

Safety data sheet

according to 1907/2006/EC, Article 31

Printing date 23.12.2010

Revision: 23.12.2010

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

Product identifier

Trade name: Woly Suede Velours neutral

Article number: 1524 fbl.

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

Application of the substance / the preparation

shoecare

Impregnation spray for leather

Leather care

Details of the supplier of the safety data sheet

Manufacturer/Supplier:

melvo GmbH

Voithstr.1

D-71640 Ludwigsburg

Tel.: +49(0)7141/48880-0

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Informing department: laboratory

Emergency telephone number: +49 (0) 7141 / 488 80 0

2 Hazards identification

Classification of the substance or mixture

Classification according to Directive 67/548/EEC or Directive 1999/45/EC

Xi; Irritant

R38: Irritating to skin.

F+; Extremely flammable

R12: Extremely flammable.

N; Dangerous for the environment

R51/53: Toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment.

R67: Vapours may cause drowsiness and dizziness.

Information concerning particular hazards for human and environment:

Container may burst at temperatures over 50 degrees Celsius!

The product has to be labelled due to the calculation procedure of the "General Classification guideline for preparations of the EU" in the latest valid version.

Warning! Pressurized container.

Has a narcotizing effect.

Classification system:

The classification is in line with current EC lists. It is expanded, however, by information from technical literature and by information furnished by supplier companies.

Label elements

Labelling according to EU guidelines:

The product has been classified and labelled in accordance with EC Directives / Ordinance on Hazardous Materials (GefStoffV)

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Code letter and hazard designation of product:



Xi Irritant
F+ Extremely flammable
N Dangerous for the environment

Risk phrases:

12 Extremely flammable.
38 Irritating to skin.
51/53 Toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment.
67 Vapours may cause drowsiness and dizziness.

Safety phrases:

2 Keep out of the reach of children.
16 Keep away from sources of ignition - No smoking.
23 Do not breathe fumes.
51 Use only in well-ventilated areas.
56 Dispose of this material and its container to hazardous or special waste collection point.

Special labelling of certain preparations:

Labelling in accordance with the Directive 94/1/EEC for adaption of the Aerosol Directive 75/324/EEC:

Pressurized container: protect from sunlight and do not expose to temperatures exceeding 50° C.

Do not pierce or burn, even after use -

Do not spray on a naked flame or any incandescent material. Keep away from sources of ignition - No smoking. Keep out of reach of children.

Warning! Inhaling the fumes may damage your health! Only use outside or in well ventilated area and also let articles dry outside!

Pressurized container: protect from sunlight and do not expose to temperatures exceeding 50°C.

Do not pierce or burn, even after use.

Do not spray on a naked flame or any incandescent material.

Buildup of explosive mixtures possible without sufficient ventilation.

Keep out of the reach of children

Other hazards

Results of PBT and vPvB assessment

PBT: Not applicable.

vPvB: Not applicable.

3 Composition/information on ingredients

Chemical characterization: Mixtures

Description: Active substance with propellant.

Dangerous components:

CAS: 106-97-8	butane, pure	25-50%
EINECS: 203-448-7	F+ R12	
	GHS02 Flam. Gas 1, H220; GHS04 Press. Gas, H280	

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CAS: 64742-49-0 EINECS: 265-151-9	Naphtha (petroleum), hydrotreated light Xn R65; Xi R38; F R11; N R51/53 R67 ----- GHS08 Carc. 1B, H350; Asp. Tox. 1, H304	25-50%
CAS: 67-63-0 EINECS: 200-661-7	propan-2-ol Xi R36; F R11 R67 ----- GHS02 Flam. Liq. 2, H225; GHS07 Eye Irrit. 2, H319; STOT SE 3, H336	10-25%
CAS: 74-98-6 EINECS: 200-827-9	propane liquefied F+ R12 ----- GHS02 Flam. Gas 1, H220; GHS04 Press. Gas, H280	2.5-10%
CAS: 64742-48-9 EINECS: 265-150-3	Naphtha (petroleum), hydrotreated heavy Xn R65 R10-66 ----- GHS08 Carc. 1B, H350; Asp. Tox. 1, H304	2.5-10%

Additional information For the wording of the listed risk phrases refer to section 16.

4 First aid measures

Description of first aid measures

After inhalation In case of unconsciousness bring patient into stable side position for transport.

After skin contact Instantly wash with water and soap and rinse thoroughly.

After eye contact Rinse opened eye for several minutes under running water.

After swallowing In case of persistent symptoms consult doctor.

Information for doctor

Most important symptoms and effects, both acute and delayed

No further relevant information available.

Indication of any immediate medical attention and special treatment needed

No further relevant information available.

5 Firefighting measures

Extinguishing media

Suitable extinguishing agents

CO₂, extinguishing powder or water jet. Fight larger fires with water jet or alcohol-resistant foam.

For safety reasons unsuitable extinguishing agents Water with a full water jet.

Special hazards arising from the substance or mixture

Can be released in case of fire

Carbon monoxide (CO)

Advice for firefighters

Protective equipment: No special measures required.

6 Accidental release measures

Personal precautions, protective equipment and emergency procedures

Keep away from ignition sources

Ensure adequate ventilation

Wear protective equipment. Keep unprotected persons away.

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Avoid contact with skin and eyes.

Environmental precautions:

Inform respective authorities in case product reaches water or sewage system.

Methods and material for containment and cleaning up: Ensure adequate ventilation.

Reference to other sections

See Section 7 for information on safe handling

See Section 8 for information on personal protection equipment.

See Section 13 for information on disposal.

7 Handling and storage

Handling

Precautions for safe handling

Ensure good ventilation/exhaustion at the workplace.

Open and handle container with care.

Information about protection against explosions and fires:

Do not spray on flames or red-hot objects.

Keep ignition sources away - Do not smoke.

Protect against electrostatic charges.

Beware: Container is pressurized. Keep away from direct sun exposure and temperatures over 50°C. Do not open by force or throw into fire

even after use. Keep away from sources of ignition - do not smoke!

Do not spray on a naked flame or any incandescent material

Conditions for safe storage, including any incompatibilities

Storage

Requirements to be met by storerooms and containers:

Store in cool location.

Observe official regulations on storing packagings with pressurized containers.

Information about storage in one common storage facility: Store away from foodstuffs.

Further information about storage conditions:

Keep container tightly sealed.

Do not seal container gastight.

Store in cool, dry conditions in well sealed containers.

Protect from heat and direct sunlight.

Specific end use(s) No further relevant information available.

8 Exposure controls/personal protection

Additional information about design of technical systems: No further data; see item 7.

Control parameters

Components with critical values that require monitoring at the workplace:

106-97-8 butane, pure (25-50%)

WEL	Short-term value: 1810 mg/m ³ , 750 ppm
	Long-term value: 1450 mg/m ³ , 600 ppm
	Carc (if more than 0.1% of buta-1.3-diene)

67-63-0 propan-2-ol (10-25%)

WEL	Short-term value: 1250 mg/m ³ , 500 ppm
	Long-term value: 999 mg/m ³ , 400 ppm

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Additional information: The lists that were valid during the compilation were used as basis.

Exposure controls

Personal protective equipment

General protective and hygienic measures

Keep away from foodstuffs, beverages and food.

Instantly remove any soiled and impregnated garments.

Wash hands during breaks and at the end of the work.

Do not inhale gases / fumes / aerosols.

Avoid contact with the skin.

Avoid contact with the eyes and skin.

Breathing equipment:

In case of brief exposure or low pollution use breathing filter apparatus. In case of intensive or longer exposure use breathing apparatus that is independent of circulating air.

Use breathing protection in case of insufficient ventilation.

Protection of hands:

Protective gloves.

The glove material has to be impermeable and resistant to the product/ the substance/ the preparation.

Due to missing tests no recommendation to the glove material can be given for the product/ the preparation/ the chemical mixture.

Selection of the glove material on consideration of the penetration times, rates of diffusion and the degradation

Material of gloves

The selection of the suitable gloves does not only depend on the material, but also on further marks of quality and varies from manufacturer to manufacturer. As the product is a preparation of several substances, the resistance of the glove material can not be calculated in advance and has therefore to be checked prior to the application.

Penetration time of glove material

The exact break through time has to be found out by the manufacturer of the protective gloves and has to be observed.

Eye protection: Tightly sealed safety glasses.

9 Physical and chemical properties

Information on basic physical and chemical properties

General Information

Appearance:

Form: Aerosol

Colour: Colourless

Smell: Characteristic

Odour threshold: Not determined.

pH-value: Not determined.

Change in condition

Boiling point/Boiling range: -44 °C

Flash point: -97 °C

Ignition temperature: 295 °C

Decomposition temperature: Not determined.

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Self-inflammability:	Product is not selfigniting.
Danger of explosion:	Not determined.
Critical values for explosion:	
Lower:	1.0 Vol %
Upper:	12.0 Vol %
Steam pressure at 20 °C:	85 hPa
Density at 20 °C	0.672 g/cm ³
Relative density	Not determined.
Vapour density	Not determined.
Evaporation rate	Not applicable.
Solubility in / Miscibility with	
Water:	Not miscible or difficult to mix
Segregation coefficient (n-octanol/water):	Not determined.
Viscosity:	
dynamic:	Not determined.
kinematic:	Not determined.
Solvent content:	
Organic solvents:	99.7 %
Solids content:	0.3 %
Other information	No further relevant information available.

10 Stability and reactivity

Reactivity

Chemical stability

Thermal decomposition / conditions to be avoided:

No decomposition if used according to specifications.

Possibility of hazardous reactions No dangerous reactions known

Conditions to avoid No further relevant information available.

Incompatible materials: No further relevant information available.

Hazardous decomposition products: No dangerous decomposition products known

11 Toxicological information

Information on toxicological effects

Acute toxicity:

LD/LC50 values that are relevant for classification:

64742-49-0 Naphtha (petroleum), hydrotreated light

Oral	LD50	2000 mg/kg (rat)
Dermal	LD50	2000 mg/kg (rab)
Inhalative	LC50/4 h	5 mg/l (rat)

Primary irritant effect:

on the skin: Irritant for skin and mucous membranes.

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on the eye: No irritant effect.**Sensitization:** No sensitizing effect known.**Additional toxicological information:**

The product shows the following dangers according to the calculation method of the General EC Classification Guidelines for Preparations as issued in the latest version:

Irritant

12 Ecological information

Toxicity**Acquatic toxicity:** No further relevant information available.**Persistence and degradability** No further relevant information available.**Behaviour in environmental systems:****Bioaccumulative potential** No further relevant information available.**Mobility in soil** No further relevant information available.**Ecotoxicological effects:****Remark:** Toxic for fish**Additional ecological information:****General notes:**

Water hazard class 1 (Self-assessment): slightly hazardous for water.

Do not allow undiluted product or large quantities of it to reach ground water, water bodies or sewage system.

Also poisonous for fish and plankton in water bodies.

Toxic for aquatic organisms

Results of PBT and vPvB assessment**PBT:** Not applicable.**vPvB:** Not applicable.**Other adverse effects** No further relevant information available.

13 Disposal considerations

Waste treatment methods**Recommendation**

Must not be disposed of together with household garbage. Do not allow product to reach sewage system.

Uncleaned packagings:**Recommendation:** Non contaminated packagings can be used for recycling.

14 Transport information

Land transport ADR/RID and GGVS/GGVE (cross-border/domestic)**ADR/RID-GGVS/E Class:** 2 5F Gases.**Kemler Number:** -**UN-Number:** 1950

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Packaging group: -
Label 2.1
Special marking: Symbol (fish and tree)
UN proper shipping name:
Tunnel restriction code D

Maritime transport IMDG/GGVSea:



IMDG/GGVSea Class: 2.1
UN Number: 1950
Label 2.1
Packaging group: -
EMS Number: F-D,S-U
Marine pollutant: Yes
Correct technical name: AEROSOLS

Air transport ICAO-TI and IATA-DGR:



ICAO/IATA Class: 2.1
UN/ID Number: 1950
Label 2.1
Packaging group: -
Correct technical name: AEROSOLS, flammable

Special precautions for user Warning: Gases.

Transport in bulk according to Annex II of MARPOL73/78 and the IBC Code Not applicable.

15 Regulatory information

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

National regulations

Technical instructions (air):

Class	Share in %
III	35.9
NK	63.8

Water hazard class: Water hazard class 1 (Self-assessment): slightly hazardous for water.

Chemical safety assessment: A Chemical Safety Assessment has not been carried out.

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16 Other information

These data are based on our present knowledge. However, they shall not constitute a guarantee for any specific product features and shall not establish a legally valid contractual relationship.

Relevant phrases

- H220 Extremely flammable gas.
- H225 Highly flammable liquid and vapour.
- H280 Contains gas under pressure; may explode if heated.
- H304 May be fatal if swallowed and enters airways.
- H319 Causes serious eye irritation.
- H336 May cause drowsiness or dizziness.
- H350 May cause cancer.
-
- R10 Flammable.
- R11 Highly flammable.
- R12 Extremely flammable.
- R36 Irritating to eyes.
- R38 Irritating to skin.
- R51/53 Toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment.
- R65 Harmful: may cause lung damage if swallowed.
- R66 Repeated exposure may cause skin dryness or cracking.
- R67 Vapours may cause drowsiness and dizziness.

Department issuing data specification sheet: laboratory

Contact: Dr. W. Herrmann