

MATERIAL SAFETY DATA SHEET
SHOW SUEDE & NUBUCK
RENOVATOR SPRAY

According to Regulation (EU) No 2015/850

Revision Date 02.05.2019
Revision 1.0
Supersedes date 02.05.2019
Form no. 001-EN

SECTION 1: IDENTIFICATION OF THE SUBSTANCE/MIXTURE AND OF THE COMPANY/UNDERTAKING

1.1. Product identifier

Product name SHOW SUEDE&NUBUCK RENOVATOR SPRAY

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

Identified uses AEROSOL RENOVATOR FOR SUEDE & NUBUCK SHOES, BOOTS AND ACCESORIES.

1.3. Details of the supplier of the safety data sheet

Manufacturer / Supplier BURHANOĐULLARI KİMYA A.Ő.
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SECTION 2: HAZARDS IDENTIFICATION

2.1. Classification of the substance or mixture

Classification (EC 1272/2008)

Physical and Chemical Hazards	Aerosol 1 - H222. H229.
Human health	Eye Irrit. 2 - H319;STOT SE 3 - H336.
Environment	Not classified.

2.2. Label elements

Label In Accordance With (EC) No. 1272/2008

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Revision Date 02.05.2019
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Form no. 001-EN



Signal Word

Danger

Contains

Propan-2-ol;

Hazard Statements

H319 Causes serious eye irritation
H220 Extremely flammable gas.
H225 Highly flammable liquid and vapor.
H229 Pressurized container: may burst if heated.
H336 May cause drowsiness or dizziness.

Precautionary Statements

P102 Keep out of reach of children.
P210 Keep away from heat/sparks/open flames/hot surfaces. - No smoking.
P211 Do not spray on an open flame or other ignition source.
P251 Pressurized container: Do not pierce or burn, even after use.
P260 Do not breathe spray.
P305+351+338 IF IN EYES: Rinse cautiously with water for several minutes.
Remove contact lenses, if present and easy to do. Continue rinsing.
P410+P412 Protect from sunlight. Do not expose to temperatures exceeding 50 °C/122°F.
P501 Dispose of contents/container in accordance with national regulations.

2.3. Other hazards

This product does not contain any PBT or vPvB substances.

Additional Information

Keep out of reach of children

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SECTION 3: COMPOSITION/INFORMATION ON INGREDIENTS

3.2. Mixtures

Name	Cas No	Ec No	%	Classification (EC 1272/2008)
Propan-2-ol	67-63-0	200-661-7	50-60 %	Flam. Liq. 2 - H225 Eye Irrit. 2 - H319 STOT SE 3 - H336
Propane	74-98-6	200-827-9	20-30 %	Flam. Gas 1 – H220
butane	106-97-8	203-448-7	20-30 %	Alev.Gaz 1 H220 Basınç Gaz (*)H350 Kans. 1A H340 Muta. 1B

The Full Text for all Hazard Statements are Displayed in Section 16.

Composition Comments

- The data shown are in accordance with the latest EC Directives.
- See section 8 for WEL

SECTION 4: FIRST AID MEASURES

4.1.General information

General information

Get medical attention if any discomfort continues

Inhalation

No adverse effects are expected under normal conditions. Move the exposed person to fresh air at once. Get medical attention if any discomfort continues.

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Revision Date 02.05.2019
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Form no. 001-EN

Ingestion

Do not induce vomiting. Never give liquid to an unconscious person. Get medical attention if any discomfort continues. Contact physician if larger quantity has been consumed.

Skin contact

Wash the skin immediately with soap and water. Get medical attention if irritation persists after washing.

Eye contact

Make sure to remove any contact lenses from the eyes before rinsing. Promptly wash eyes with plenty of water while lifting the eye lids. Continue to rinse for at least 15 minutes. Get medical attention if any discomfort continues

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

Inhalation : Headache. Dizziness. Drowsiness.

Ingestion : Nausea, vomiting.

Skin contact : None known.

Eye contact : Irritation. May cause redness and/or tearing.

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

Treat Symptomatically.

SECTION 5: FIREFIGHTING MEASURES

5.1. Extinguishing media

Extinguishing media : Foam. Carbon dioxide (CO₂). Dry chemicals, sand, dolomite etc.

Unsuitable extinguishing media : Direct water jet

5.2. Special hazards arising from the substance or mixture

Unusual Fire & Explosion Hazards

Aerosol cans may explode in a fire.

Specific hazards

When heated and in case of fire, toxic vapours/gases may be formed. Fire creates: Carbon monoxide (CO). Carbon dioxide (CO₂).

5.3. Advice for firefighters

Special Fire Fighting Procedures

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SHOW SUEDE & NUBUCK
RENOVATOR SPRAY

According to Regulation (EU) No 2015/850

Revision Date 02.05.2019
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Form no. 001-EN

Avoid breathing fire vapours. Keep run-off water out of sewers and water sources. Dike for water control. If risk of water pollution occurs, notify appropriate authorities. Water spray should be used to cool containers.

Protective equipment for fire-fighters

Self contained breathing apparatus and full protective clothing must be worn in case of fire. Face mask, protective gloves and safety helmet

SECTION 6: ACCIDENTAL RELEASE MEASURES

6.1. Personal precautions, protective equipment and emergency procedures

Wear protective clothing as described in Section 8 of this safety data sheet. Do not smoke, use open fire or other sources of ignition. Avoid inhalation of spray mist and contact with skin and eyes. In case of spills, beware of slippery floors and surfaces.

6.2. Environmental precautions

Do not discharge into drains, water courses or onto the ground.

6.3. Methods and material for containment and cleaning up

Large Spillages: Wear necessary protective equipment. Remove sources of ignition. Surround spill. Ventilate well. Absorb in vermiculite, dry sand or earth and place into containers. Do not contaminate water sources or sewer. Inform Authorities if large amounts are involved.

Small Spillages: Absorb spillage with non-combustible, absorbent material. Ventilate. Transfer to a container for disposal.

6.4. Reference to other sections

For personal protection, see section 8.

See section 11 for additional information on health hazards.

For waste disposal, see section 13.

SECTION 7: HANDLING AND STORAGE

7.1. Precautions for safe handling

Avoid contact with skin and eyes. Read and follow manufacturer's recommendations. Good personal hygiene is necessary. Wash hands and contaminated areas with water and soap before leaving the work site. Do not eat, drink or smoke when using the product. Observe good chemical hygiene practices. During application and drying, solvent vapours will be emitted. Container must be kept tightly closed. Protect against direct sunlight.

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SHOW SUEDE & NUBUCK
RENOVATOR SPRAY

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Revision Date 02.05.2019
Revision 1.0
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Form no. 001-EN

7.2. Conditions for safe storage, including any incompatibilities

Aerosol cans: Must not be exposed to direct sunlight or temperatures above 50°C. Store in tightly closed original container in a dry and cool place. Keep away from food, drink and animal feeding stuffs. Keep away from heat, sparks and open flame. Protect from direct sunlight.

Store away from: Oxidising material.

7.3. Specific end use(s)

The identified uses for this product are detailed in Section 1.2.

SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION

8.1. Control

parameters

Name	Standard	TWA 8 hrs		STEL -15 min		Notes
butane	WEL	150 ppm	724 mg/m ³	200 ppm	966 mg/m ³	
Propane	WEL	1000 ppm	1800 mg/m ³			
Propan-2-ol	WEL	400 ppm	999 mg/m ³	500 ppm	1250 mg/m ³	

WEL =

Workplace

Exposure Limit.

8.2. Exposure controls

Process conditions



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SHOW SUEDE & NUBUCK
RENOVATOR SPRAY

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Revision Date 02.05.2019
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Form no. 001-EN

Engineering measures

Provide adequate general and local exhaust ventilation.

Respiratory equipment

No specific recommendation made, but respiratory protection must be used if the general level exceeds the recommended occupational exposure limit.

Hand protection

Use protective gloves. Use protective gloves made of: Gloves of nitrile rubber, PVA or Viton are recommended. The most suitable glove must be chosen in consultation with the gloves supplier, who can inform about the breakthrough time of the glove material.

Eye protection

Wear approved safety goggles.

Other Protection

Wear appropriate clothing to prevent any possibility of liquid contact and repeated or prolonged vapour contact.

Hygiene measures

DO NOT SMOKE IN WORK AREA! When using do not eat, drink or smoke. Wash hands at the end of each work shift and before eating, smoking and using the toilet. Wash promptly with soap & water if skin becomes contaminated. Promptly remove any clothing that becomes contaminated. Isolate contaminated clothing and wash before reuse.

Skin protection

Wear apron or protective clothing in case of contact.

SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

9.1. Information on basic physical and chemical properties

Appearance	aerosol
Color	in various colors
Odor	characteristic
Solubility	insoluble
Initial boiling point and boiling range	no information available
Melting point (° C)	Not available

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SHOW SUEDE & NUBUCK
RENOVATOR SPRAY

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Revision Date 02.05.2019
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Form no. 001-EN

Evaporation rate	Not available
Ph Value	5.0 - 8.0 (20 ° C)
Viscosity	Not available.
Flash point	<21 ° C
Autoignition Temperature	> 350 °C
Density ~	0.70 g / ml (20 ° C)
Freezing point data	not available
Vapor Pressure	Not available

9.2. Other information

No information required

SECTION 10: STABILITY AND REACTIVITY

10.1. Reactivity

No information available..

10.2. Chemical stability

Stable under normal temperature conditions and recommended use. Stable under the prescribed storage conditions.

10.3. Possibility of hazardous reactions

Unknown

10.4. Conditions to avoid

Avoid contact with acids and oxidising substances. Avoid exposure to high temperatures or direct sunlight. Keep away from sources of ignition.

10.5. Incompatible materials

Materials To Avoid

Strong acids. Strong oxides..

10.6. Hazardous decomposition products

Fire creates: Carbon monoxide (CO). Carbon dioxide (CO2).

SECTION 11: TOXICOLOGICAL INFORMATION

11.1. Information on toxicological effects

MATERIAL SAFETY DATA SHEET
SHOW SUEDE & NUBUCK
RENOVATOR SPRAY

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Revision Date 02.05.2019
Revision 1.0
Supersedes date 02.05.2019
Form no. 001-EN

Toxicological information

No data recorded.

Skin irritation / corrosion

No data available.

Serious eye damage/irritation:

Eye irritation.

Respiratory or skin sensitisation:

No sensitizing effects known.

Germ cell mutagenicity:

Genotoxicity - In Vitro

Not available.

Genotoxicity - In Vivo

Not available.

Carcinogenicity:

Not available.

Reproductive Toxicity:

Reproductive Toxicity - Fertility

Not available.

Reproductive Toxicity - Development

Not available.

Specific target organ toxicity - single exposure:

STOT - Single exposure

Not available.

Specific target organ toxicity - repeated exposure:

STOT - Repeated exposure

Not available.

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RENOVATOR SPRAY

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Revision Date 02.05.2019
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Form no. 001-EN

Inhalation

Prolonged inhalation of high concentrations may damage respiratory system. May cause drowsiness and dizziness.

Ingestion

May cause discomfort if swallowed. Nausea, vomiting.

Toxicological information on ingredients

Propane (CAS: 74-98-6)

TOXIC CONC.– LC 50 >800.000 ppm/15 min. (inh.- rat)

propan-2-ol (CAS: 67-63-0)

TOXIC DOSE 1 – LD 50 4396 mg/kg (oral- rat)

TOXIC DOSE 2 – LD 50 12800 mg/kg (dermal-rabbit)

TOXIC CONC.– LC 50 72.6 mg/l/4h (inh.- rat)

SECTION 12: ECOLOGICAL INFORMATION

Ecotoxicity

The product components are not classified as environmentally hazardous. However, this does not exclude the possibility that large or frequent spills can have a harmful or damaging effect on the environment.

12.1. Toxicity No data available for product.

	<u>propan-2-ol (CAS: 67-63-0)</u>	
LC 50, 96 HRS., FISH	11130 mg/L	Pimephales promelas
	9640 mg/L	Pimephales promelas
	> 1400000 µg/L	Lepomis macrochirus
EC 50, 48 HRS., DAPHNIA	13299 mg/l	
IC 50,72 HRS., ALGAE	>1000 mg/l	Desmodesmus subspicatus

12.2. Persistence and degradability

Degradability

There are no data on the degradability of this product.

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12.3. Bioaccumulative potential

Bioaccumulative potential

No data available on bioaccumulation.

Partition coefficient

Not available.

12.4. Mobility in soil

Mobility:

The product contains volatile organic compounds (VOC) which will evaporate easily from all surfaces.

12.5. Results of PBT and vPvB assessment

This product does not contain any PBT or vPvB substances.

12.6. Other adverse effects

No information required.

SECTION 13: DISPOSAL CONSIDERATIONS

General information

When handling waste, consideration should be made to the safety precautions applying to handling of the product.

13.1. Waste treatment methods

Dispose of waste and residues in accordance with local authority requirements. Environmental manager must be informed of all major spillages

SECTION 14: TRANSPORT INFORMATION

14.1. UN number

UN No. (ADR/RID/ADN) 1950

UN No. (IMDG) 1950

UN No. (ICAO) 1950

14.2. UN proper shipping name

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SHOW SUEDE & NUBUCK
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Revision Date 02.05.2019
Revision 1.0
Supersedes date 02.05.2019
Form no. 001-EN

Proper Shipping Name AEROSOLS

14.3. Transport hazard class(es)

ADR/RID/ADN Class 2.1
ADR/RID/ADN Class Class 2: Gases
ADR Label No . 2.1
IMDG Class 2.1
ICAO Class/Division 2.1

Transport Labels

14.4. Packing group

Not applicable.

14.5. Environmental hazards

Environmentally Hazardous Substance/Marine Pollutant

No.

14.6. Special precautions for user

EMS F-D, S-U
Tunnel Restriction Code (D)

14.7. Transport in bulk according to Annex II of MARPOL73/78 and the IBC Code

Not applicable.

SECTION 15: REGULATORY INFORMATION

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

Approved Code Of Practice

Classification and Labelling of Substances and Preparations Dangerous for Supply.

Safety Data Sheets for Substances and Preparations

Guidance Notes

Workplace Exposure Limits EH40. CHIP for everyone HSG(108).

EU Legislation

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SHOW SUEDE & NUBUCK
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Revision Date 02.05.2019
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Regulation (EC) No 1272/2008 of the European Parliament and of the Council of 16 December 2008 on classification, labelling and packaging of substances and mixtures, amending and repealing Directives 67/548/EEC and 1999/45/EC, and amending Regulation (EC) No 1907/2006 with amendments.

15.2. Chemical Safety Assessment

No chemical safety assessment has been carried out.

SECTION 16: OTHER INFORMATION

Abbreviations and acronyms used in the safety data sheet

ADR: European Agreement on International Carriage of Dangerous Goods by Road.

ADN: European Agreement on the International Carriage of Dangerous Goods by Inland Waterways.

RID: European Agreement on International Carriage of Dangerous Goods by Rail.

IATA: International Air Transport Association.

ICAO-TI: Technical Specification for Safe Transport of Dangerous Goods by Air.

IMDG: International Maritime Dangerous Goods.

TWA: Time weighted average

STEL: Short Term Exposure Limit

ATE: Estimated value of acute toxicity

EC No: European Community number

CAS: Chemical Theory Service.

LD50: Substance that causes 50% (half) death in the test animals group (Median Fatal Dose).

LC50: Substance concentration causing 50% (half) death in the test animals group.

EC50: Effective Concentration of the substance causing the maximum of 50%.

PBT: Persistent, Bioaccumulative and Toxic substance.

vPvB: Very Permanent, Very Biofriendly.

SEA: Classification, labeling, packaging regulation

DNEL: Derivative Inactive Level

PNEC: Estimated Unaffected Concentration

BHOT: Specific Target Organ Toxicity

Revision Comments

Revised in compliance with current regulations.

Hazard Statements In Full

H220 Extremely flammable gas.

H222 Extremely flammable aerosol.

H225 Highly flammable liquid and vapour.

H229 Pressurized container: may burst if heated.

MATERIAL SAFETY DATA SHEET
SHOW SUEDE & NUBUCK
RENOVATOR SPRAY

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Revision Date 02.05.2019
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H319 Causes serious eye irritation.
H336 May cause drowsiness or dizziness.
EUH066 Repeated exposure may cause skin dryness or cracking.

The data given here is based on current knowledge and experience. This Safety Data Sheet does not provide any guarantee of the properties of the product. The data given here only applies when product used for proper application. The product is not sold as suitable for other applications Use in such a condition may cause risks not mentioned in this list. Do not use for other application without consulting the manufacturer.

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