

## Safety Data Sheet according to EC-Regulation 91/155/EEC

### 1. Identification of the substance/preparation and of the company/undertaking

#### Identification of the substance or preparation

#### SEBO duo-P

#### Use of the substance/preparation

Carpet cleaner

#### Company/undertaking identification

Stein & Co. GmbH, Wülfrather Str. 47-49, D -42553 Velbert  
Telephone 02053/8981, Fax 02053/8985

#### Emergency telephone / Office for advice

#### Advisory office in case of poisoning:

+49 30 / 19240

#### Telephone number of the company in case of emergencies:

Tel.

### 2. Composition/information on ingredients

Gen. description:

Base material coated with surfactant-enriched acrylate dispersion

2.1 Chemical name	content %	symbol	R-phrases	EINECS, ELINCS
Propan-2-ol	1 -< 15	F/Xi	11-36-67	200-661-7

For complete wording of the R-phrases, refer to point 16.

### 3. Hazards identification

#### 3.1 To people

See point 11 and 15.

Preparation is not classified as hazardous in the sense of directive 1999/45/EC.

#### 3.2 To the environment

See point 12.

### 4. First aid measures

#### 4.1 Inhalation

Supply person with fresh air and consult doctor according to symptoms.

#### 4.2 Eye contact

Wash thoroughly for several minutes using copious water. Seek medical help if necessary.

#### 4.3 Skin contact

Wash thoroughly with soap and copious water - remove contaminated clothing immediately. If skin irritation occurs (redness etc.), consult doctor.

#### 4.4 Ingestion

Consult doctor immediately - keep Data Sheet available.

#### 4.5 Special resources necessary for first aid

n.g.

### 5. Fire-fighting measures

#### 5.1 Suitable extinguishing media

Cool container at risk with water.

Dry extinguisher

Alcohol resistant foam

Water jet spray

#### 5.2 Extinguishing media which must not be used for safety reasons

n.g.

**5.3 Special exposure hazards arising from the substance or preparation itself, combustion products, resulting gases**

In case of fire the following can develop:

Gases hazardous to health

**5.4 Special protective equipment for fire-fighters**

Protective respirator with independent air supply

**5.5 Further information**

Dispose of contaminated extinction water according to official regulations.

**6. Accidental release measures**

Refer to point 13. and for personal protection refer to point 8.

**6.1 Personal precautions**

Ensure sufficient supply of air.

Avoid contact with eyes.

Remove possible causes of ignition - do not smoke.

**6.2 Environmental measures**

Prevent from entering drainage system.

If leakage occurs, dam up.

**6.3 Methods for cleaning up**

Collect mechanically and dispose of according to point 13.

**7. Handling and storage****7.1 Handling****Tips for safe handling:**

See point 6.1

Observe directions on label and instructions for use.

Ensure good ventilation.

Keep away from sources of ignition - Do not smoke.

**7.2. Storage****Requirements for storage rooms and containers:**

Not to be stored in gangways or stair wells.

Store products only unopened, in original packing.

**Special storage conditions:**

See point 10.2

**8. Exposure controls/personal protection**

Ensure good ventilation. This can be achieved by local suction or general air extraction.

If this is insufficient to maintain the concentration under the WEL or AG values, suitable breathing protection should be worn.

Applies only if maximum permissible exposure values are listed here.

Chemical Name	Propan-2-ol	
WEL-TWA: 400 ppm (999 mg/m <sup>3</sup> )	WEL-STEL: 500 ppm (1250 mg/m <sup>3</sup> )	---
BMGV: ---	Other information: ---	
Chemical Name	general dust limit	
WEL-TWA: 10 mg/m <sup>3</sup> (inhal. dust), 4 mg/m <sup>3</sup> (respir. dust)	WEL-STEL: ---	---
BMGV: ---	Other information: ---	

⊗ WEL-TWA = Workplace Exposure Limit - Long-term exposure limit (8-hour TWA (= time weighted average) reference period) EH40. AG = "Arbeitsplatzgrenzwert" (workplace limit value, Germany). | WEL-STEL = Workplace Exposure Limit - Short-term exposure limit (15-minute reference period). | BMGV = Biological monitoring guidance value EH40. BG = "Biologischer Grenzwert" (biological limit value, Germany) | Other information: Sen = Capable of causing occupational asthma. Sk = Can be absorbed through skin. Carc = Capable of causing cancer and/or heritable genetic damage.

8.1 Respiratory protection:

Normally not necessary.

If the general dust-limit is exceeded, breathing masks with fine-dust filters are necessary (EN 143).

8.2 Hand protection:

Recommended

If applicable

Protective Neopren gloves (EN 374).

Protective nitrile gloves (EN 374)

Permeation time (penetration time) in minutes:

&gt; 480

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8.3 Eye protection: Normally not necessary.

With danger of contact with eyes

Tight fitting protective goggles with side protection (EN 166).

8.4 Skin protection:

Protective working garments (e.g. safety shoes EN 344, long-sleeved protective working garments)

Additional information on hand protection - No tests have been performed.

Selection made for preparations according to the best available knowledge and information on the ingredients.

Selection of materials derived from glove manufacturer's indications.

Final selection of glove material must be made taking the breakthrough times, permeation rates and degradation into account.

Selection of a suitable glove depends not only on the material but also on other quality characteristics and varies from manufacturer to manufacturer.

In the case of preparations the resistance of glove materials cannot be calculated in advance so it has to be tested before use. The exact breakthrough time of the glove material can be requested from the protective glove manufacturer and must be observed.

## 9. Physical and chemical properties

Physical state:	Solid, powder
Colour:	Yellow
Odour:	Perfumed
pH-value undiluted:	Not detected
Boiling point/range (°C):	Not specified
Melting point/range (°C):	Not detected
Flammability (solid/gas):	Not detected
Minimum limit of explosion:	Not detected
Maximum limit of explosion:	Not detected
Bulk density:	192 kg/m <sup>3</sup> DIN 53912
Solubility in water:	Insoluble
VOC:	11,57%

## 10. Stability and reactivity

### 10.1 Conditions to avoid

See point 7

Strong heat

### 10.2 Materials to avoid

See point 7

Protect from humidity.

Avoid contact with other chemicals.

### 10.3 Hazardous decomposition products

See point 5.3

## 11. Toxicological information

### 11.1 Acute toxicity and immediate effects

Ingestion, LD50 rat oral (mg/kg): n.v.

Inhalation, LC50 rat inhal.(mg/l/4h): n.v.

Skin contact, LD50 rat dermal (mg/kg): n.v.

Eye contact: n.v.

### 11.2 Delayed and chronic effects

Sensitization: n.g.

Carcinogenicity: n.g.

Mutagenicity: n.g.

Reproductive toxicity: n.g.

Narcosis: n.g.

### 11.3. Further information

No classification according to calculation procedure.

The following may occur:

Irritation of the eyes

Vapours may cause drowsiness and dizziness

## 12. Ecological information

Water hazard class (Germany):

1

Self classification:

Yes (VwVwS)

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Persistence and degradability: Contained surfactants are &gt;90% biodegradable.

&gt; 99,9% OECD 303A \*

\* Propan-2-ol

The surfactant(s) contained in this preparation complies(comply) with the biodegradability criteria as laid down in Regulation (EC) No.648/2004 on detergents.

Behaviour in sewage plants:

Problems not expected when used correctly.

Aquatic toxicity:

n.v.

Ecological toxicity:

n.v.

### 13. Disposal considerations

#### 13.1. for the material / preparation / residue

EC disposal code no.:

The waste codes are recommendations based on the scheduled use of this product.

Owing to the user's specific conditions for use and disposal, other waste codes may be allocated under certain circumstances.

07 06 99 wastes not otherwise specified

07 01 99 wastes not otherwise specified

20 01 29 detergents containing dangerous substances

Recommendation:

Pay attention to local and national official regulations

E.g. suitable incineration plant.

E.g. dispose at suitable refuse site.

#### 13.2 for contaminated packing material

See point 13.1

Pay attention to local and national official regulations

Recommendation:

Dispose using dual system.

15 01 01 paper and cardboard packaging

15 01 02 plastic packaging

### 14. Transport information

#### General statements

UN-Number: n.a.

#### Road/Rail-transport (ADR/RID)

Class/packing-group: n.a.

Classification code: n.a.

LQ: n.a.

#### Transport by sea

IMDG-code: n.a. (class/packing-group)

Marine Pollutant: n.a.

#### Transport by air

IATA: n.a. (class/secondary danger/packing-group)

#### Additional information:

Non-dangerous material according to Transport Regulations.

### 15. Regulatory information

#### Classification according to Dangerous Product Regulations incl. EC Directives (67/548/EEC and 1999/45/EC)

Symbols: Not applicable

Indications of danger:

R-phrases:

S-phrases:

Additions:

Safety data sheet available for professional user on request.

Observe restrictions: n.a.

### 16. Other information

These details refer to the product as it is delivered.

Storage class VCI (Germany): 11-13

Revised points: 2, 3, 5, 8, 9, 12, 15

The following phrases represent the prescribed R-phrases for the ingredients (designated in point 2).

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11 Highly flammable.

36 Irritating to eyes.

67 Vapours may cause drowsiness and dizziness.

### Legend:

n.a. = not applicable / n.v., k.D.v. = not available / n.g. = not checked

OES = Occupational exposure standard / MEL = Maximum exposure limit / BMGV = Biological monitoring guidance value

AG = "Arbeitsplatzgrenzwert" (workplace limit value, Germany) / BG = "Biologischer Grenzwert" (biological limit value, Germany)

VbF = Regulations for flammable liquids (Austria)

WGK = water hazard class (Germany) - WGK 3 = very hazardous, WGK 2 = hazardous, WGK 1 = slightly hazardous to water

VOC = Volatile organic compounds / AOX = Adsorbable organic halogen compounds

VwVwS = Administrative Order relating to substances hazardous to water (Germany)

The statements made here should describe the product with regard to the necessary safety precautions - they are not meant to guarantee definite characteristics - but they are based on our present up-to-date knowledge.

No responsibility.

These statements were made by:

**Chemical Check GmbH, Beim Staumberge 3, D-32839 Steinheim, Tel.: 01805-CHEMICAL / 01805-243 642, Fax: 05233-941790**

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