

EXOLINE® OIL STOP 5L

Oil-Absorbing Adsorbent



SAFETY DATA SHEET

Document ID: SDS-EXO-OS-002-5L | Prepared in accordance with Regulation (EU) 2020/878

SECTION 1: IDENTIFICATION OF THE SUBSTANCE/MIXTURE AND OF THE COMPANY/UNDERTAKING

1.1 Product identifier

Product name	Exoline® Oil Stop 5L
Product code	EXO-OS-002-5L
Net weight:	5 l
Product type	Oil-absorbing adsorbent
Form	Powder
Customs tariff code	3214 90 00
EAN	5060421890227
UFI	See the product label

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

Chemical-free, hydrophobic powder for cleaning water surfaces! Excellent for removing and neutralising oil derivatives and oil contamination from both solid pavements and water surfaces!

Identified use	Oil-absorbing adsorbent, environmental cleaning agent
Use advised against	Food, pharmaceutical and body-contact products not requiring professional qualification.

1.3 Emergency telephone number

Health Toxicology Service (HU)	+36-80-201-199 (24 h, free of charge)
National Poisons Information Service (UK)	+44 344 892 0111
General emergency number	112

1.3 Details of the supplier of the safety data sheet

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SECTION 2: HAZARDS IDENTIFICATION

2.1 Classification of the substance or mixture

Legal basis	Regulation (EC) No 1272/2008 (CLP)
Skin irritation	Category 2 (H315 - Causes skin irritation.)
Serious eye damage	Category 1 (H318 - Causes serious eye damage.)
Airway irritation (STOT SE 3)	H335 - May cause respiratory irritation.

2.2 Label elements

Hazard-determining components: Calcium hydroxide

GHS05



(Corrosive)

GHS07



(General hazard)

Hazard statements (H)

H315	Causes skin irritation.
H318	Causes serious eye damage.
H335	May cause respiratory irritation.

Precautionary statements (P)

P102	Keep out of reach of children.
P261	Avoid breathing dust, fume, gas, mist, vapours, spray.
P262	Do not get in eyes, on skin, or on clothing.
P270	Do not eat, drink or smoke when using this product.
P280	Wear protective gloves, protective clothing, eye protection and face protection.
P271	Use only outdoors or in a well-ventilated area.
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 centre or doctor.
P302+P352	IF ON SKIN: Wash with plenty of soap and water.
P501	Dispose of contents/container in accordance with local regulations.

2.3 Other hazards

- Not classified as a PBT (persistent, bioaccumulative, toxic) or vPvB substance.
- Contact with strong acids may generate corrosive calcium hydroxide.
- Inhalation of dry dust may irritate the respiratory tract.

SECTION 3: COMPOSITION / INFORMATION ON INGREDIENTS

Name	CAS number	EC number	Concentration	Hazard pictogram	H statement
Organic components	65997-16-2	266-045-5	< 30%	GHS05	H315, H318, H335
Calcium hydroxide	1305-62-0	215-137-3	< 70%	GHS05	H315, H318, H335

SECTION 4: FIRST AID MEASURES

4.1 Description of first aid measures

Route of exposure	Action to be taken
Inhalation	Move the affected person to fresh air immediately. In case of breathing difficulty, call a doctor. In case of loss of consciousness, call an ambulance (112).
Skin contact	Wash with plenty of water and soap for at least 15 minutes. Remove contaminated clothing. If skin irritation occurs, seek medical attention.
Eye contact	Rinse IMMEDIATELY with plenty of running water for at least 20 minutes (holding the eyelids open). DO NOT insert spectacles. IMMEDIATE medical attention is required! Toxicology Service: +36-80-201-199.
Ingestion	Do NOT induce vomiting! Rinse the mouth with water. Medical attention is required. In case of unconsciousness, call an ambulance.

4.2 Most important symptoms and effects, both acute and delayed

- Eye irritation, conjunctivitis, in severe cases corneal injury (H318)
- Reddening of the skin, itching, skin irritation (H315)
- Coughing, throat irritation, respiratory irritation in case of dust inhalation (H335)
- In case of long-term repeated exposure: risk of chronic respiratory disease (due to the silicon dioxide content)

4.3 Indication of any immediate medical attention and special treatment needed

In case of eye contact, examination by an ophthalmologist is required. Information for the attending physician: alkaline (pH 11.5-12.5) cement-based product

SECTION 5: FIREFIGHTING MEASURES

Flammability:	Non-flammable dry powder. Does not release flammable vapours.
Suitable extinguishing media:	CO ₂ , dry powder, sand. Water spray is acceptable (not recommended directly on the product).
Unsuitable extinguishing media:	Water jet extinguishing is to be avoided (may disperse the powder).
Special hazards:	In a fire, strongly corrosive calcium oxide (quicklime) may be formed.
Protection of firefighters:	Self-contained breathing apparatus (SCBA) and full protective clothing.

SECTION 6: ACCIDENTAL RELEASE MEASURES

6.1 Personal precautions, protective equipment and emergency procedures

- Avoid dust formation. Use suitable respiratory protection (FFP2/FFP3 mask).
- Wearing eye protection (close-fitting safety goggles) and gloves is mandatory.
- Remove unauthorised persons from the contaminated area.

6.2 Environmental precautions

- Prevent the product from entering drains, watercourses or soil.
- Work must be suspended in strong wind.

6.3 Methods and material for containment and cleaning up

- Collect spilled dry powder by a dust-free method (damp cloth, vacuum cleaner with HEPA filter).
- Do not sweep (dust formation). Place in a closed, labelled waste container.
- Wash the contaminated area with water; collect the water and treat it as waste.

SECTION 7: HANDLING AND STORAGE

7.1 Precautions for safe handling

- Use only in a well-ventilated area. Avoid dust formation.
- Eye protection, gloves and suitable respiratory protection are mandatory (see Section 8).
- Smoking, eating and drinking are prohibited in the work area.
- Wash hands and face thoroughly after work.
- Keep away from electrical equipment and open flame.

7.2 Conditions for safe storage, including any incompatibilities

Storage temperature:	+5°C - +35°C
Humidity:	Keep dry, max. 60% relative humidity
Container:	In the original, airtight sealed bag
Incompatibility:	Store separately from acids, oxidising agents and aqueous solutions.
Storage life:	In the original unopened packaging: 12 months from manufacture
Special note:	Keep out of reach of children!

7.3 Specific end use(s)

Suitable for binding and removing oil contamination, hydrocarbon derivatives and other similar pollutants on solid pavements and water surfaces.

SECTION 8: EXPOSURE CONTROLS

Engineering measures

- Provide local exhaust extraction and general ventilation.
- Remove contaminated clothing immediately.
- Use skin-protection creams.

Personal protective equipment (PPE)

- Eye protection: Safety glasses with close-fitting side shields (EN 166); chemical safety goggles or a face shield are recommended.
- Hand protection: Alkali-resistant protective gloves (EN 374-3), nitrile or neoprene, at least 0.11 mm thick.
- Skin protection: Suitable protective clothing must be worn (long-sleeved clothing, protective trousers).
- Respiratory protection: In case of dust exposure, a respirator fitted with a P2 filter (EN 143) must be used, particularly where ventilation is inadequate.
- Thermal hazards: No thermal hazards are known.
- Environmental exposure controls: The substance must not be allowed to enter drains or watercourses.

SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

Physical state:	Free-flowing powder
Colour:	Greyish white
Odour:	Odourless
Odour threshold:	Not applicable
pH (in solution, 20°C):	11.5 - 12.5 (in cement-water suspension)
Melting point / freezing point:	> 1000°C (calcium silicate phases)
Boiling point:	Not applicable (solid)
Flash point:	Non-flammable
Evaporation rate:	Not applicable
Flammability:	Non-flammable
Explosive limits:	Not applicable
Vapour pressure (20°C):	Not applicable
Vapour density:	Not applicable
Relative density (bulk):	~1.0 - 1.2 kg/l
Solubility (in water):	Partly soluble; sets on hydration
Partition coefficient (log Kow):	Not applicable (inorganic)
Auto-ignition temperature:	Not applicable
Decomposition temperature:	> 840°C ($\text{CaCO}_3 \rightarrow \text{CaO} + \text{CO}_2$)
Viscosity:	Not applicable (powder)
Explosive properties:	None
Oxidising properties:	CaO_2 component has a mild oxidising effect
BET surface area (CaO_2 nanopart.):	~25 m ² /g
Particle size (CaO_2):	~4 µm (D50)

SECTION 10: STABILITY AND REACTIVITY

Reactivity:	On contact with water a hydration reaction starts. CaO_2 releases O_2 in water.
Chemical stability:	Stable when stored dry. Temperature: +5°C - +35°C.
Possibility of hazardous reactions:	Contact with acids generates calcium salts and heat.
Conditions to avoid:	Moisture, direct sunlight, high temperature, acids.
Incompatible materials:	Acids (hydrochloric acid, sulphuric acid), organic solvents, reducing agents.
Hazardous decomposition products:	In a fire: calcium oxide (CaO), possibly CO_2 . CaO_2 on decomposition: O_2 gas.

SECTION 11: TOXICOLOGICAL INFORMATION

11.1 Information on hazard classes as defined in Regulation (EC) No 1272/2008

Toxicological effect	Result / Remark
Acute toxicity (oral)	LD50 (oral, rat): <5000 mg/kg. The classification criteria are not met.
Skin corrosion/irritation	Causes skin irritation (Skin Irrit. 2, H315). Test (rabbit): mild irritation.
Serious eye damage / eye irritation	Causes serious eye damage (Eye Dam. 1, H318). Test (rabbit): mild irritation.
Respiratory/skin sensitisation	Not sensitising. The classification criteria are not met.
Germ cell mutagenicity	The classification criteria are not met.
Carcinogenicity	The classification criteria are not met.
Reproductive toxicity	The classification criteria are not met.
STOT - single exposure	STOT SE 3: H335 - May cause respiratory irritation.
STOT - repeated exposure	The classification criteria are not met.
Aspiration hazard	The classification criteria are not met.

11.2 Endocrine disrupting properties (mandatory under EU 2020/878)

None of the components is identified as an endocrine disrupting substance under Regulation (EU) 2017/2100 or (EU) 2018/605, and none appears on the SVHC list under REACH Article 59(1) on those grounds.

SECTION 12: ECOLOGICAL INFORMATION

12.1 Toxicity

The mixture is not classified as hazardous to the environment. The pH of the product is alkaline (due to its calcium hydroxide content), but it can be neutralised with acetic acid or other weak acids.

12.2 Persistence and degradability

Biodegradable in the environment. Calcium hydroxide is water-soluble and a naturally occurring mineral.

12.3 Bioaccumulative potential

Bioaccumulation is not expected. The logPow value is not applicable to inorganic substances.

12.4 Endocrine disrupting properties (mandatory under EU 2020/878)

The product is a highly disperse fine powder that is strongly water-repellent. It is capable of binding oily contamination present on the water surface

12.5 Results of PBT and vPvB assessment

None of the components of the mixture is classified as a PBT or vPvB substance under Annex XIII to the REACH Regulation.

12.6 Endocrine disrupting properties (mandatory under EU 2020/878)

None of the components has been identified as an endocrine disruptor with respect to either human health or the environment.

12.7 Other adverse effects

The product has a positive effect: it is able to neutralise strongly acidic pH values in water. The product does not deplete oxygen from water.

SECTION 13: DISPOSAL CONSIDERATIONS

13.1 Toxicity

Product: Chemicals must be disposed of in accordance with the EU and national legislation in force (Waste Framework Directive 2008/98/EC).

Packaging Packaging materials must be disposed of in accordance with national legislation.

EWC waste code 17 01 07 Construction and demolition wastes (not classifiable as a compound)

Contaminated packaging Dispose of or reuse in accordance with local regulations.

SECTION 14: TRANSPORT INFORMATION

Mode of transport	UN number	Proper shipping name	Class	Packing group
ADR/RID (road/rail)	Not a dangerous good	-	-	-
IMDG (sea)	Not a dangerous good	-	-	-
IATA (air)	Not a dangerous good	-	-	-

SECTION 15: REGULATORY INFORMATION

Main EU regulation (SDS format): Regulation (EC) No 1907/2006 (REACH), Annex II, as amended by (EU) 2020/878

Classification and labelling: Regulation (EC) No 1272/2008 (CLP)

Poison centre notification (PCN): Regulation (EC) No 1272/2008, Annex VIII – UFI mandatory

Occupational exposure limits: Directive (EU) 2017/164

Waste management: Waste Framework Directive 2008/98/EC

VOC content: Directive 2004/42/EC – not affected (solid)

Biocide / plant protection product: Not applicable

On the SVHC list: None of the components appears on the current SVHC list.

SECTION 16: OTHER INFORMATION

16.1 Indication of changes

Full update in accordance with Regulation (EU) 2020/878: UFI code field added (No 1); endocrine disruptor declaration (Nos 2.3, 11.2.1, 12.6); ATE/SCL data (No 3); expanded Section 9 (EU 2020/878); nanoform characteristics (9.2.2); OEL table (No 8); clarification of PPE.

16.2 Indication of changes

CLP	Classification, Labelling and Packaging
REACH	Registration, Evaluation, Authorisation and Restriction of Chemicals
SDS	Safety Data Sheet
UFI	Unique Formula Identifier
OEL / TWA	Occupational Exposure Limit / Time-Weighted Average
STEL	Short-Term Exposure Limit
PBT	Persistent, Bioaccumulative and Toxic
vPvB	Very Persistent, very Bioaccumulative
SVHC	Substance of Very High Concern
DNEL	Derived No-Effect Level
PNEC	Predicted No-Effect Concentration
ATE	Acute Toxicity Estimate
SCL	Specific Concentration Limit
PPE	Personal protective equipment
ETTSZ	Health Toxicological Information Service (Hungary)

LEGAL NOTICE AND LIABILITY

The information contained in this data sheet is based on the data available on the date of issue. Exoline Ltd. accepts no liability for damage arising from improper use of the product.

The latest version is available at www.exoline.co.uk.

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