

Verners Sko- og støvlesværtc (Neutral, Sort og Brun), Verner's Shoe and Boot Polish (Nature, Black and Brown)

SAFETY DATA SHEET

Safety data sheet according to (EC) No. 1907/2006.

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

1.1. Product identifier:

**Verners Sko- og støvlesværtc (Neutral, Sort og Brun),
Verner's Shoe and Boot Polish (Nature, Black and Brown)**

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

Maintaining polish for leather etc. For private and professional use.

1.3. Details of the supplier of the safety data sheet:

ROC Danmark

Thorslundsvej 7

Phone: +45 - 87 41 66 11

DK-5000 Odense C

H: www.roc.dk

Denmark

Responsible person for the safety data sheet (e-mail): roc@roc.dk

1.4. Emergency telephone:

UK: NHS (England or Wales): Dial 111 or 0845 4647 NHS 24 (Scotland): Dial 111

SECTION 2: Hazards identification

2.1. Classification of the substance or mixture:

Irritant polish that causes damage to organs through prolonged or repeated exposure.

CLP (1272/2008):

Skin Irrit. 2;H315 STOT RE 1;H372

2.2. Label elements:



Danger

Contain: Naphtha (petroleum), hydrotreated heavy (30-50%)

H315: Causes skin irritation.

H372: Causes damage to organs through prolonged or repeated exposure.

P210: Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking.

P260: Do not breathe vapours.

P262: Do not get in eyes, on skin, or on clothing.

EUH066: Repeated exposure may cause skin dryness or cracking.

Consumer use, add the following safety sentences:

P101: If medical advice is needed, have product container or label at hand.

P102: Keep out of reach of children.

P501: Dispose of contents/container according to national legislation.

2.3. Other hazards: None known.

PBT/vPvB: The ingredients are not considered PBT/vPvB according to criteria in Annex XIII.

SECTION 3: Composition/information on ingredients

3.2. Mixtures:

% w/w	Name	CAS	EC-no.	Index-no.	REACH reg. No.	Classification
30-50	Naphtha (petroleum), hydrotreated heavy (<0.1% Benzene)	64742-48-9	265-150-3	649-327-00-6	01-2119457273-39	Flam. Liq. 3;H226 STOT RE 1;H372 Asp. Tox 1;H304
< 3	Morpholine	110-91-8	203-815-1	613-028-00-9	01-2119496057-30	Flam. Liq. 3;H226 Acute Tox. 4;H302+H312+H332 Skin Corr. 1B;H314

Wording of hazard statements – see section 16.

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SECTION 4: First-aid measures

4.1. Description of first aid measures:

Inhalation: Remove to fresh air. Keep at rest. If needed: get medical attention.

Skin contact: Remove contaminated clothing and wash with soap and water. In case of skin irritation: Seek medical advice.

Eye contact: Flush with water or physiological salt water, holding eye lids open, remember to remove contact lenses, if any. If irritation persists: Seek medical advice

Ingestion: Rinse mouth and drink plenty of water. Keep under surveillance. If needed: seek medical advice.

4.2. Most important symptoms and effects, both acute and delayed:

Irritation of skin and eyes. Headache, drowsiness, discomfort, nausea, dizziness, vomiting, stomach ache and diarrhea.

Repeated exposure may cause skin dryness or cracking by prolonged contact with skin.

Organic solvents may cause damage to liver, kidneys and/or central nervous system (brain damage).

4.3. Indication of any immediate medical attention and special treatment needed:

In case of loss of consciousness: Call a physician or ambulance immediately. Show this safety data sheet to a physician or emergency ward.

SECTION 5: Fire-fighting measures

5.1. Extinguishing media:

Use water spray (never water jet), dry chemical, foam or carbon dioxide.

5.2. Special hazards arising from the substance or mixture:

Do not breathe smoke fumes. In case of fire, the product may form hazardous decomposition products such as oxides of carbon and nitrogen.

5.3. Advice for firefighters:

Remove containers if possible or keep them cool by spraying with water. When entering burning area: wear self-contained breathing apparatus.

SECTION 6: Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures:

Use personal protective equipment - see section 8. Remove sources of ignition. Avoid further spreading. Ventilate area of leak or spill.

6.2. Environmental precautions:

Do not empty into drains - see section 12. Inform appropriate authorities in accordance with local regulations.

6.3. Methods and material for containment and cleaning up:

Spills form a slippery surface on contact with water (risk of slip-and-fall injuries). Absorb spilled liquid with a cloth or similar. Place in a suitable container for disposal. Wash with a strong detergent. Further handling of spillage - see section 13.

6.4. Reference to other sections:

See above.

SECTION 7: Handling and storage

7.1. Precautions for safe handling:

Meticulous personal hygiene is required. Wash hands and contaminated areas with water and soap after end of work. Avoid contact with eyes. Wash hands and contaminated areas with water and mild soap after use. Provide adequate ventilation. Required access to water and eye wash fountain.

7.2. Conditions for safe storage, including any incompatibilities:

Store in a well-closed original container at normal temperatures (approximately 20°C) and stored dry.

Store securely and out of reach of unauthorized personnel and separated from food, feed, drugs etc.

7.3. Specific end use(s):

See section 1.

SECTION 8: Exposure controls/Personal protection

8.1. Control parameters:

Occupational exposure limits - **EH40/2005, with later amendments, Workplace Exposure Limits:**

Substance	8-hour TWA	15-min STEL	Comments
Aromatics	500 mg/m ³	-	Guidance value
Alkanes \geq C ₇	1200 mg/m ³	-	Guidance value
Morpholine	10 ppm = 36 mg/m ³	20 ppm = 72 mg/m ³	Sk

Sk = Can be absorbed through skin.

DNEL/PNEC: No CSR.

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SECTION 8: Exposure controls/Personal protection (continued)

8.2. Exposure controls:

Appropriate engineering controls: Provide adequate ventilation.

Personal protective equipment:

Respiratory protection: Normally not necessary. In case of inadequate ventilation: Use an approved mask with gas filter type A (Brown - for organic vapours) (EN 140). The filter has a limited lifetime and must be changed. Read the instruction.

Skin protection: Wear protective gloves (EN374) of e.g. nitrile rubber. No data available on breakthrough time, therefore, it is recommended to change the glove if spilled on.

Eye protection: Normally not necessary. Use safety goggles (EN166) when there is a risk of eye contact.

Environmental exposure controls: None.

SECTION 9: Physical and chemical properties

9.1. Information on basic physical and chemical properties:

Appearance: Solid cream in different colours

Odour: Mineral oil

Odour threshold: Not determined

pH: Not determined

Melting point (°C): Not determined

Initial boiling point and boiling range (°C): Not determined

Flash point (°C): > 60

Evaporation rate: Not determined

Flammability (solid, gas): Not relevant

Upper/lower flammability or explosive limits (vol-%): Not determined

Vapour pressure (mbar at 20 °C): Not determined

Relative density (g/ml ved 25°C): Not determined

Solubility (in water): Insoluble

Partition coefficient: n-octanol/water: Not determined

Auto-ignition temperature (°C): Not relevant

Relative density (g/ml): Not determined

Viscosity: Not determined

9.2. Other information: None relevant

SECTION 10: Stability and reactivity

10.1. Reactivity:

No available information.

10.2. Chemical stability:

Stable under normal conditions (see section 7).

10.3. Possibility of hazardous reactions:

No available information.

10.4. Conditions to avoid:

Avoid strong heating.

10.5. Incompatible materials:

Strong oxidizers.

10.6. Hazardous decomposition products:

When heated to high temperatures (decomposition) it emits toxic fumes such as oxides of carbon and nitrogen.

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SECTION 11: Toxicological information

11.1. Information on toxicological effects:

Hazard class	Data	Test	Data source
Acute toxicity:			
Inhalation	LC ₅₀ (rat) > 4 mg/l/4h (Mineral oil)	~ OECD 404	IUCLID
	LC ₅₀ (rat, vapours) = 22,2 mg/l/1h (Morpholine)	No data	IUCLID
Dermal	LD ₅₀ (rabbit) > 5000 mg/kg (Mineral oil)	~ OECD 402	IUCLID
	LD ₅₀ (rabbit) = 500 mg/kg (Morpholine)	~ OECD 402	IUCLID
Oral	LD ₅₀ (rat) > 5000 mg/kg (Mineral oil)	~ OECD 401	IUCLID
	LD ₅₀ (rat) = 1050 mg/kg (Morpholine)	No data	Literature
Corrosion/irritation:	Moderate skin irritation, rabbit (Mineral oil)	Draize	IUCLID
	No eye irritation, rabbit (Mineral oil)	~ OECD 405	IUCLID
	Corrosive, skin and eyes, rabbit (Morpholine)	No data	IUCLID
Sensitization:	Not a skin sensitizer in tests, guinea pig (Mineral oil)	Buhler	IUCLID
	Not a skin sensitizer in tests, guinea pig (Morpholine)	No data	IUCLID
CMR:	No available usable data on teratogenic or reprotoxic effects.	-	
	Carcinogenic effect of mineral oil depends on the specific production method such as the distillation and extraction.	-	
	Case studies, humans, TD _{low} = 10 mg/m ³	No data	Lund

Information on likely routes of exposure: Skin, lungs and gastrointestinal tract.

Symptoms:

Inhalation: Working in small and inadequately ventilated rooms may result in vapours causing headache, nausea and dizziness.

Skin: May cause skin irritation and degreasing of skin with redness and pain. Morpholine can be absorbed through the skin and cause symptoms as mentioned under "inhalation". Repeated exposure may cause skin dryness or cracking.

Eyes: May cause irritation with redness and pain.

Ingestion: May irritate the mucous membranes in mouth, throat and stomach with nausea, vomiting and diarrhea as well as symptoms described under "Inhalation".

Chronic effects: Organic solvents may cause damage to liver, kidneys and/or central nervous system (brain damage).

SECTION 12: Ecological information

12.1. Toxicity:

Aquatic	Data	Test (Media)	Reference
Fish	LC ₅₀ (Oncorhynchus mykiss - 96h) = 180 mg/l (Morpholine)	No data (FW)	Literature
Crustacean	EC ₅₀ (Daphnia magna - 48h) = 45 mg/l (Morpholine)	OECD 202	IUCLID
	NOEC (Daphnia magna - 21d) = 5 mg/l (Morpholine)	OECD 211	IUCLID
Algae	IC ₅₀ (Pseudokirchneriella subcapitata - 72h) = 28 mg/l (Morpholine)	No data (FW)	IUCLID
	IC ₅ (M. aeruginosa - 8d) = 1,7 mg/l (Morpholine)	No data (FW)	Literature

12.2. Persistence and degradability:

Naphtha (petroleum), hydrotreated heavy was degraded 75% in 28 days at an OECD 301F test and is considered rapidly degradable.

Morpholine was degraded 97% in 21 days at an OECD 302B test and is considered rapidly degradable.

12.3. Bioaccumulative potential:

Naphtha (petroleum), hydrotreated heavy: Log K_{ow} > 5 (calculated) - high potential for bioaccumulation.

Morpholine: Log K_{ow} < 0 (calculated) - no significant bioaccumulative effect.

12.4. Mobility in soil:

Naphtha (petroleum), hydrotreated heavy: K_{oc} (calculated) > 5000 - immobility expected in soil environment.

12.5. Results of PBT and vPvB assessment:

The ingredients are not considered PBT/vPvB according to criteria in Annex XIII.

12.6. Other adverse effects:

None known.

SECTION 13: Disposal considerations

13.1. Waste treatment methods:

The mixture is to be considered as hazardous waste. Disposal should be according to local, state or national legislation. Dispose through authority facilities or pass to a chemical disposal company.

EWC-Code:

20 01 27 (residues) 15 02 02 (Paper towel, inert material etc. contaminated with the mixture)

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SECTION 14: Transport information

Not hazardous for transportation according to ADR/RID/IMDG.

14.1. UN-no.: None.

14.2. UN proper shipping name: None.

14.3. Transport hazard class(es): None.

14.4. Packing group: None.

14.5. Environmental hazards: None.

14.6. Special precautions for user: None.

14.7. Transport in bulk according to Annex II of Marpol and the IBC Code: Not relevant.

SECTION 15: Regulatory information

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

Must not be used by persons under 18 years of age.

The employer shall assess the working conditions and, if there is any risk to the safety or health and any effects on the pregnancy or breastfeeding of workers, take the necessary measures to adjust the working conditions (Directive 92/85/EEC).

15.2. Chemical Safety Assessment:

No CSR.

SECTION 16: Other information

Hazard statements mentioned in section 3:

H226: Flammable liquid and vapour.

H302+H312+H332: Harmful if swallowed, in contact with skin or if inhaled.

H304: May be fatal if swallowed and enters airways.

H314: Causes severe skin burns and eye damage.

H315: Causes skin irritation.

H373: Causes damage to organs through prolonged or repeated exposure.

Abbreviations:

CMR = Carcinogenicity, mutagenicity and reproductive toxicity.

CSR = Chemical Safety Report

DNEL = Derived No-Effect Level

EC₅₀ = Effect Concentration 50 %

FW = Fresh Water

IC₅ = Inhibition Concentration 5 %

LC₅₀ = Lethal Concentration 50 %

LD₅₀ = Lethal Dose 50 %

NOEC = No Effect Concentration

PBT = Persistent, Bioaccumulative, Toxic

PNEC = Predicted No-Effect Concentration

TD_{low} = Lowest Toxic Dose

vPvB = very Persistent, very Bioaccumulative

Literature:

EPA Ecotox = Environmental Protection Agency

IUCLID = International Uniform Chemical Database Information

RTECS = Registry of Toxic Effects of Chemical Substances

Training advice:

No special training is required. However, the user should be well instructed in the execution of the task, be familiar with this Safety Data Sheet and have normal training in the use of personal protective equipment.

Other information:

SDS made from information made available to Alttox on the 16th of November 2018.

Changes since the previous edition:

Not relevant

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