

EC safety data sheet

Trade name: Protego Puder-Spray

Product no.: 79370

Current version : 3.0.0, issued: 01.08.2014

Replaced version: 2.0.0, issued: 30.05.2012

Region: GB

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

1.1 Product identifier

Trade name

Protego Puder-Spray

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

Relevant identified uses of the substance or mixture

for strongly exposed skin areas, for animals prone to a sensitive skin

1.3 Details of the supplier of the safety data sheet

Address

aniMedica GmbH

Im Südfeld 9

D-48308 Senden-Bösensell

Telephone no. +49 (0)2536 3302-0

Fax no. +49 (0)2536 3302-110

Information provided by / telephone

+49 (0)2536 3302-0

Advice on Safety Data Sheet

sdb_info@umco.de

1.4 Emergency telephone number

For medical advice (in German and English):

+49 (0)551 192 40 (Giftinformationszentrum Nord)

SECTION 2: Hazards identification

2.1 Classification of the substance or mixture

Classification in accordance with Regulation (EC) No 1272/2008 (CLP)

Aerosol 1; H222

Aquatic Chronic 2; H411

Skin Irrit. 2; H315

STOT SE 3; H336

Classification in accordance with Directive 67/548/EEC or 1999/45/EC

R67

Xi; R38

N; R51/53

F+; R12

2.2 Label elements

Labelling according to Regulation (EC) No 1272/2008 (CLP Regulation)

Hazard pictograms



GHS02



GHS07



GHS09

Signal word

Danger

Hazardous component(s) to be indicated on label:

Hydrocarbons, C6, isoalkanes, <5% n-hexane

EC safety data sheet

Trade name: Protego Puder-Spray

Product no.: 79370

Current version : 3.0.0, issued: 01.08.2014

Replaced version: 2.0.0, issued: 30.05.2012

Region: GB

Hazard statements

H222 Extremely flammable aerosol.
H229 Pressurised container: May burst if heated.
H315 Causes skin irritation.
H336 May cause drowsiness or dizziness.
H411 Toxic to aquatic life with long lasting effects.

Hazard statements (EU)

EUH208 Contains carvacrol. May produce an allergic reaction.

Precautionary statements

P101 If medical advice is needed, have product container or label at hand.
P102 Keep out of reach of children.
P210 Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking.
P211 Do not spray on an open flame or other ignition source.
P251 Do not pierce or burn, even after use.
P271 Use only outdoors or in a well-ventilated area.
P405 Store locked up.
P410+P412 Protect from sunlight. Do not expose to temperatures exceeding 50°C/ 122°F.
P501 Dispose of contents / container in accordance with local / regional / national / international regulations.

2.3 Other hazards

During and after use possible formation of combustible mixture with solvents.

SECTION 3: Composition/information on ingredients

3.1 Substances

Not applicable. The product is not a substance.

3.2 Mixtures

Chemical characterization

skincare powder spray

EC safety data sheet

Trade name: Protego Puder-Spray

Product no.: 79370

Current version : 3.0.0, issued: 01.08.2014

Replaced version: 2.0.0, issued: 30.05.2012

Region: GB

Hazardous ingredients

No	Substance name			Additional information	
	CAS / EC / Index / REACH no	Classification 67/548/EEC	Classification (EC) 1272/2008 (CLP)	Concentration	%
1	Hydrocarbons, C6, isoalkanes, <5% n-hexane				
	- 931-254-9 - 01-2119484651-34	F; R11 Xi; R38 Xn; R65 R67 N; R51/53	Flam. Liq. 2; H225 Asp. Tox. 1; H304 Skin Irrit. 2; H315 STOT SE 3; H336 Aquatic Chronic 2; H411	> 10.00 - < 30.00	%-b.w.
2	butane				
	106-97-8 203-448-7 601-004-00-0 -	F+; R12	Flam. Gas 1; H220 Press. Gas	> 10.00 - < 30.00	%-b.w.
3	propane				
	74-98-6 200-827-9 601-003-00-5 -	F+; R12	Flam. Gas 1; H220 Press. Gas	> 10.00 - < 30.00	%-b.w.
4	isobutane				
	75-28-5 200-857-2 601-004-00-0 -	F+; R12	Flam. Gas 1; H220 Press. Gas	> 10.00 - < 30.00	%-b.w.
5	zinc oxide				
	1314-13-2 215-222-5 030-013-00-7 01-2119463881-32	N; R50/53	Aquatic Acute 1; H400 Aquatic Chronic 1; H410	> 10.00 - < 30.00	%-b.w.
6	but-1-ene				
	106-98-9 203-449-2 601-012-00-4 -	F+; R12	Flam. Gas 1; H220 Press. Gas	> 1.00 - < 5.00	%-b.w.
7	propene				
	115-07-1 204-062-1 601-011-00-9 -	F+; R12	Flam. Gas 1; H220 Press. Gas	> 1.00 - < 5.00	%-b.w.
8	but-2-ene, mixed isomers				
	107-01-7 203-452-9 601-012-00-4 -	F+; R12	Flam. Gas 1; H220 Press. Gas	> 1.00 - < 5.00	%-b.w.
9	carvacrol				
	499-75-2 207-889-6 - -	Xn; R22 Xi; R38 R43	Acute Tox. 4; H302 Skin Irrit. 2; H315 Skin Sens. 1; H317	< 0.50	%-b.w.

Full Text for all R-phrases , H-phrases and EUH-phrases: pls. see section 16

No	Note	Specific concentration limits	M-factor (acute)	M-factor (chronic)
2	C, U	-	-	-
3	U	-	-	-
4	C, U	-	-	-
5	-	-	M = 1	-
6	C, U	-	-	-
7	U	-	-	-
8	C, U	-	-	-

EC safety data sheet

Trade name: Protego Puder-Spray

Product no.: 79370

Current version : 3.0.0, issued: 01.08.2014

Replaced version: 2.0.0, issued: 30.05.2012

Region: GB

Full text for the notes: pls. see section 16 "Notes relating to the identification, classification and labelling of substances ((EC) No 1272/2008, Annex VI)".

SECTION 4: First aid measures

4.1 Description of first aid measures

General information

In all cases of doubt, or when sickness symptoms persist, seek medical attention. Never give anything by mouth to an unconscious person. Remove soiled or soaked clothing immediately.

After inhalation

Remove to fresh air, keep patient warm and at rest. Irregular breathing/no breathing: artificial respiration. If unconscious place in recovery position and seek medical advice.

After skin contact

Wash skin thoroughly with soap and water or use recognised skin cleanser. Do NOT use solvents or thinners!

After eye contact

Remove contact lenses, irrigate copiously with clean, fresh water for at least 10 minutes, holding the eyelids apart and seek medical advice.

After ingestion

Do not induce vomiting. Call a doctor immediately. Never give anything by mouth to an unconscious person. Keep at rest.

4.2 Most important symptoms and effects, both acute and delayed

No data available.

4.3 Indication of any immediate medical attention and special treatment needed

No data available.

SECTION 5: Firefighting measures

5.1 Extinguishing media

Suitable extinguishing media

Alcohol resistant foam, CO₂, powders, water spray

Unsuitable extinguishing media

High power water jet

5.2 Special hazards arising from the substance or mixture

Fire will produce dense black smoke. Exposure to decomposition products may cause a health hazard. Exposure to heat may cause bursting of the aerosol packagings. In the event of fire, the following can be released: Nitrogen oxides (NO_x); Hydrogen chloride (HCl)

5.3 Advice for firefighters

Appropriate breathing apparatus may be required. Cool endangered containers with water in case of fire. DO NOT ALLOW RUN-OFF FROM FIRE FIGHTING TO ENTER DRAINS OR WATER COURSES

SECTION 6: Accidental release measures

6.1 Personal precautions, protective equipment and emergency procedures

For non-emergency personnel

Exclude sources of ignition and ventilate the area. Do not inhale vapours. Refer to protective measures listed in sections 7 and 8.

For emergency responders

No data available. Personal protective equipment (PPE) - see Section 8.

6.2 Environmental precautions

Do not allow to enter drains. If the product contaminates lakes, rivers or sewage, inform appropriate authorities in accordance with local regulations.

6.3 Methods and material for containment and cleaning up

Contain and collect spillage with non-combustible absorbent materials, e.g. sand, earth, vermiculite, diatomaceous earth and place in container for disposal according to local regulations (see section 13). Clean preferably with a detergent; avoid use of solvents.

EC safety data sheet

Trade name: Protego Puder-Spray

Product no.: 79370

Current version : 3.0.0, issued: 01.08.2014

Replaced version: 2.0.0, issued: 30.05.2012

Region: GB

6.4 Reference to other sections

No data available.

SECTION 7: Handling and storage

7.1 Precautions for safe handling

Advice on safe handling

Prevent the creation of flammable or explosive concentrations of vapour in air and avoid vapour concentrations higher than the occupational exposure limits. The product should only be used in areas from which all naked lights and other sources of ignition have been excluded. Comply with the health and safety at work laws.

General protective and hygiene measures

Do not eat or drink during work - no smoking.

Advice on protection against fire and explosion

Vapours are heavier than air and may spread along floors. Vapours may form explosive mixtures with air.

7.2 Conditions for safe storage, including any incompatibilities

Technical measures and storage conditions

Always keep in containers of same material as the original one. See also instructions on the label. Avoid heating and direct sunlight. Keep container dry in a cool, well-ventilated place.

Recommended storage temperature

Value 20 - 25 °C

Requirements for storage rooms and vessels

Storage rooms must be properly ventilated.

Advice on storage assembly

Keep away from oxidizing agents, from strongly alkaline and strongly acid materials.

7.3 Specific end use(s)

No data available.

SECTION 8: Exposure controls/personal protection

8.1 Control parameters

Occupational exposure limit values

No	Substance name	CAS no.	EC no.
1	butane	106-97-8	203-448-7
	List of approved workplace exposure limits (WELs) / EH40		
	Butane		
	STEL	1810 mg/m ³	750 ml/m ³
	TWA	1450 mg/m ³	600 ml/m ³
2	propane	74-98-6	200-827-9
	List of approved workplace exposure limits (WELs) / EH40		
	Propane		
3	zinc oxide	1314-13-2	215-222-5
	List of approved workplace exposure limits (WELs) / EH40		
	Zinc oxide, fume		
	STEL	10 mg/m ³	
	TWA	5 mg/m ³	
4	propene	115-07-1	204-062-1
	List of approved workplace exposure limits (WELs) / EH40		
	Propylene		

EC safety data sheet

Trade name: Protego Puder-Spray

Product no.: 79370

Current version : 3.0.0, issued: 01.08.2014

Replaced version: 2.0.0, issued: 30.05.2012

Region: GB

DNEL and PNEC values

DNEL values (worker)

No	Substance name			CAS / EC no
	Route of exposure	Exposure time	Effect	Value
1	Hydrocarbons, C6, isoalkanes, <5% n-hexane			- 931-254-9
	dermal	Long term (chronic)	systemic	13964 mg/kg/day
	inhalational	Long term (chronic)	systemic	5306 mg/m ³
2	zinc oxide			1314-13-2 215-222-5
	dermal	Long term (chronic)	systemic	83 mg/kg/day
	with reference to: Zn Remarks: insoluble			
	inhalational	Long term (chronic)	systemic	5 mg/m ³
	with reference to: Zn Remarks: insoluble			

DNEL value (consumer)

No	Substance name			CAS / EC no
	Route of exposure	Exposure time	Effect	Value
1	Hydrocarbons, C6, isoalkanes, <5% n-hexane			- 931-254-9
	oral	Long term (chronic)	systemic	1301 mg/kg/day
	dermal	Long term (chronic)	systemic	1377 mg/kg/day
	inhalational	Long term (chronic)	systemic	1131 mg/m ³
2	zinc oxide			1314-13-2 215-222-5
	oral	Long term (chronic)	systemic	0.83 mg/kg/day
	with reference to: Zn Remarks: insoluble			
	dermal	Long term (chronic)	systemic	83 mg/kg/day
	with reference to: Zn Remarks: insoluble			
	inhalational	Long term (chronic)	systemic	2.5 mg/m ³
	with reference to: Zn Remarks: insoluble			

PNEC values

No	Substance name		CAS / EC no
	ecological compartment	Type	Value
1	zinc oxide		1314-13-2 215-222-5
	water	fresh water	20.6 µg/l
	with reference to: Zn		
	water	marine water	6.1 µg/l
	with reference to: Zn		
	water	fresh water sediment	117.8 mg/kg
	water	marine water sediment	56.5 mg/kg
	with reference to: Zn, dry weight		
	soil	-	35.6 mg/kg
	with reference to: Zn, dry weight		
	sewage treatment plant	-	100 µg/l

8.2 Exposure controls

Appropriate engineering controls

Provide adequate ventilation. Where reasonably practicable this should be achieved by the use of local exhaust ventilation and good general extraction. If these are not sufficient to maintain concentrations of particulates and solvent vapour below the OEL, suitable respiratory protection must be worn.

EC safety data sheet

Trade name: Protego Puder-Spray

Product no.: 79370

Current version : 3.0.0, issued: 01.08.2014

Replaced version: 2.0.0, issued: 30.05.2012

Region: GB

Personal protective equipment

Respiratory protection

If workers are exposed to concentrations above the exposure limit they must use appropriate, certified respirators. Use half-mask model with cartridge or air-fed.

Eye / face protection

Wear safety goggles to protect against solvent splashes.

Hand protection

For prolonged or repeated handling, use glove types like nitrile, neoprene or polyvinyl alcohol. Barrier creams may help to protect the exposed areas of the skin, they should however not be applied once exposure has occurred.

Other

Personal should wear antistatic clothings made of natural fiber or of high temperature resistant synthetic fiber. All parts of the body should be washed after contact.

Environmental exposure controls

No data available.

SECTION 9: Physical and chemical properties

9.1 Information on basic physical and chemical properties

Form/Colour		
Aerosol		
white		
Odour		
of vegetable oils		
Odour threshold		
No data available		
pH value		
No data available		
Boiling point / boiling range		
No data available		
Melting point / melting range		
No data available		
Decomposition point / decomposition range		
No data available		
Flash point		
No data available		
Auto-ignition temperature		
No data available		
Oxidising properties		
No data available		
Explosive properties		
No data available		
Flammability (solid, gas)		
No data available		
Lower flammability or explosive limits		
Value	1.5	% vol
Upper flammability or explosive limits		
Value	11	% vol

EC safety data sheet

Trade name: Protego Puder-Spray

Product no.: 79370

Current version : 3.0.0, issued: 01.08.2014

Replaced version: 2.0.0, issued: 30.05.2012

Region: GB

Vapour pressure
No data available

Vapour density
No data available

Evaporation rate
No data available

Relative density
No data available

Density
Value
0.667 g/cm ³

Solubility in water
Remarks
insoluble

Solubility(ies)
No data available

Partition coefficient: n-octanol/water
No data available

Viscosity
No data available

9.2 Other information

Other information
No data available.

SECTION 10: Stability and reactivity

10.1 Reactivity

Dangerous reactions are not expecting handling the product according to its intended use.

10.2 Chemical stability

Stable under recommended storage and handling conditions (See section 7).

10.3 Possibility of hazardous reactions

No dangerous reactions known.

10.4 Conditions to avoid

No data available.

10.5 Incompatible materials

Keep away from oxidizing agents, strongly alkaline and strongly acid materials in order to avoid exothermic reactions.

10.6 Hazardous decomposition products

In case of fire the following can be released: Carbon monoxide and carbon dioxide; Nitrous oxides (NO_x); Hydrogen chloride (HCl)

EC safety data sheet

Trade name: Protego Puder-Spray

Product no.: 79370

Current version : 3.0.0, issued: 01.08.2014

Replaced version: 2.0.0, issued: 30.05.2012

Region: GB

SECTION 11: Toxicological information

11.1 Information on toxicological effects

Acute oral toxicity			
No	Substance name	CAS no.	EC no.
1	Hydrocarbons, C6, isoalkanes, <5% n-hexane	-	931-254-9
LD50	>	5000	mg/kg bodyweight
Species	rat		
Method	OECD 401		
Source	ECHA		
2	zinc oxide	1314-13-2	215-222-5
LD50	>	5000	mg/kg bodyweight
Species	rat		
Method	OECD 401		
Source	ECHA		
Acute dermal toxicity			
No	Substance name	CAS no.	EC no.
1	Hydrocarbons, C6, isoalkanes, <5% n-hexane	-	931-254-9
LD50	>	3350	mg/kg bodyweight
Species	rabbit		
Method	OECD 402		
Source	ECHA		
2	zinc oxide	1314-13-2	215-222-5
LD50	>	2000	mg/kg bodyweight
Species	rat		
Method	OECD 402		
Source	ECHA		
Acute inhalational toxicity			
No	Substance name	CAS no.	EC no.
1	Hydrocarbons, C6, isoalkanes, <5% n-hexane	-	931-254-9
LC50	259	mg/l	
Duration of exposure	4	h	
State of aggregation	Vapour		
Species	rat		
Method	OECD 403		
Source	ECHA		
2	zinc oxide	1314-13-2	215-222-5
LC50	>	5.7	mg/l
Duration of exposure	4	h	
State of aggregation	Dust/mist		
Species	rat		
Method	OECD 403		
Source	ECHA		
Skin corrosion/irritation			
No	Substance name	CAS no.	EC no.
1	Hydrocarbons, C6, isoalkanes, <5% n-hexane	-	931-254-9
Duration of exposure	4	h	
Species	rabbit		
Method	OECD 404		
Source	ECHA		
Evaluation	non-irritant		
Evaluation/classification	Based on available data, the classification criteria are met.		
2	zinc oxide	1314-13-2	215-222-5
Species	rabbit		
Method	OECD 404		
Source	ECHA		
Evaluation	non-irritant		

EC safety data sheet

Trade name: Protego Puder-Spray

Product no.: 79370

Current version : 3.0.0, issued: 01.08.2014

Replaced version: 2.0.0, issued: 30.05.2012

Region: GB

Serious eye damage/irritation			
No	Substance name	CAS no.	EC no.
1	Hydrocarbons, C6, isoalkanes, <5% n-hexane	-	931-254-9
Duration of exposure		72	h
Species		rabbit	
Method		OECD 405	
Source		ECHA	
Evaluation		non-irritant	

Respiratory or skin sensitisation			
No	Substance name	CAS no.	EC no.
1	Hydrocarbons, C6, isoalkanes, <5% n-hexane	-	931-254-9
Route of exposure		Skin	
Species		mouse	
Method		OECD 429	
Source		ECHA	
Evaluation		non-sensitizing	

Germ cell mutagenicity			
No	Substance name	CAS no.	EC no.
1	Hydrocarbons, C6, isoalkanes, <5% n-hexane	-	931-254-9
Type of examination		gene mutation assay	
Species		Salmonella typhimurium	
Method		OECD 471	
Source		ECHA	
Evaluation/classification		Based on available data, the classification criteria are not met.	
Route of exposure		inhalational	
Type of examination		Chromosome aberration test	
Species		rat	
Method		OECD 475	
Source		ECHA	
Evaluation/classification		Based on available data, the classification criteria are not met.	

Reproduction toxicity			
No	Substance name	CAS no.	EC no.
1	Hydrocarbons, C6, isoalkanes, <5% n-hexane	-	931-254-9
Route of exposure		inhalational	
NOAEC		9000	ppm
Duration of exposure		13	week/s
Type of examination		2 generation study	
Species		rat	
Method		OECD 416	
Source		ECHA	
Evaluation/classification		Based on available data, the classification criteria are not met.	

Carcinogenicity			
No	Substance name	CAS no.	EC no.
1	Hydrocarbons, C6, isoalkanes, <5% n-hexane	-	931-254-9
Route of exposure		inhalational	
NOAEC		9016	ppm
Duration of exposure		2	year(s)
Species		mouse	
Method		OECD 451	
Source		ECHA	
Evaluation/classification		Based on available data, the classification criteria are not met.	

EC safety data sheet

Trade name: Protego Puder-Spray

Product no.: 79370

Current version : 3.0.0, issued: 01.08.2014

Replaced version: 2.0.0, issued: 30.05.2012

Region: GB

STOT-single exposure

No data available

STOT-repeated exposure

No	Substance name	CAS no.	EC no.
1	Hydrocarbons, C6, isoalkanes, <5% n-hexane	-	931-254-9
Route of exposure		inhalational	
NOAEC		2984	ppm
Duration of exposure		13	week/s
Species		mouse	
Target organ		liver, kidney	
Method		OECD 413	
Source		ECHA	
Evaluation/classification		Based on available data, the classification criteria are not met.	
Route of exposure		inhalational	
NOAEC		8992	ppm
Duration of exposure		13	week/s
Species		mouse	
Method		OECD 413	
Source		ECHA	
Evaluation/classification		Based on available data, the classification criteria are not met.	

Aspiration hazard

No data available

Delayed and immediate effects as well as chronic effects from short and long-term exposure

Exposure of vapour concentration in excess of the stated OEL's may result in adverse health effects such as mucous membrane and respiratory system irritation and adverse effects on kidney, liver and central nervous system. Symptoms and signs include headache, dizziness, fatigue muscular weakness, drowsiness and in extrem cases, loss of consciousness. Repeated or prolonged contact with the preparation may cause removal of natural fat from the skin resulting in non-allergic contact dermatitis and absorption through the skin. The liquid splashed in the eyes may cause irritation and reversible damage.

EC safety data sheet

Trade name: Protego Puder-Spray

Product no.: 79370

Current version : 3.0.0, issued: 01.08.2014

Replaced version: 2.0.0, issued: 30.05.2012

Region: GB

SECTION 12: Ecological information

12.1 Toxicity

Toxicity to fish (acute)
No data available
Toxicity to fish (chronic)
No data available
Toxicity to Daphnia (acute)
No data available
Toxicity to Daphnia (chronic)
No data available
Toxicity to algae (acute)
No data available
Toxicity to algae (chronic)
No data available
Bacteria toxicity
No data available

12.2 Persistence and degradability

No data available.

12.3 Bioaccumulative potential

No data available.

12.4 Mobility in soil

No data available.

12.5 Results of PBT and vPvB assessment

No data available.

12.6 Other adverse effects

No data available.

12.7 Other information

Other information
There are no data available on the preparation itself. For components which are dangerous for the environment see section 3.
The product should not be allowed to enter drains or water courses.

SECTION 13: Disposal considerations

13.1 Waste treatment methods

Product

Waste code 200122 aerosols

The listed waste code numbers, according to the European Waste Catalogue, are to be understood as a recommendation. A final decision must be made in agreement with the regional waste disposal company. Hand over only completely emptied aerosol cans for valuable substance recovery!

Packaging

Contaminated packaging should be emptied as far as possible and after appropriate cleansing may be taken for reuse. Packaging that cannot be cleaned should be disposed of in agreement with the regional waste disposal company.

EC safety data sheet

Trade name: Protego Puder-Spray

Product no.: 79370

Current version : 3.0.0, issued: 01.08.2014

Replaced version: 2.0.0, issued: 30.05.2012

Region: GB

SECTION 14: Transport information

14.1 Transport ADR/RID/ADN

Class	2
Classification code	5F
UN number	UN1950
Technical name	AEROSOLS
Tunnel restriction code	D
Label	2.1
Environmentally hazardous substance mark	Symbol "fish and tree"

14.2 Transport IMDG

Class	2
UN number	UN1950
Proper shipping name	AEROSOLS
EmS	F-D+S-U
Label	2.1
Marine pollutant mark	Symbol "fish and tree"
Remarks	The outer packings (boxes or cartons) should comply with the Regulations of Packing Group II at least.

14.3 Transport ICAO-TI / IATA

Class	2.1
UN number	UN1950
Proper shipping name	Aerosols, flammable
Label	2.1
Remarks	The outer packings (boxes or cartons) should comply with the Regulations of Packing Group II (IATA-Regulation 5.2 PI203).

14.4 Other information

No data available.

14.5 Environmental hazards

Information on environmental hazards, if relevant, please see 14.1 - 14.3.

14.6 Special precautions for user

No data available.

14.7 Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code

Not relevant

SECTION 15: Regulatory information

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

EU regulations

Restriction of occupation

Adhere to the national sanitary and occupational safety regulations when using this product.

15.2 Chemical safety assessment

No data available.

SECTION 16: Other information

Sources of key data used to compile the data sheet:

EC Directive 67/548/EC resp. 1999/45/EC as amended in each case.

Regulation (EC) No 1907/2006 (REACH), 1272/2008 (CLP) as amended in each case.

EC Directives 2000/39/EC, 2006/15/EC, 2009/161/EU

National Threshold Limit Values of the corresponding countries as amended in each case.

Transport regulations according to ADR, RID, IMDG, IATA as amended in each case.

The data sources used to determine physical, toxic and ecotoxic data, are indicated directly in the corresponding chapter.

EC safety data sheet

Trade name: Protego Puder-Spray

Product no.: 79370

Current version : 3.0.0, issued: 01.08.2014

Replaced version: 2.0.0, issued: 30.05.2012

Region: GB

Full text of the R-, H- and EUH- phrases drawn up in sections 2 and 3 (provided not already drawn up in these sections)

R11	Highly flammable.
R12	Extremely flammable.
R22	Harmful if swallowed.
R38	Irritating to skin.
R43	May cause sensitisation by skin contact.
R50/53	Very toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment.
R51/53	Toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment.
R65	Harmful: may cause lung damage if swallowed.
R67	Vapours may cause drowsiness and dizziness.
H220	Extremely flammable gas.
H225	Highly flammable liquid and vapour.
H302	Harmful if swallowed.
H304	May be fatal if swallowed and enters airways.
H315	Causes skin irritation.
H317	May cause an allergic skin reaction.
H336	May cause drowsiness or dizziness.
H400	Very toxic to aquatic life.
H410	Very toxic to aquatic life with long lasting effects.
H411	Toxic to aquatic life with long lasting effects.

Notes relating to the identification, classification and labelling of substances and mixtures ((EC) No 1272/2008, Annex VI)

C	Some organic substances may be marketed either in a specific isomeric form or as a mixture of several isomers. In this case the supplier must state on the label whether the substance is a specific isomer or a mixture of isomers.
U	When put on the market gases have to be classified as 'Gases under pressure', in one of the groups compressed gas, liquefied gas, refrigerated liquefied gas or dissolved gas. The group depends on the physical state in which the gas is packaged and therefore has to be assigned case by case.

Department issuing safety data sheet

UMCO Umwelt Consult GmbH

Georg-Wilhelm-Str. 183 , D-21107 Hamburg

Tel.: +49 40 / 79 02 36 300 Fax: +49 40 / 79 02 36 357 e-mail: umco@umco.de

This information is based on our present state of knowledge and experience.

The security data sheet describes products with a view to the security requirements.

However, it should not constitute a guarantee for any specific product properties and shall not establish a legally valid relationship.

Alterations/supplements:

Alterations to the previous edition are marked in the left-hand margin.