Safety Data Sheet

according to Regulation (EC) No 1907/2006

BLANCO DeepClean SILGRANIT_Art.-Nr. 526 307

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

1.1. Product identifier

BLANCO DeepClean SILGRANIT_Art.-Nr. 526 307

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

Use of the substance/mixture

Washing and cleaning products

Uses advised against

No information available.

1.3. Details of the supplier of the safety data sheet

Manufacturer

Company name:	PMS Thomin GmbH	
Street:	Meckesheimer Str. 7/1	
Place:	D-74939 Zuzenhausen	
Telephone:	+49(0)6226-789330	Telefax: +49(0)6226-7893399
e-mail:	info@pms-thomin.de	
Internet:	www.pms-thomin.de	
Responsible Department:	Frau Baschleben-Thomin +49(0)6226-7893366 heike.baschleben-thomin@pms-thomin.de während der Arbeitszeit erreichbar	

Supplier

Company name:	BLANCO GmbH + Co KG
Street:	Flehinger Str. 59
Place:	D-75038 Oberderdingen
Telephone:	+49 (0)7045 44-81419
e-mail:	service@blanco.de

1.4. Emergency telephone number: Giftnotrufnummer: +49(0)160-92250872 (24 h erreichbar)

SECTION 2: Hazards identification

2.1. Classification of the substance or mixture

Regulation (EC) No. 1272/2008

Hazard categories:
Serious eye damage/eye irritation: Eye Dam. 1
Hazard Statements:
Causes serious eye damage.

2.2. Label elements

Regulation (EC) No. 1272/2008

Hazard components for labelling

6-(1,3-dioxo-2,3-dihydro-1H-isoindol-2-yl)hexaneperoxoic acid
Sulfuric acid, mono-C12-18-alkyl esters, sodium salts
Sulfonic acids, C14-17-sec-alkane, sodium salts

Signal word: Danger

Pictograms:

Hazard statements

H318	Causes serious eye damage.

Precautionary statements

P101	If medical advice is needed, have product container or label at hand.
P102	Keep out of reach of children.
P103	Read carefully and follow all instructions.
P280	Wear eye protection/face protection.
P305+P351+P338	IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
P310	Immediately call a POISON CENTER/doctor.

Additional advice on labelling

Labelling for contents according to regulation (EC) No. 648/2004:
15-30 % phosphates ,5-15 % anionic surfactants ,oxygen-based bleaching agents, < 5 % non-ionic surfactants.

2.3. Other hazards

The substances in the mixture do not meet the PBT/vPvB criteria according to REACH, annex XIII.

SECTION 3: Composition/information on ingredients

3.2. Mixtures

Hazardous components

CAS No	Chemical name			Quantity
	EC No	Index No	REACH No	
	GHS Classification			
128275-31-0	6-(phthalimido)peroxyhexanoic acid			5 - < 10 %
	410-850-8	617-019-00-0		
	Org. Perox. D, Eye Dam. 1, Aquatic Acute 1, Aquatic Chronic 3; H242 H318 H400 H412			
68955-19-1	Alkyl(C12-18)sulfat, Natriumsalz			1 - < 5 %
	273-257-1			
	Skin Irrit. 2, Eye Dam. 1; H315 H318			
97489-15-1	Sulfonic acids, C14-17-sec-alkane, sodium salts			1 - < 5 %
	307-055-2		01-2119489924-20	
	Acute Tox. 4, Skin Irrit. 2, Eye Dam. 1, Aquatic Chronic 3; H302 H315 H318 H412			
9003-11-6	Polyalkylenglykol (POLYMER)			< 1 %

Full text of H and EUH statements: see section 16.

Further Information

General information:
Full text of H- and EUH-statements: see section 16.

SECTION 4: First aid measures

4.1. Description of first aid measures

General information

Move victim out of danger zone.
In case of accident or unwellness, seek medical advice immediately (show directions for use or safety data sheet if possible).

After inhalation

Following inhalation: Move victim to fresh air. Consult physician.
If unconscious place in recovery position and seek medical advice.

After contact with skin

After contact with skin, wash immediately with: Water and soap. In case of skin irritation, seek medical treatment.

After contact with eyes

In case of contact with eyes, rinse immediately with plenty of flowing water for 10 to 15 minutes holding eyelids apart. Subsequently consult an ophthalmologist. Remove contact lenses, if present and easy to do. Continue rinsing.

After ingestion

Let water be drunken in little sips (dilution effect).
Call a physician immediately. IF SWALLOWED: rinse mouth. Do NOT induce vomiting. Caution if victim vomits: Risk of aspiration! Let water be drunken in little sips (dilution effect). If accidentally swallowed rinse the mouth with plenty of water (only if the person is conscious) and obtain immediate medical attention.

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

No information available.

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

Treat symptomatically.

SECTION 5: Firefighting measures

5.1. Extinguishing media

Suitable extinguishing media

Water spray jet / alcohol resistant foam / Carbon dioxide (CO2) / Dry extinguishing powder / Extinguishing powder
Co-ordinate fire-fighting measures to the fire surroundings.

Unsuitable extinguishing media

Full water jet

5.2. Special hazards arising from the substance or mixture

Hazardous combustion products:
Carbon dioxide (CO2).
Carbon monoxide.
Nitrogen oxides (NOx).

5.3. Advice for firefighters

In case of fire: Wear self-contained breathing apparatus.
Wear chemical resistant suit.
In case of fire and/or explosion do not breathe fumes.
Suppress gases/vapours/mists with water spray jet.
German Industry Norms (DIN) / European Norms (EN): DIN EN 469

Additional information

Collect contaminated fire extinguishing water separately. Do not allow entering drains or surface water.
Dispose of waste according to applicable legislation.

SECTION 6: Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures

Wear personal protection equipment.
High slip hazard because of leaking or spilled product.
Avoid contact with skin and eyes.

6.2. Environmental precautions

Contaminated fire-fighting water must be collected separately.
Do not allow to enter into soil/subsoil.
Do not allow to enter into surface water or drains.
Prevent spread over a wide area (e.g. by containment or oil barriers).

6.3. Methods and material for containment and cleaning up

Clean contaminated articles and floor according to the environmental legislation.
Absorb with liquid-binding material (e.g. sand, diatomaceous earth, acid- or universal binding agents).

6.4. Reference to other sections

Safe handling: see section 7
Personal protection equipment: see section 8
Disposal: see section 13

SECTION 7: Handling and storage

7.1. Precautions for safe handling

Advice on safe handling

Avoid contact with skin and eyes.
When using do not eat, drink or smoke.

Advice on protection against fire and explosion

No special precautionary measures are necessary.

Further information on handling

Notice the directions for use on the label.

7.2. Conditions for safe storage, including any incompatibilities

Requirements for storage rooms and vessels

Store only in original container.
Keep container tightly closed in a cool, well-ventilated place.
Conditions to avoid:
UV-radiation/sunlight.
Keep away from food, drink and animal feedingstuffs.
Protect against: frost.

SECTION 8: Exposure controls/personal protection

8.1. Control parameters

Additional advice on limit values

To date, no national critical limit values exist.

8.2. Exposure controls

Appropriate engineering controls

Provide adequate ventilation.
If handled uncovered, arrangements with local exhaust ventilation should be used if possible.
If local exhaust ventilation is not possible or not sufficient, the entire working area should be ventilated by technical means.

Protective and hygiene measures

Do not eat, drink, smoke or sneeze at the workplace. Wash hands before breaks and after work. Remove contaminated, saturated clothing immediately. Protect skin by using skin protective cream. Contaminated work clothing should not be allowed out of the workplace. Wash contaminated clothing before reuse.
Keep awy from: food, feeding stuff

Eye/face protection

Suitable eye protection:
Tightly sealed safety glasses. (DIN EN 166)

Hand protection

Recommendation:
Tested protective gloves are to be worn: German Industry Norms (DIN) / European Norms (EN): EN ISO 374
Suitable material: Butyl rubber. NBR (Nitrile rubber). FKM (fluoro rubber) CR (polychloroprene, chloroprene rubber)
Breakthrough times and swelling properties of the material must be taken into consideration.

Skin protection

Wear suitable protective clothing. (EN 368).

Respiratory protection

With correct and proper use, and under normal conditions, breathing protection is not required.

Environmental exposure controls

Do not allow uncontrolled leakage of product into the environment.

SECTION 9: Physical and chemical properties

9.1. Information on basic physical and chemical properties

Physical state:	Powder
Colour:	white
Odour:	product-specific
pH-Value:	8

Changes in the physical state

Melting point:	not relevant
Initial boiling point and boiling range:	not relevant
Sublimation point:	not relevant
Softening point:	not relevant
Pour point:	not relevant
:	not relevant
Flash point:	not relevant

Flammability

Solid:	not relevant
Gas:	not relevant
Lower explosion limits:	not relevant
Upper explosion limits:	not relevant
Ignition temperature:	not relevant

Auto-ignition temperature

Solid:	not relevant
Gas:	not relevant
Decomposition temperature:	not relevant

Oxidizing properties

not relevant

Vapour pressure:	not relevant
Vapour pressure:	not relevant
Density:	not relevant
Bulk density:	not relevant

Water solubility:	easily soluble
Solubility in other solvents	
not determined	
Partition coefficient:	not relevant
Viscosity / dynamic:	not relevant
Viscosity / kinematic:	not relevant
Flow time:	not relevant
Vapour density:	not relevant
Evaporation rate:	not relevant
Solvent separation test:	not relevant
Solvent content:	not relevant

9.2. Other information

Solid content:	not relevant

SECTION 10: Stability and reactivity

10.1. Reactivity

No hazardous reaction when handled and stored according to provisions.

10.2. Chemical stability

The product is chemically stable under recommended conditions of storage, use and temperature.

10.3. Possibility of hazardous reactions

No hazardous reaction when handled and stored according to provisions.

10.4. Conditions to avoid

Protect against: frost.

10.5. Incompatible materials

No hazardous reaction when handled and stored according to provisions.

10.6. Hazardous decomposition products

The product is chemically stable under recommended conditions of storage, use and temperature.

SECTION 11: Toxicological information

11.1. Information on toxicological effects

Acute toxicity

Based on available data, the classification criteria are not met.

CAS No	Chemical name				
	Exposure route	Dose	Species	Source	Method
128275-31-0	6-(phthalimido)peroxyhexanoic acid				
	oral	LD50 2550 mg/kg	rat	MSDS	OECD 401
97489-15-1	Sulfonic acids, C14-17-sec-alkane, sodium salts				
	oral	ATE 500 mg/kg			

Irritation and corrosivity

Causes serious eye damage.

Skin corrosion/irritation: Based on available data, the classification criteria are not met.

Sensitising effects

Based on available data, the classification criteria are not met.

Carcinogenic/mutagenic/toxic effects for reproduction

Based on available data, the classification criteria are not met.

STOT-single exposure

Based on available data, the classification criteria are not met.

STOT-repeated exposure

Based on available data, the classification criteria are not met.

Aspiration hazard

Based on available data, the classification criteria are not met.

SECTION 12: Ecological information

12.1. Toxicity

No information available.

CAS No	Chemical name					
	Aquatic toxicity	Dose	[h] | [d]	Species	Source	Method
128275-31-0	6-(phthalimido)peroxyhexanoic acid					
	Acute fish toxicity	LC50 0,4 mg/l	96 h	Brachydanio rerio		
	Acute crustacea toxicity	EC50 17,6 mg/l	48 h	Daphnia magna	MSDS	
	Acute bacteria toxicity	(100 mg/l)		Pseudomonas aeroginosa		
97489-15-1	Sulfonic acids, C14-17-sec-alkane, sodium salts					
	Acute crustacea toxicity	EC50 9,81 mg/l	48 h	Daphnia magna		OOECD 202
9003-11-6	Polyalkylenglykol (POLYMER)					
	Acute fish toxicity	LC50 > 100 mg/l	96 h	Cyprinus carpio	MSDS	
	Acute crustacea toxicity	EC50 > 100 mg/l	48 h	Daphnia magna	MSDS	

12.2. Persistence and degradability

The surfactants contained in this mixture comply with the biodegradability criteria as laid down in Regulation (EC) No.648/2004 on detergents. Data to support this assertion are held at the disposal of the competent authorities of the Member States and will be made available to them, at their direct request or at the request of a detergent manufacturer.

CAS No	Chemical name			
	Method	Value	d	Source
	Evaluation			
97489-15-1	Sulfonic acids, C14-17-sec-alkane, sodium salts			
	OECD 301 B aerobic	78 %	28	MSDS
	Readily biodegradable (according to OECD criteria).			
	OECD 301 E	89 %	28	MSDS
	Readily biodegradable (according to OECD criteria).			
	OECD 303 A aerobic	96,2	34	MSDS
	Readily biodegradable (according to OECD criteria).			
9003-11-6	Polyalkylenglykol (POLYMER)			
	OECD 301F	> 60 %	28	MSDS
	Readily biodegradable (according to OECD criteria).			

12.3. Bioaccumulative potential

No indication of bioaccumulation potential.

12.4. Mobility in soil

There are no data available on the preparation/mixture itself.

12.5. Results of PBT and vPvB assessment

The substances in the mixture do not meet the PBT/vPvB criteria according to REACH, annex XIII.

12.6. Other adverse effects

No information available.

Further information

Avoid release to the environment.

SECTION 13: Disposal considerations

13.1. Waste treatment methods

Disposal recommendations

Do not allow to enter into surface water or drains.
Dispose of waste according to applicable legislation.
Consult the appropriate local waste disposal expert about waste disposal.
Consult the appropriate authorities about waste disposal.

Contaminated packaging

Wash with plenty of water..
Completely emptied packings can be re-cycled.
Dispose of waste according to applicable legislation.

SECTION 14: Transport information

Land transport (ADR/RID)

14.1. UN number:	No dangerous good in sense of this transport regulation.
14.2. UN proper shipping name:	No dangerous good in sense of this transport regulation.
14.3. Transport hazard class(es):	No dangerous good in sense of this transport regulation.
14.4. Packing group:	No dangerous good in sense of this transport regulation.

Inland waterways transport (ADN)

14.1. UN number:	No dangerous good in sense of this transport regulation.
14.2. UN proper shipping name:	No dangerous good in sense of this transport regulation.
14.3. Transport hazard class(es):	No dangerous good in sense of this transport regulation.
14.4. Packing group:	No dangerous good in sense of this transport regulation.

Marine transport (IMDG)

14.1. UN number:	No dangerous good in sense of this transport regulation.
14.2. UN proper shipping name:	No dangerous good in sense of this transport regulation.
14.3. Transport hazard class(es):	No dangerous good in sense of this transport regulation.
14.4. Packing group:	No dangerous good in sense of this transport regulation.

Air transport (ICAO-TI/IATA-DGR)

14.1. UN number:	No dangerous good in sense of this transport regulation.
14.2. UN proper shipping name:	No dangerous good in sense of this transport regulation.

14.3. Transport hazard class(es): No dangerous good in sense of this transport regulation.

14.4. Packing group: No dangerous good in sense of this transport regulation.

14.5. Environmental hazards

ENVIRONMENTALLY HAZARDOUS: no

14.6. Special precautions for user

No dangerous good in sense of this transport regulation.

14.7. Transport in bulk according to Annex II of Marpol and the IBC Code

No dangerous good in sense of this transport regulation.

SECTION 15: Regulatory information

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

EU regulatory information

Additional information

Safety Data Sheet according to Regulation (EC) No. 1907/2006 (REACH)

National regulatory information

Water hazard class (D): 2 - obviously hazardous to water

SECTION 16: Other information

Abbreviations and acronyms

ADR: Accord européen sur le transport des marchandises dangereuses par Route
(European Agreement concerning the International Carriage of Dangerous Goods by Road)
IMDG: International Maritime Code for Dangerous Goods
IATA: International Air Transport Association
GHS: Globally Harmonized System of Classification and Labelling of Chemicals
EINECS: European Inventory of Existing Commercial Chemical Substances
ELINCS: European List of Notified Chemical Substances
CAS: Chemical Abstracts Service
LC50: Lethal concentration, 50%
LD50: Lethal dose, 50%

Classification for mixtures and used evaluation method according to Regulation (EC) No. 1272/2008 [CLP]

Classification	Classification procedure
Eye Dam. 1; H318	Calculation method

Relevant H and EUH statements (number and full text)

H242	Heating may cause a fire.
H302	Harmful if swallowed.
H315	Causes skin irritation.
H318	Causes serious eye damage.
H400	Very toxic to aquatic life.
H412	Harmful to aquatic life with long lasting effects.

Further Information

The above information describes exclusively the safety requirements of the product and is based on our present-day knowledge. The information is intended to give you advice about the safe handling of the product named in this safety data sheet, for storage, processing, transport and disposal. The information cannot be transferred to other products. In the case of mixing the product with other products or in the case of processing, the information on this safety data sheet is not necessarily valid for the new made-up material.

(The data for the hazardous ingredients were taken respectively from the last version of the sub-contractor's safety data sheet.)