) No 1272/2008 [CLP].
Eye Dam. 1; Serious eye damage/eye irritation; H318 Causes serious eye damage.
Skin Corr. 1; Skin corrosion/irritation; H314 Causes severe skin burns and eye damage.
Skin Sens. 1; Skin sensitisation; H317 May cause an allergic skin reaction.
Aquatic Chronic 3; Hazardous to the aquatic environment; H412 Harmful to aquatic life with long lasting effects.

2.2 Label elements

Labelling according to Regulation (EC) No. 1272/2008 [CLP]

Hazard pictograms



GHS05 GHS07

Signal word

Danger

Hazard statements

H314 Causes severe skin burns and eye damage.
H317 May cause an allergic skin reaction.
H412 Harmful to aquatic life with long lasting effects.

Precautionary statements

P101 If medical advice is needed, have product container or label at hand.
P102 Keep out of reach of children.
P260 Do not breathe vapours.
P280 Wear protective gloves and eye/face protection.
P301 + P330 + P331 IF SWALLOWED: rinse mouth. Do NOT induce vomiting.
P303 + P361 + P353 IF ON SKIN (or hair): Take off immediately all contaminated clothing. Rinse skin with water [or shower].
P305 + P351 + P338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
P310 Immediately call a POISON CENTER.
P405 Store locked up.

P501 Dispose of contents/container to industrial incineration plant.

Hazard components for labelling

Eucalyptusöl
caustic potash; potassium hydroxide
Orange, sweet, ext.

Supplemental hazard information

not applicable

2.3 Other hazards

The substances in the mixture do not meet the PBT/vPvB criteria according to REACH, annex XIII.

SECTION 3: Composition/information on ingredients.

3.2 Mixtures

Description

Hazardous ingredients

CAS No. EC No. Index No.	Substance name REACH No. Classification according to Regulation (EC) No 1272/2008 [CLP]	weight-%
* 1310-58-3 215-181-3 019-002-00-8	caustic potash; potassium hydroxide 01-2119487136-33-xxxx Met. Corr. 1 H290 / Acute Tox. 4 H302 / Skin Corr. 1A H314 / Eye Dam. 1 H318 Specific concentration limit (SCL) Eye Irrit. 2 H319: >= 0,50 / Skin Irrit. 2 H315: >= 0,50 / Skin Corr. 1A H314: >= 5,00 / Skin Corr. 1B H314: >= 2,00 ATE (oral): = 333 mg/kg ATE (oral): = 333 mg/kg	12,5 < 15,0
* 8028-48-6 232-433-8 -	Orange, sweet, ext. 01-2119493353-35-0003 Flam. Liq. 3 H226 / Asp. Tox. 1 H304 / Skin Irrit. 2 H315 / Skin Sens. 1 H317 / Aquatic Chronic 2 H411 ATE (oral): > 5.000 mg/kg ATE (oral): > 5.000 mg/kg	3,00 < 5,00
* 8000-48-4 283-406-2 -	Eucalyptusöl 01-2119978250-37-0002 Flam. Liq. 3 H226 / Asp. Tox. 1 H304 / Skin Irrit. 2 H315 / Skin Sens. 1 H317 / Aquatic Chronic 2 H411	0,300 < 0,500
* 1336-21-6 215-647-6 007-001-01-2	ammonia% 01-2119488876-14-xxxx Skin Corr. 1B H314 / Eye Dam. 1 H318 / STOT SE 3 H335 / Aquatic Acute 1 H400 (M = 1,00) / Aquatic Chronic 2 H411 Specific concentration limit (SCL) STOT SE 3 H335: >= 5,00	0,250 < 0,300

Remark

Full text of H- and EUH-statements: see section 16. Full text of H-phrases: see section 16.

SECTION 4: First aid measures

4.1 Description of first aid measures

General information

- * In all cases of doubt, or when symptoms persist, seek medical advice. In case of unconsciousness give nothing by mouth, place in recovery position and seek medical advice.

Following inhalation

Remove casualty to fresh air and keep warm and at rest. In case of irregular breathing or respiratory arrest provide artificial respiration.

Following skin contact

Remove contaminated, saturated clothing immediately. After contact with skin, wash immediately with plenty of water and soap. Do not use solvents or thinners.

After eye contact

Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Seek medical advice immediately.

Following ingestion

If swallowed, rinse mouth with water (only if the person is conscious). Seek medical advice immediately. Keep victim calm. Do NOT induce vomiting.

Self-protection of the first aider

First aider: Pay attention to self-protection!

4.2 Most important symptoms and effects, both acute and delayed

Symptoms

In all cases of doubt, or when symptoms persist, seek medical advice.

4.3 Indication of any immediate medical attention and special treatment needed

First Aid, decontamination, treatment of symptoms.

SECTION 5: Firefighting measures

5.1 Extinguishing media

Suitable extinguishing media

alcohol resistant foam, Carbon dioxide (CO₂), Powder, spray mist, (water)

Unsuitable extinguishing media

Strong water jet

5.2 Special hazards arising from the substance or mixture

Dense black smoke occurs during fire. Inhaling hazardous decomposing products can cause serious health damage.

5.3 Advice for firefighters

Provide a conveniently located respiratory protective device. Cool closed containers that are near the source of the fire. Do not allow water used to extinguish fire to enter drains, ground or waterways.

SECTION 6: Accidental release measures

6.1 Personal precautions, protective equipment and emergency procedures

Ventilate affected area. Do not breathe vapours.

6.2 Environmental precautions

Do not allow to enter into surface water or drains. If the product contaminates lakes, rivers or sewages, inform competent authorities in accordance with local regulations.

6.3 Methods and material for containment and cleaning up

For containment

Isolate leaked material using non-flammable absorption agent (e.g. sand, earth, vermiculit, diatomaceous earth) and collect it for disposal in appropriate containers in accordance with the local regulations (see section 13).

For cleaning up

Clean using cleansing agents. Do not use solvents.

6.4 Reference to other sections

Safe handling: see section 7

Personal protection equipment: refer to section 8

Disposal: see section 13

SECTION 7: Handling and storage

7.1 Precautions for safe handling

Advices on safe handling

Avoid contact with skin, eyes and clothes. Avoid respiration of swarf. Personal protection equipment: see section 8 Do not empty containers with pressure - no pressure vessel! Always keep in containers that correspond to the material of the original container. Follow the legal protection and safety regulations.

Advices on general occupational hygiene

When using do not eat, drink or smoke.

7.2 Conditions for safe storage, including any incompatibilities

Requirements for storage rooms and vessels

Storage in accordance with the Ordinance on Industrial Safety and Health (BetrSiVO). Keep container tightly closed. Do not empty containers with pressure - no pressure vessel! Smoking is forbidden. Access only for authorised persons. Store carefully closed containers upright to prevent any leaks.

Hints on joint storage

Keep away from strongly acidic and alkaline materials as well as oxidizers.

Storage class LGK8B - Non-combustible corrosive substances

Further information on storage conditions

Keep container tightly closed. Smoking is forbidden. Access only for authorised persons. Store carefully closed containers upright to prevent any leaks.

7.3 Specific end use(s)

Observe technical data sheet.

SECTION 8: Exposure controls/personal protection

8.1 Control parameters

Occupational exposure limit values

CAS No.	Substance name	Source	Long-term /short-term (Spitzenbegrenzung)
1336-21-6	ammonia%	WEL	18 / 25 (-) mg/m ³
1310-58-3	caustic potash; potassium hydroxide	WEL	- / 2 (-) mg/m ³

Additional information

Long-term: Long-term occupational exposure limit value
short-term: short-term occupational exposure limit value

Biological limit values

No data available

8.2 Exposure controls

Provide good ventilation. This can be achieved with local or room suction.

Personal protection equipment

Respiratory protection

In case of inadequate ventilation wear respiratory protection.

Hand protection

Suitable material: NBR (Nitrile rubber)
Thickness of the glove material $\geq 0,4$ mm
Breakthrough time ≥ 480 min

For special purposes, it is recommended to check the resistance to chemicals of the protective gloves mentioned above together with the supplier of these gloves. Observe the instructions and details for use, storage, maintenance and replacement provided by the protective glove manufacturer. Penetration time of glove material depending on intensity and duration of exposure to skin.
Recommended glove articles: EN ISO 374

Skin protection

Barrier creams can help protecting exposed skin areas. In no case should they be used after contact.

Eye/face protection

* Eye glasses with side protection: EN 166

Body protection

When handling with chemical substances, protective clothing with CE-labels including the four control digits must be worn.

Environmental exposure controls

Do not allow to enter into surface water or drains.

SECTION 9: Physical and chemical properties

9.1 Information on basic physical and chemical properties

Physical state	Liquid
Colour	refer to label
Odour	stinging
pH	14
Melting point/freezing point	not determined
Initial boiling point and boiling range	not determined
Flash point	not determined
flammability	not applicable
Lower explosion limit at 20°C	not determined
Upper explosion limit at 20°C	not determined
Vapour pressure at 20°C	23,877 mbar

Relative vapour density	not applicable
Density at 20 °C	1,018 kg/l
Water solubility at 20°C	completely miscible
Partition coefficient: n-octanol/water	see section 12
Ignition temperature in °C	not determined
Decomposition temperature	not determined
Viscosity at 20 °C:	6.386,32 mm ² /s

9.2 Other information

not applicable

SECTION 10: Stability and reactivity

10.1 Reactivity

No specific test data related to reactivity available for this product or its ingredients.

10.2 Chemical stability

Stable when applying the recommended regulations for storage and handling. Further information on correct storage: refer to section 7.

10.3 Possibility of hazardous reactions

Keep away from strong acids, strong bases and strong oxidizing agents to avoid exothermic reactions.

10.4 Conditions to avoid

Stable when applying the recommended regulations for storage and handling. Further information on correct storage: refer to section 7. Hazardous decomposition byproducts may form with exposure to high temperatures.

10.5 Incompatible materials

No further relevant information available.

10.6 Hazardous decomposition products

- * Hazardous decomposition byproducts may form with exposure to high temperatures e.g.: Carbon dioxide (CO₂), Carbon monoxide, smoke.

SECTION 11: Toxicological information

11.1 Information on hazard classes as defined in Regulation (EC) No 1272/2008

Acute toxicity

Based on available data, the classification criteria are not met.

Orange, sweet, ext.

LD50: oral (Rat): > 5.000 mg/kg

LD50: oral (Rat): > 5.000 mg/kg

caustic potash; potassium hydroxide

LD50: oral (Rat): = 333 mg/kg; (OECD 425)

LD50: oral (Rat): = 333 mg/kg; (OECD 425)

Skin corrosion/irritation

Causes severe skin burns and eye damage.

Serious eye damage/eye irritation

Causes serious eye damage.

Respiratory or skin sensitisation

May cause an allergic skin reaction.

* **Overall Assessment on CMR properties**

Based on available data, the classification criteria are not met.

STOT-single exposure

Based on available data, the classification criteria are not met.

STOT-repeated exposure

Based on available data, the classification criteria are not met.

Aspiration hazard

Based on available data, the classification criteria are not met.

Practical experience/human evidence

Inhaling of solvent components above the MWC-value can lead to health damage, e.g. irritation of the mucous membrane and respiratory organs, as well as damage to the liver, kidneys and the central nerve system. Indications for this are: Headache, Dizziness, fatigue, amyosthenia, Dizziness, in serious cases: unconsciousness. Solvents may cause some of the aforementioned effects through skin resorption. Repeated or prolonged contact with the preparation may cause removal of natural fat from the skin resulting in non-allergic contact dermatitis and/or absorption through skin. Splashing may cause eye irritation and reversible damage.

11.2 Information on other hazards

* Endocrine disrupting properties

- * This product does not contain a substance that has endocrine disrupting properties with respect to humans as no components meets the criteria.

SECTION 12: Ecological information

12.1 Toxicity

Harmful to aquatic life with long lasting effects.

Acute (short-term) fish toxicity

Orange, sweet, ext.

LC50: (Pimephales promelas (fathead minnow)): = 0,7 mg/L (96 h)

Method: OECD 203

ammonia%

LC50: (Oncorhynchus mykiss (Rainbow trout)): = 0,89 mg/L (96 h)

caustic potash; potassium hydroxide

LC50: (Gambusia affinis (Mosquito fish)): = 80 mg/L (96 h)

caustic potash; potassium hydroxide

LC50: (Poecilia reticulata (Guppy)): 165 mg/L (24 h)

Acute (short-term) toxicity to algae and cyanobacteria

Eucalyptusöl

EC50 = 1,64 mg/L (24 h)

Orange, sweet, ext.

ErC50: (Desmodesmus subspicatus): = 150 mg/L (72 h)

Method: OECD 201

Acute (short-term) toxicity to crustacea

Eucalyptusöl

EC50 (Daphnia magna (Big water flea)): = 1,02 mg/L (24 h)

Orange, sweet, ext.

EC50 (Daphnia magna (Big water flea)): = 0,67 mg/L (48 h)

Method: OECD 202

Chronic (long-term) fish toxicity

ammonia%

LOEC: (Oncorhynchus mykiss (Rainbow trout)): = 0,022 mg/L (73 d)

ammonia%

NOEC (Oncorhynchus mykiss (Rainbow trout)): = 0,06 mg/L

Toxicity to other aquatic plants/organisms

ammonia%

LC50: (Daphnia magna (Big water flea)): = 101 mg/L (48 h)

12.2 Persistence and degradability

Orange, sweet, ext.

Biodegradation = 72 % (28 d)

12.3 Bioaccumulative potential

Partition coefficient: n-octanol/water = 3.500

Partition coefficient: n-octanol/water >= 4

12.4 Mobility in soil

No information available.

12.5 Results of PBT and vPvB assessment

The substances in the mixture do not meet the PBT/vPvB criteria according to REACH, annex XIII.

12.6* Endocrine disrupting properties

No information available.

12.7 Other adverse effects

No information available.

SECTION 13: Disposal considerations

13.1 Waste treatment methods

Product/Packaging disposal

Do not empty into drains; dispose of this material and its container in a safe way. Waste disposal according to directive 2008/98/EC, covering waste and dangerous waste.

Waste codes/waste designations according to EWC/AVV

200115* - alkalines

Other disposal recommendations

Non-contaminated packages may be recycled. Vessels not properly emptied are special waste.

SECTION 14: Transport information

14.1 UN number or ID number

UN 1760

14.2 UN proper shipping name

Land transport (ADR/RID)

* Corrosive liquid, n.o.s. (caustic potash; potassium hydroxide)

Sea transport (IMDG)

* Corrosive liquid, n.o.s. (contain caustic potash; potassium hydroxide)

Air transport (ICAO-TI / IATA-DGR)

* Corrosive liquid, n.o.s. (contain caustic potash; potassium hydroxide)

14.3 Transport hazard class(es)

Land transport (ADR/RID) 8

Sea transport (IMDG) 8

Air transport (ICAO-TI / IATA-DGR) 8

14.4 Packing group

Land transport (ADR/RID) II

Sea transport (IMDG) II

Air transport (ICAO-TI / IATA-DGR) II

14.5 Environmental hazards

Land transport (ADR/RID) not applicable

Sea transport (IMDG) not applicable

14.6 Special precautions for user

* Transport always in closed, upright and safe containers. Make sure that persons transporting the product know what to do in case of an accident or leakage.

Advices on safe handling: see parts 6 - 8

14.7 Maritime transport in bulk according to IMO instruments

No transport as bulk according to IBC Code.

14.8 Additional information

Land transport (ADR/RID)

tunnel restriction code: E

* Limited quantity (LQ): 1 Liter

Hazard identification number (Kemler No.): 80

Sea transport (IMDG)

* EmS-No.: F-A, S-B

Limited quantity (LQ): 1 Liter

Air transport (ICAO-TI / IATA-DGR)

not applicable

SECTION 15: Regulatory information

15.1 Safety, health and environmental regulations/legislation specific for the substance or mixture

EU legislation

Restrictions of occupation

Observe employment restrictions under the Maternity Protection Directive 92/85/EEC or stricter national regulations, if applicable. Observe restrictions to employment for juvenils according to the 'juvenile work protection guideline' (94/33/EC) or stricter national regulations, if applicable.

Directive 2010/75/EU on industrial emissions [Industrial Emissions Directive]

* VOC-value: 37 g/l

Directive 2012/18/EU on the control of major-accident hazards involving dangerous substances [Seveso-III-Directive]

Hazard categories / Named dangerous substances

This product is not classified according to Directive 2012/18/EU.

National regulations

* Observe in addition any national regulations!

15.2 Chemical Safety Assessment

For the following substances of this mixture a chemical safety assessment has been carried out:

	REACH No.	Substance name	CAS No. EC No.
*	01-2119978250-37-0002	Eucalyptusöl	8000-48-4 283-406-2
*	01-2119493353-35-0003	Orange, sweet, ext.	8028-48-6 232-433-8
*	01-2119488876-14-xxxx	ammonia%	1336-21-6 215-647-6
*	01-2119487136-33-xxxx	caustic potash; potassium hydroxide	1310-58-3 215-181-3

SECTION 16: Other information

List of relevant hazard statements and/or precautionary statements from sections 2 to 15

H226	Flammable liquid and vapour.
H290	May be corrosive to metals.
H302	Harmful if swallowed.
H304	May be fatal if swallowed and enters airways.
H314	Causes severe skin burns and eye damage.
H315	Causes skin irritation.
H317	May cause an allergic skin reaction.
H318	Causes serious eye damage.
H335	May cause respiratory irritation.
H400	Very toxic to aquatic life.
H411	Toxic to aquatic life with long lasting effects.

Classification for mixtures and used evaluation method according to regulation (EC) No 1272/2008 [CLP]

Eye Dam. 1	Calculation method.
Skin Corr. 1	On basis of test data.
Skin Sens. 1	Calculation method.
Aquatic Chronic 3	Calculation method.

Abbreviations and acronyms

ADR: European Agreement concerning the International Carriage of Dangerous Goods by Road

OEL: Occupational Exposure Limit Value

BLV: Biological limit values

CAS: Chemical Abstracts Service

CLP: Classification, Labelling and Packaging

CMR: Carcinogenic, Mutagenic and Reprotoxic

DIN: German Institute for Standardization / German industrial standard

DNEL: Derived No-Effect Level

EAKV: European Waste Catalogue Directive

EC: Effective Concentration

EC: European Community

EN: European Standard

IATA-DGR: International Air Transport Association – Dangerous Goods Regulations

IBC Code: International Code for the Construction and Equipment of Ships carrying Dangerous Chemicals in Bulk

ICAO-TI: International Civil Aviation Organization Technical Instructions for the Safe Transport of Dangerous Goods by Air

Safety Data Sheet
according to Regulation (EC) No. 1907/2006 (REACH)
according to Regulation (EU) 2020/878

AURO

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Version 6.1

Stripping paste
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IMDG Code: International Maritime Code for Dangerous Goods
ISO: International Organization for Standardization
LC: Lethal Concentration
LD: Lethal Dose
MWC: Maximum workplace concentration
MARPOL: Maritime Pollution: The International Convention for the Prevention of Pollution from Ships
OECD: Organisation for Economic Cooperation and Development
PBT: persistent, bioaccumulative, toxic
PNEC: Predicted No Effect Concentration
RID: Regulations concerning the International Carriage of Dangerous Goods by Rail
UN: United Nations
VOC: Volatile Organic Compounds
vPvB: very persistent and very bioaccumulative

Indication of changes

* Data changed compared with the previous version