

Safety data sheet according to Regulation (EC) No 1907/2006, Annex II

1. IDENTIFICATION OF THE SUBSTANCE/PREPARATION AND OF THE COMPANY/UNDERTAKING

Identification of the substance or preparation

MULTI-SPRAY BOOT 500ML

Art.: 3314

Use of the substance/preparation

Lubricant

Company/undertaking identification

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Advisory office in case of poisoning:

Tel.:

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2. HAZARDS IDENTIFICATION

To people

See point 11 and 15.

Preparation is classified as hazardous in the sense of directive 1999/45/EC.

Extremely flammable

43 May cause sensitization by skin contact.

66 Repeated exposure may cause skin dryness or cracking.

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 the reach of children.

Without adequate ventilation, formation of explosive mixtures may be possible.

To the environment

See point 12.

REGULATION (EC) No 648/2004

30 % and more

aliphatic hydrocarbons

5 % or over but less than 15 %

aromatic hydrocarbons

perfumes

3. COMPOSITION/INFORMATION ON INGREDIENTS

Chemical name	Symbol	R-phrases	EINECS, ELINCS
content %	Registration number (ECHA)		

GB

2 / 7

Safety data sheet according to Regulation (EC) No 1907/2006, Annex II
 Revision: 24.02.2010 Replaces the version of: 27.01.2009 PDF date: 24.02.2010
 MULTI-SPRAY BOOT 500ML Art.: 3314

Benzene, C9-13-alkyl derivs., distn. residues, sulfonated, calcium salts			
1 - 5	---	43	307-593-8

Chemical name			
content %	Symbol	R-phrases	EINECS, ELINCS
Registration number (ECHA)			

Carbon dioxide		Substance for which an EU exposure limit value applies.	
1 - 5	---	---	204-696-9

Chemical name			
content %	Symbol	R-phrases	EINECS, ELINCS
Registration number (ECHA)			

Naphtha (petroleum), hydrodesulfurized heavy			
50 - 60	Xn	65-66	265-185-4

For complete wording of the R-phrases / H-phrases (GHS/CLP), refer to point 16.

4. FIRST AID MEASURES

4.1 Inhalation

Remove person from danger area.
 Supply person with fresh air and consult doctor according to symptoms.
 If the person is unconscious, place in a stable side position and consult a doctor.

4.2 Eye contact

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

4.3 Skin contact

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

4.4 Ingestion

Typically no exposure pathway.
 Rinse the mouth thoroughly with water.
 Do not induce vomiting. Consult doctor immediately.
 Danger of aspiration
 In case of vomiting, keep head low so that the stomach content does not reach the lungs.

4.5 Special resources necessary for first aid

Indications for the physician:
 Symptomatic treatment

5. FIRE-FIGHTING MEASURES

5.1 Suitable extinguishing media

Adapt to the nature and extent of fire.
 Water jet spray/foam/CO2/dry extinguisher
 Cool container at risk with water.

5.2 Extinguishing media which shall not be used for safety reasons

High volume water jet

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

In case of fire the following can develop:
 Oxides of carbon
 Oxides of sulphur
 Hydrocarbons
 Toxic pyrolysis products.
 Danger of bursting (explosion) when heated
 Explosive vapour/air mixture

Safety data sheet according to Regulation (EC) No 1907/2006, Annex II
 Revision: 24.02.2010 Replaces the version of: 27.01.2009 PDF date: 24.02.2010
 MULTI-SPRAY BOOT 500ML Art.: 3314

5.4 Special protective equipment for fire-fighters

In case of fire and/or explosion do not breathe fumes.

Protective respirator with independent air supply.

According to size of fire

Full protection, if necessary

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

Remove possible causes of ignition - do not smoke.

Ensure sufficient supply of air.

Avoid inhalation, and contact with eyes or skin.

If applicable, caution - risk of slipping

6.2 Environmental precautions

Prevent from entering drainage system.

Prevent surface and ground-water infiltration, as well as ground penetration.

If accidental entry into drainage system occurs, inform responsible authorities.

6.3 Methods for cleaning up

If spray or gas escapes, ensure ample fresh air is available.

Active substance:

Collect using absorbant material (e.g. Universal binding medium, sand, kieselguhr) and dispose of according to point 13.

7. HANDLING AND STORAGE

7.1 Handling

Tips for safe handling:

See point 6.1

Ensure good ventilation.

Avoid inhalation of the vapours.

Keep away from sources of ignition - Do not smoke.

Do not use on hot surfaces.

Avoid contact with eyes or skin.

Eating, drinking, smoking, as well as food-storage, is prohibited in work-room.

Observe directions on label and instructions for use.

Use working methods according to operating instructions.

7.2. Storage

Requirements for storage rooms and containers:

Not to be stored in gangways or stair wells.

Do not store with oxidizing agents.

Observe special regulations for aerosols!

Do not store with oxidizing agents.

Special storage conditions:

See point 10

Observe special storage conditions (in Germany, e.g., in accordance with the regulations in the "Betriebssicherheitsverordnung").

Store in a well ventilated place.

Keep protected from direct sunlight and temperatures over 50°C.

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

8.1 Exposure limit values

GB	Chemical Name	Carbon dioxide	Content %:1 - 5
	WEL-TWA: 5000 ppm (9150 mg/m ³) (WEL), 5000 ppm (9000 mg/m ³) (EC)	WEL-STEL: 15000 ppm (27400 mg/m ³) (WEL)	---
	BMGV: ---	Other information: ---	

GB

4 / 7

Safety data sheet according to Regulation (EC) No 1907/2006, Annex II
 Revision: 24.02.2010 Replaces the version of: 27.01.2009 PDF date: 24.02.2010
 MULTI-SPRAY BOOT 500ML Art.: 3314

Chemical Name	Naphtha (petroleum), hydrodesulfurized heavy		Content %:50 - 60
WEL-TWA: 100 mg/m3 (AGW)	WEL-STEL: 2(II) (AGW)	---	
BMGV: ---	Other information: ---		
Chemical Name	Oil mist, mineral		Content %:
WEL-TWA: 5 mg/m3 (ACGIH)	WEL-STEL: 10 mg/m3 (ACGIH)	---	
BMGV: ---	Other information: ---		

WEL-TWA = Workplace Exposure Limit - Long-term exposure limit (8-hour TWA (= time weighted average) reference period) EH40. AGW = "Arbeitsplatzgrenzwert" (workplace limit value, Germany). | WEL-STEL = Workplace Exposure Limit - Short-term exposure limit (15-minute reference period). | BMGV = Biological monitoring guidance value EH40. BGW = "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.
 ** = The exposure limit for this substance is repealed through the TRGS 900 (Germany) of January 2006 with the goal of revision.

8.2 Exposure controls

8.2.1 Occupational exposure controls

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 AGW values, suitable breathing protection should be worn.
 Applies only if maximum permissible exposure values are listed here.
 General hygiene measures for the handling of chemicals are applicable.
 Wash hands before breaks and at end of work.
 Keep away from food, drink and animal feedingstuffs.
 Respiratory protection:
 Normally not necessary.
 If OES or MEL is exceeded.
 Filter A2 P2 (EN 14387)
 At high concentrations:
 Respiratory protection appliance (insulation device) (e.g. EN 137 or EN 138)
 Observe wearing time limitations for respiratory protection equipment.
 Hand protection:
 Chemical resistant protective gloves (EN 374).
 If applicable
 Protective Neopren gloves (EN 374).
 Protective nitrile gloves (EN 374)
 Protective hand cream recommended.
 Eye protection:
 With danger of contact with eyes.
 Tight fitting protective goggles with side protection (EN 166).
 Skin protection:
 Protective working garments (e.g. safety shoes EN ISO 20345, 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.

8.2.2 Environmental exposure controls

n.av.

9. PHYSICAL AND CHEMICAL PROPERTIES

9.1 General information

Physical state: Aerosol
 Colour: Brown, Clear
 Odour: Characteristic

9.2. Important health, safety and environmental information

Safety data sheet according to Regulation (EC) No 1907/2006, Annex II
 Revision: 24.02.2010 Replaces the version of: 27.01.2009 PDF date: 24.02.2010
 MULTI-SPRAY BOOT 500ML Art.: 3314

pH-value undiluted:	n.a.
Boiling point/boiling range (°C):	n.av.
Melting point/melting range (°C):	n.av.
Flash point (°C):	n.a.
Oxidising properties:	No
Vapour pressure:	n.c.
Density (g/ml):	0,847 (20°C)
Water solubility:	Insoluble
Viscosity:	16,47 mm ² /s (40°C)

10. STABILITY AND REACTIVITY

Conditions to avoid

See point 7

Stable when handled and stored correctly.

Heating, open flame, ignition sources

Pressure increase will result in danger of bursting.

Materials to avoid

See point 7

Avoid contact with strong oxidizing agents.

Hazardous decomposition products

See point 5.3

No decomposition when used as directed.

11. TOXICOLOGICAL INFORMATION

Acute toxicity and immediate effects

Ingestion, LD50 rat oral (mg/kg):	n.av.
Inhalation, LC50 rat inhal.(mg/l/4h):	n.av.
Skin contact, LD50 rat dermal (mg/kg):	See point 15.
Eye contact:	n.av.

Delayed and chronic effects

Sensitization:	Yes (skin contact)
Carcinogenicity:	n.c.
Mutagenicity:	n.c.
Reproductive toxicity:	n.c.
Narcosis:	n.c.

Further information

The product was not tested.

Classification according to calculation procedure.

The following may occur:

Irritation of the respiratory tract

Coughing

Headaches

Dizziness

Effect on the central nervous system

With long-term contact:

Drying of the skin.

Dermatitis (skin inflammation)

Ingestion:

Nausea

Vomiting

Danger of aspiration

Oedema of the lungs

Chemical pneumonitis (condition similar to pneumonia)

Other dangerous properties cannot be ruled out.

12. ECOLOGICAL INFORMATION

The product was not tested.

Persistence and degradability:

Biodegradable *

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 Revision: 24.02.2010 Replaces the version of: 27.01.2009 PDF date: 24.02.2010
 MULTI-SPRAY BOOT 500ML Art.: 3314

Behaviour in sewage plants:	Isolate as much as possible with an oil separator.
According to the recipe, contains no AOX.	
Aquatic toxicity:	n.av.
Ecological toxicity:	n.av.
Mobility:	n.av.
Accumulation:	
Concentration in organisms possible. *	
Results of PBT assessment	
n.av.	
Other adverse effects:	n.av.
* Naphtha (petroleum), hydrodesulfurized heavy	

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. (2001/118/EC, 2001/119/EC, 2001/573/EC)
 16 05 04 gases in pressure containers (including halons) containing dangerous substances

Recommendation:

Pay attention to local and national official regulations
 E.g. suitable incineration plant.
 Approved rubbish dump for special refuse

13.2 for contaminated packing material

See point 13.1

Pay attention to local and national official regulations

Recommendation:

Return to manufacturer with residual pressure.
 Do not perforate, cut up or weld uncleaned container.
 15 01 04 metallic packaging

14. TRANSPORT INFORMATION

General statements

UN-Number: 1950

Road/Rail-transport (ADR/RID)

Class/packing group: 2/- 

UN 1950 AEROSOLS

Classification code: 5F

LQ: 2

Tunnel restriction code: D

Transport by sea

IMDG-code: 2.1/- (class/packing group) 

EmS: F-D, S-U


AEROSOLS

Transport by air

IATA: 2.1/- (class/secondary danger/packing group)

Aerosols, flammable

Additional information:

Danger code and packing code on request. 

15. REGULATORY INFORMATION

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

Safety data sheet according to Regulation (EC) No 1907/2006, Annex II
Revision: 24.02.2010 Replaces the version of: 27.01.2009 PDF date: 24.02.2010
MULTI-SPRAY BOOT 500ML Art.: 3314

Symbols: F+/Xi

Indications of danger:

Extremely flammable

Irritant

R-phrases:

43 May cause sensitization by skin contact.

66 Repeated exposure may cause skin dryness or cracking.

S-phrases:

23 Do not breathe spray.

24 Avoid contact with skin.

37 Wear suitable gloves.

51 Use only in well-ventilated areas.

56 Dispose of this material and its container to hazardous or special waste collection point.



Additions:

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 the reach of children.

Without adequate ventilation, formation of explosive mixtures may be possible.

Benzene, C9-13-alkyl derivs., distn. residues, sulfonated, calcium salts

Observe restrictions:

Yes

Observe youth employment law (German regulation).

Observe prohibition regulations.

VOC (1999/13/EC):

~ 56% w/w

16. OTHER INFORMATION

These details refer to the product as it is delivered.

Storage class VCI (Germany):

2 B

Revised points:

2, 3, 4, 7, 8, 9, 11, 12, 15, 16

The following phrases represent the prescribed R-phrases / H-phrases (GHS/CLP) for the ingredients (designated in point 3).

43 May cause sensitization by skin contact.

65 Harmful: may cause lung damage if swallowed.

66 Repeated exposure may cause skin dryness or cracking.

Legend:

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

WEL = Workplace Exposure Limit EH40, TWA = Long-term exposure limit (8-hour TWA (= time weighted average) reference period), STEL = Short-term exposure limit (15-minute reference period) / BMGV = Biological monitoring guidance value EH40

AGW = "Arbeitsplatzgrenzwert" (workplace limit value, Germany) / BGW = "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:

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