

Item number.: 3731 Muschert Protector GR-650 DE
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1. Identification of the substance or preparation and of the company

Article no. (Manufacturer / supplier): 3731
Identification of the substance or preparation: Muschert Protector GR-650
Use of the substance / preparation:
For the removal of graffiti from solvent resistant surfaces.

Identification of the manufacturer / supplier

Muschert surface technology

Burgweg2

D-07334 Kamsdorf

Technical support: Lab - Application Technology

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2. Hazards

Identification of danger:

Of special hazards for human and environment

10 Flammable.

67 Vapours may cause drowsiness and dizziness.

3. Composition / information on ingredient

Chemical characterization (preparation)

Description: Lösemittel-/Tensid-Gemisch

Hazardous Ingredients:

EC-No.: CAS-No.:	Identification of the hazard: R-phrases: REACH No:	identification (67/548/EEC or 1999/45/EC Comment:	Weight -%
203-539-1 107-98-2	1-Methoxy-2-propanol 10-67		10-25
203-539-1 108-65-6	2- Methoxy-1-methylethylacetat 10		10-25
209-406-4 577-11-7	Natriumdiisooctylsulfosuccinat 38-41	Xi	< 2,5
9002-92-0	Laurylalkohol, ethoxiliert 22-41-50	Xn,N	< 2,5

Additional information

Fabric with a common (EC) occupational exposure in the workplace.

Labelling for contents according to regulation (EC) No 648/2004, annex 7:

< 5 % nichtionische Tenside

< 5 % anionische Tenside

4. First aid measures

General notes: Ingestion: If symptoms persist or in all cases of doubt seek medical advice. In case of unconsciousness give nothing by mouth administer, place in the recovery position and seek medical advice.

Inhalation :Move victim to fresh air. Put victim at rest and keep warm. If breathing is irregular or Breathing has stopped, administer artificial respiration. Case of unconsciousness give nothing by mouth, place in recovery position

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seek and seek medical advice.

After skin contact:

After contact with skin, wash immediately with plenty of water and soap bar. Contaminated soaked clothing immediately ausziehen. Keine use solvents or thinners.

After eye contact:

IF IN EYES: Rinse cautiously for several minutes with water. Remove contact lenses after Remove option. Continue rinsing. Seek medical advice.

After swallowing:

If swallowed, rinse mouth with water (only if the person is conscious). Doctor immediately konsultieren. Betroffenen keep quiet. Do not induce vomiting.

5. Fire fighting measures

Suitable extinguishing media:

alcohol-resistant Schaum. Kohlendioxid, powder, water.

For safety reasons unsuitable extinguishing agents:

Strong water jet.

Special exposure hazards arising from substance or preparation itself, combustion products, resulting gases:

In Fire will produce dense black smoke. Exposure to decomposition products may cause a Cause a health hazard.

Special protective equipment for firefighters:

Keep respiratory protective device.

Additional information:

Closed containers exposed to fire cool with water. Prevent fire extinguishing water into drains, soil or Allow to enter waters.

6. Accidental release measures

Personal precautions

Keep away from sources of ignition. Ventilate affected area. Vapors not einatmen. Siehe protective measures under point 7 and 8

Measures for environmental protection

Do not discharge into drains or rivers. If the product contaminates lakes, rivers or sewers inform the appropriate authorities in accordance with local regulations.

cleaning methods

Isolate leaked material using non-flammable absorption agent (eg sand, earth, vermiculite or diatomaceous earth) and Disposal according to local regulations for appropriate containers (see Chapter 13). Clean using cleansing agents perform, the use of solvents.

7. Handling and storage

Handling

Advice on safe handling

The creation of flammable or explosive concentrations of vapor in air and avoid the Avoid occupational exposure limits. Only use the material in places where open light, fire and other Sources of ignition. Electrical equipment must be protected meeting the accepted standard. The material may charge electrostatically. During refilling exclusively use earthing leads. Operators should wear antistatic Clothing including shoes are recommended. Use spark-proof tools. Avoid contact with eyes and Avoid skin. Do not breathe vapors or spray mist. Avoid respiration of swarf. When not using eat, drink or smoke. Personal protective equipment: refer to chapter 8 health and safety follow.

Information about fire and explosion protection:

Solvent vapors are heavier than air and may spread along floors. Explosive vapors with air Mixtures.

Storage

Requirements for storage rooms and vessels:

Storage in accordance with the BetrSiVO tightly closed. Do not place containers with Empty pressure - no pressure vessel! No Smoking. Prevent unauthorized access to the. container carefully

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closed containers upright to prevent any leaks need to verhindern. Böden the" Guidelines for the avoidance of Ignition due to electrostatic charges (BGR 132)" correspond.

Advice on storage compatibility

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

Further information on storage conditions

Use only receptacles specifically permitted for the product. Instructions on the label. In well-ventilated and dry room at temperatures between 15 ° C and 35 ° C. Store. Protect from heat and direct sunlight. of Keep ignition sources away.

8. Limiting and monitoring exposure / personal protective equipment

Technical measures to prevent exposure

Ensure good ventilation. This can be achieved with local or room suction. If the solvent concentration beyond the occupational exposure limit they suitable for this purpose, suitable respiratory protective equipment must be worn be.

Additional information

The stated values are valid at the time of preparation 900 or VCI Workplace Exposure Limit table removed.

TWA (EC): Occupational exposure limit

STEL (EC): Short term occupational exposure limit

Personal protective equipment

Respiratory protection:

If workers are exposed to concentrations above the occupational exposure limit, they must be designed for this purpose, approved Respiratory protection must be worn. The wearing time limits Hazardous Substances Ordinance in conjunction with the rules of engagement of respirators (BGR 190) are to beachten. Nur respiratory protection equipment with CE-symbol including four Use test number. When spraying, wear self-contained breathing apparatus.

Protection of hands:

For prolonged or repeated handling the following glove material use: KCL Butoject / butyl rubber
The instructions and information provided by the glove manufacturer for use, storage, maintenance and replacement must be followed. Penetration time of glove material depending on intensity and duration of Skin exposure.
Barrier creams can help protecting exposed skin areas. After contact should not be applied.

Eye protection:

Risk of splashing tightly fitting safety goggles.

Body protection:

Personnel should wear antistatic clothing made of natural fibers (cotton) or heat resistant synthetic fiber.

Protective measures:

Clean thoroughly after contact with soap and water or use recognized skin cleanser.

9 Physical and chemical properties

Appearance:

Physical state: liquid
Color: colorless, clear
Odor: Type specific

Sicherheitsrelevante Basisdaten	Einheit	Methode	Bemerkung:
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Flammpunkt (°C):	> 50 °C	Pensky-Martens	
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Ignition temperature (AIT)	215 ° C	literature	
Lower explosion limit:	1.4% by volume	calculated	
Upper explosion limit:	63.0% by volume	calculated	
Vapor pressure (at temperature in ° C): 20	13.00 mbar	literature value	
Density: (temperature in ° C): 20	1.04 g / cc	pycnometer	
Solubility in water (g / l):	emulsified		
pH (at temperature in ° C):	-		in aqueous solution
Viskosität20	<12 s 4 mm	Viscotester	
Solid content (%)	of 2 wt -%		
Solvent content:			
Organic solvents:	98 wt -%		
Water:	0 wt -%		
Boiling point / Boiling range:	120 ° C	literature	

10. Stability and reactivity

Conditions to avoid

Stable under recommended storage and handling. For more information about correct storage: refer to chapter 7

Materials to avoid

From strong acids, strong bases and strong oxidizing agents hold in order to avoid exothermic reactions.

Hazardous decomposition products

At high temperatures, hazardous decomposition products may be produced, eg: carbon dioxide, carbon monoxide, smoke, Nitrogen oxides.

11. Toxicological information

There are no data available on the preparation itself

Experience in practice

Other observations:

Inhaling of solvent components above the MWC-value can lead to health effects such as irritation of the Membrane and respiratory system irritation and adverse effects on kidney, liver and central nervous system. evidence

include headache, dizziness, fatigue, muscular weakness, dizziness, in serious cases: unconsciousness.

Solvents may cause some of the above effects by absorption through the skin. Prolonged and repeated contact with

the preparation may cause removal of natural fat from the skin can be non-allergic skin problems (contact dermatitis) and / or

Absorption through the skin. Splashes may cause irritation and reversible damage.

Summarized evaluation of the CMR properties:

The components in this formulation do not meet the criteria for classification as CMR category 1 or 2

There are no data available on the preparation itself The preparation has been assessed following the conventional

Method of the Dangerous Preparations Directive 1999/45/EC and classified for toxicological hazards accordingly. particulars

See Sections 2 and 15

CAUTION! - Solvents may be absorbed through the skin. This can, under unfavorable circumstances other Substances, such as auserfernten paint, are passed through the skin. Therefore, appropriate precautions meet! (See also section 8 and 15).

12. Ecological information

Overall:

There are no data available on the preparation itself.

Do not discharge into drains or rivers.

Result of the PBT properties

The components in this formulation do not meet the criteria for classification as PBT or vPvB.

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13. Disposal

Appropriate disposal / Product recommendation:

Do not discharge into drains or rivers.

List of proposed waste codes / waste designations in accordance with EWC:

200129 detergents containing dangerous substances

packing:

recommendation:

Non-contaminated packaging may be taken for reuse werden. Nicht properly emptied are special waste.

Stripping wastewater:

Wastewater always catch and similar to the separation of the solids on the filter, gravel, sand trap run. caution in Channel separation systems! Request information on the authority having jurisdiction. After consultation with the local authority must the

Wastewater in derRegel be introduced into the sanitary sewer.

Paint sludge:

The separated sludge is color depending on the composition of household or hazardous waste (heavy metals?).

14. Transport information

Transport in accordance with ADR / RID, IMDG and ICAO / IATA.

Land transport (ADR / RID)

Rating:	3
Label:	3
UN no.:	1263
Hazard no. (Kemler)	30
Official directive for the transport	PAINT RELATED MATERIAL
Packing group:	III
Tunnel restriction code:	D / E

Sea transport (IMDG)

Rating:	3
Label:	3
IMDG CODE Class:	F-E, S-D
UN no.:	1263
Shipping Name	PAINT RELATED MATERIAL
Packing group:	III
Marine pollutant:	N. A.

Air transport (ICAO-TI / IATA-DGR)

Class or Division: Class:	3
Label:	3
UN no.:	1263
Official directive for the transport	Paint related material
Packing group:	III

EU regulations

Chemical Safety Assessment

Chemical safety assessments for substances in this preparation were not carried out.

Labelling (67/548/EEC or 1999/45/EC)

Hazard symbol (s) and danger term (s) for dangerous materials and preparations:
includes:

N. A.

R-phrases:

10	Flammable.
67	Vapours may cause drowsiness and dizziness.

S-phrases:

38	In case of insufficient ventilation, wear suitable respiratory equipment.
51	Use only in well-ventilated areas.
23	Do not breathe vapor.
2	Keep out of the reach of children.
46	If swallowed, seek medical advice immediately and show this container or label.

Special labeling for certain preparations

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Other EU regulations:

Information according to 1999/13/EC about limitation of emissions of volatile organic compounds (VOC-guideline)

VOC content (in g / l), ISO 11890-2: 672.750

National regulations

Informations on working limitations:

Employment restrictions under the Maternity Protection Directive (92/85/EEC) for expectant or nursing mothers note.

Observe employment restrictions under the Maternity Protection Act (94/33/EC).

Water hazard class:

1

Operating instructions (air).

Flammable.

Technical Instructions on Air Quality (TA-Air):

TA-Air (2002) Chapter 5.2.5 Organic Substances

The following parameters in the exhaust gas may

Mass flow: 0.50 kg / h

or

Mass concentration of 50 mg/m³

not be exceeded.

Storage class:

Storage class: 3 A

Other regulations, restrictions and prohibition regulations:

Trade association rules (BGR):

GISCODE: M-AB20

16. Other information

Full text of R-phrases under paragraph 3:

10	Flammable.
67	Vapours may cause drowsiness and dizziness.
38	Irritating to skin.
41	Risk of serious damage to eyes.
22	Harmful if swallowed.
50	Very toxic to aquatic organisms.

Additional Information:

The information in this safety data sheet complies with our current level of knowledge as well as national and EU regulations. The product may be reproduced for purposes other than those specified under section 1 Use takes place. It is always the user's duty to take all necessary measures to fulfill the conditions laid down in the local rules and legislation. The information in this Material Safety Data Sheet

describe the safety requirements of our product and are not a guarantee of the product's properties