

# SAFETY DATA SHEET

## Sorbent Re-absorbent oil

Issue date: 15.07.2022r. Update  
date: 27.03.2023r.

### SECTION 1 IDENTIFICATION OF THE SUBSTANCE/MIXTURE AND IDENTIFICATION BUSINESSES

<b>1.1 Identifier product</b>	Sorbent Re-absorbent oil.					
<b>1.2 Relevant identified use of the substance or mixtures and applications discouraged</b>	Absorption of oil spills from solids and liquids.					
<b>1.3 Details of the supplier of the safety data sheet</b>	Polska Korporacja Recyklingu Sp. z o.o. 15c Metalurgiczna Street, 20-234 Lublin tel: (+48) 512 074 582 e-mail: pawel.marczak@pkrecykling.pl www.pkrecykling.pl					
<b>1.4 Telephone alarm number</b>	<table style="border: none;"> <tr> <td style="border: none;">112</td> <td rowspan="4" style="border: none; vertical-align: middle;">} 24/7</td> </tr> <tr> <td style="border: none;">997</td> </tr> <tr> <td style="border: none;">998</td> </tr> <tr> <td style="border: none;">999</td> </tr> </table>	112	} 24/7	997	998	999
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**SECTION 2 HAZARD IDENTIFICATION**


**In accordance with Regulation (EC) No  
 1272/2008 of 16 December 2008:**

<b>Hazard class</b>	<b>Hazard class and category code</b>	<b>Phrases specifying threat</b>
Skin irritant	Skin Irrit. 2	H315
Skin sensitisers	Skin Sens. 1	H317
Causes serious Eye damage	Eye damage 1	H318
Irritant effect on the eyes	Eye Irrit. 2	H319
Irritating effects on respiratory system	STOT SE 3	H335

**2.1.  
 Classification  
 of the  
 substance or  
 mixture**

<b>Hazard class</b>	<b>Phrases of precaution measures</b>
Keep out of the reach of children.	P102
Do not use before reading and understanding all security measures.	P202
Wear protective gloves/protective clothing/eye protection/face protection.	P280
IN CASE IF SWALLOWED: In case of unwellness contact CENTER DUST/doctor.	P301+P312

	<p><b>IN CASE OF SKIN CONTACT:</b> Wash with plenty of water. If skin irritation or rash occurs: seek advice/care doctor.</p>	<p>P302+P352+P333+P313</p>
	<p>Avoid inhalation of dust. <b>IN CASE OF INHALATION:</b> Remove or bring victim to fresh air and provide breathing space. Immediately contact with the CENTRE DUST/doctor.</p>	<p>P261+P304+ P310+P340</p>
	<p><b>IN CASE OF EYE CONTACT:</b> Rinse carefully with water for a few minutes. Remove contact lenses if present and can be easily removed. Continue to rinse. If eye irritation persists: Get medical advice/referral. under the care of a doctor.</p>	<p>P305+P351+P338+P337+P313</p>
	<p>Remove contaminated clothing and wash before reuse.</p>	<p>P362</p>
	<p>Take the contents/container to an authorised waste collector.</p>	<p>P501</p>

<b>2.2 Label elements</b>	
<b>2.3 Other risks</b>	<ul style="list-style-type: none"><li>• the substance does not bioaccumulate,</li><li>• the substance does not have endocrine disrupting properties in accordance with Article 59(1) and the criteria set out in Commission Delegated Regulation (EU) 2017/2100 or Commission Regulation (EU) 2018/605,</li><li>• the dust generated during use can irritate the respiratory tract,</li><li>• no harmful effects on the environment if the product is used correctly,</li></ul> <p>If you have a history of allergic reaction, avoid contact with the product. If an allergic reaction occurs during use of the product, discontinue use.</p>

**SECTION 3 COMPOSITION/INFORMATION ON INGREDIENTS**

**3.1 Substances**

Recycled polyurethane (PUR) foam, after milling and degassing with varying degrees of fineness. It has hardly, normally and easily flammable fractions.  
 CAS registry number: 9009-54-5  
 Specific concentration limit: not applicable.  
 M-factor: not applicable.  
 Acute toxicity estimate: not applicable.

**3.2 Mixtures**

Substance	EC number	CAS number	Classification according to in accordance with EC No 1272/2008		R-phrases according to the directive 67/548/EEC
PUR (polyurethane) foam	Not applicable	Not applicable	H315 H317 H318 H319 H335	Skin Irrit. 2 Skin Sens. 1 Eye damage 1 Eye Irrit. 2 STOT SE 3	R48/R20/R21/R22 R34 R36/R37/ R38 R39 R41 R42 R43 R66

**Concentration of the substance in the mixture:**  
 100% PUR (polyurethane) foam.

## SECTION 4 FIRST AID MEASURES

### 4.1 Description of the measures first aid

#### **Inhalation exposure:**

First aiders do not need to supply in personal protective equipment. There is a possibility of delayed effects of exposure. Not necessary immediate medical attention. It is advisable to move exposed person from the place of exposure to fresh air. It is not recommended to remove the injured person's clothes and shoes.

#### **Exposure through skin contact:**

First aiders do not need to supply in personal protective equipment. There is a possibility of delayed effects of exposure. Not necessary immediate medical attention. It is not recommended to transfer exposed person from the place of exposure to fresh air. It is not recommended to remove the injured person's clothes and shoes.

#### **Exposure by eye contact:**

First aiders do not need to supply in personal protective equipment. There is a possibility of delayed effects of exposure. Not necessary immediate medical attention. It is not recommended to transfer exposed person from the place of exposure to fresh air. It is not recommended to remove the injured person's clothes and shoes. removal.

#### **Exposure through the digestive system:**

First aiders do not need to supply in personal protective equipment. There is a possibility of delayed effects of exposure. Not is necessary immediate medical attention. It is not recommended to transfer exposed person from the place of exposure to fresh air. It is not recommended removal of the injured person's clothes and shoes and their removal.

### 4.2 Highlights sharp and delayed symptoms and effects

#### **Inhalation exposure:**

Observe health condition to exclude delayed effects (cough, discomfort, irritation, etc.).

#### **Exposure through skin contact:**

Observe health condition to exclude delayed effects (e.g. irritation, burns, redness, rash, inflammation, dryness).

**of exposure**

	<p><b>Exposure by eye contact:</b> Observe health condition to exclude delayed effects (deterioration of vision, burning, redness, tearing, etc.).</p> <p><b>Exposure through the digestive system:</b> Observe health status to exclude delayed effects (vomiting, gastrointestinal irritation, heartburn, bowel problems).</p>
<p><b>4.3. Indication of any immediate medical attention and special treatment needed for the victim</b></p>	<ul style="list-style-type: none"><li>• <b>Inhalation exposure:</b> In case of dusting, go to fresh air. If the victim has been in contact with sorbent which has absorbed the hazardous liquid, provide first aid in accordance with the guidelines for this liquid. After exposure and severe and sudden onset of adverse symptoms, contact a doctor immediately. Repeated inhalation of dust over a prolonged period increases the risk of developing respiratory diseases. In case of exposure, clean the dust from the airways. Depending on the symptoms experienced, professional medical attention may be required. Show the product data sheet in case of contact with a doctor.</li><li>• <b>Exposure through skin contact:</b> In case of dusting, remove product from skin. If the victim has been in contact with sorbent that has absorbed a hazardous liquid, provide first aid according to the guidelines for that liquid. After exposure and severe and sudden onset of undesirable symptoms, contact a doctor immediately. Wash contaminated clothing before next use. In case of contact with a doctor, show the product data sheet.</li><li>• <b>Exposure by eye contact:</b> In case of dusting, flush with water. If the victim has been in contact with sorbent that has absorbed a hazardous liquid, provide first aid according to the guidelines for that liquid. After exposure and severe and sudden onset of adverse symptoms, seek medical attention immediately. Rinse carefully with water for several minutes. Remove contact lenses if present and can be easily removed. Continue to rinse. Depending on the exposure symptoms present, professional medical attention may be required. Show product data sheet in case of medical contact.</li><li>• <b>Exposure through the digestive system:</b> In case of dusting, rinse abundantly with water. If the casualty has been in contact with sorbent which has absorbed the hazardous liquid,</li></ul>



	<p>first assistance should be given according to the guidelines for this liquid. In case of ingestion, contact a doctor immediately. Do not induce vomiting. Rinse out mouth with water. Observe medical condition to exclude delayed effects (abdominal pain, vomiting, nausea, diarrhoea, etc.). In case of contact with a doctor, show the product data sheet.</p>
<p><b>SECTION 5 FIRE-FIGHTING MEASURES</b></p>	
<p><b>5.1 Extinguishing agents</b></p>	<p><b>Suitable extinguishing media:</b>          Water, foam and extinguishing powders.  <b>Unsuitable extinguishing media:</b> Not applicable.</p>
<p><b>5.2. Special hazards associated with the substance or mixture</b></p>	<p>Risk of toxic products during glowing and combustion. In case of insufficient ambient air, the formation of toxic gases is possible: carbon (II) monoxide, nitrogen oxides and hydrogen cyanide. The product contains residual amounts of flame retardants, bromine and chlorine, and their combustion products are hazardous to humans.</p>
<p><b>5.3 Information for fire brigade</b></p>	<p>When extinguishing a fire, wear protective footwear, protective overalls, protective gloves, eye and face protection and breathing apparatus. In the event of combustion of the product after absorption of liquids, use extinguishing agents as for the absorbed liquid.</p>

**SECTION 6: ACCIDENTAL RELEASE MEASURES**

<p><b>6.1 Individual precautions, equipment protection and emergency procedures</b></p>	<p><b>For those belonging to the personnel providing assistance:</b>        In case of dust, use eye protection (goggles), respiratory protection (mask) and ensure adequate ventilation. In case of emergency, follow the occupational health and safety precautions. If necessary, inform the relevant services. Remove source of ignition with extinguishing agent. Control dust by sealing sorbent and thoroughly disposing of used sorbent.</p> <p><b>For those providing assistance:</b>        Personal protective clothing:</p> <ul style="list-style-type: none"> <li>• suitable material: not applicable.</li> <li>• unsuitable material: not applicable.</li> </ul>
<p><b>6.2 Precautions in the field of protection environments</b></p>	<p>Secure sumps. Do not allow contamination of surface water and soil. In the event of serious contamination of any part of the environment, notify the relevant administrative and control authorities, rescue organisations and warn local residents. Dispose of used sorbent in accordance with applicable regulations.</p>
<p><b>6.3. Methods and material for containment and cleaning up to remove contaminants</b></p>	<p>Reduce dusting by proper storage of sorbent (tightly closed, keeping in a closed room not exposed to draught) and thorough disposal of used sorbent. Use a sweeper, industrial Hoover or sieve (in case of water contamination) for collection.</p>
<p><b>6.4 References to other sections</b></p>	<p>5, 8, 12, 13</p>

**SECTION 7 HANDLING AND STORAGE OF SUB-MIXTURES AND MIXTURES**

<p><b>7.1 Precautions for safe handling</b></p>	<p>Do not discharge into drains. Avoid dusting. Do not use in a draught-prone area. Do not eat, drink, smoke or take medication during all handling. Wash hands after use and close product container tightly. Remove contaminated clothing and protective equipment before entering eating areas.</p>
<p><b>7.2 Conditions for safe storage, including information on concerning any mutual discrepancies</b></p>	<p>Store in properly labelled, factory sealed packaging with a label in Polish complying with current regulations. The storage area is to be dry and not exposed to potential sources of ignition.</p>
<p><b>7.3 Specific application(s) final</b></p>	<p>Petroleum substance sorbent.</p>

**SECTION 8 EXPOSURE CONTROLS/PERSONAL PROTECTIVE EQUIPMENT**

<p><b>8.1 Parameters concerning controls</b></p>	<p>No exposure limit value. No national occupational exposure limit values.</p>
<p><b>8.2 Control Exposures</b></p>	<p><b>Technical control measures used:</b>        See section 7.  <b>Individual protection measures such as personal protective equipment:</b></p> <ul style="list-style-type: none"> <li>• <b>respiratory protection:</b>          Prophylactic use of upper respiratory protection is recommended during use, particularly in case of dusting. Ensure adequate ventilation (local exhaust ventilation system). In case of dust contamination exceeding the standard values, protective masks with cartridge or absorber suitable for the working conditions should be used in accordance with Directive 89/686/EC. Replace the respiratory protective equipment used in accordance with the manufacturer's recommendations.</li> </ul>

- **hand protection:**

During use, the prophylactic use of gloves resistant to abrasion (mechanical agents) and alkaline environments (chemical agents) is recommended (in accordance with 89/686/EEC of 21 December 1989). Gloves protecting against chemical agents should meet the requirements of EN

374 which relate to: resistance to chemical permeation, resistance to permeation, minimum glove length, and mechanical properties (abrasion, cut and puncture resistance and tear strength). The required material is plastic and rubber (e.g. latex, neoprene, vinyl, nitrile or PVA). Plastic gloves should be lined inside with a material that protects against excessive perspiration and absorbs the resulting sweat, e.g. cotton. Wash hands after handling the product. Do not eat, drink, smoke or take medication while working. Replace damaged gloves (torn, worn, etc.) which do not provide sufficient safety for the user.

- **eye protection:**

During use, preventive eye protection is recommended (in accordance with 89/686/EEC of 21 December 1989 - goggles of optical class 1, i.e. for work with particularly high demands on visibility and intended for continuous use). Use the goggles in accordance with the manufacturer's recommendations (according to the expiry date, number of uses, etc.). If the manufacturer does not specify an expiry date for the safety goggles, replace them with new ones in the event of visible damage through which the product does not protect us from exposure.

- **skin protection:**

Use work boots and closed long-sleeved, long-legged clothing. Change and clean contaminated clothing before re-use. Wash hands and face before breaks and after handling the product.

**Environmental exposure controls:**

If necessary, take appropriate environmental protection measures for dust emissions into the air. Keep the product away from drains and open waters. The product does not pose risks to the soil and ground surface.

## SECTION 9 PHYSICAL AND CHEMICAL PROPERTIES

### 9.1 Information on basic properties: physical and chemical

- Physical state: solid
- Colour: beige.
- Odour: odourless.
- Melting point/freezing point: not applicable.
- Boiling point or initial boiling point and boiling range: not applicable.
- Flammability of materials: The substance may ignite or become set on fire.
- Lower and upper explosion limits: not applicable.
- Flash point: not applicable.
- Auto-ignition temperature: not applicable.
- Decomposition temperature: not applicable.
- pH: not determined.
- Kinematic viscosity: not applicable.
- Solubility: insoluble in water.
- Partition coefficient n-octanol/water: not determined.
- Vapour pressure: not applicable.
- Bulk density:  $53.0\text{g}/\text{dm}^3 \pm 5.30\text{g}/\text{dm}^3$ .
- Relative vapour density: not applicable.
- Characteristics of the molecules: polyurethane foam is composed of very large molecules, in which the repetitive element that can combine with other radicals is urethane. It is composed of open cells that are interconnected combined. The 0.125-4mm fraction represents a minimum of 94.95%.

### 9.2 Other information

No additional information available.

**SECTION 10 STABILITY AND REACTIVITY**

<b>10.1 Reactivity</b>	Under correct application conditions it is not chemically reactive. The product does not react with liquids (with the exception of special solvents for PUR foam).
<b>10.2 Stability chemical</b>	Chemically stable under normal ambient conditions and at the anticipated temperature and pressure during storage and handling. Shelf life when stored properly is unlimited.
<b>10.3 Possibility of hazardous reactions</b>	Possibility of hazardous reactions on contact with peroxides.
<b>10.4 Conditions to avoid</b>	Contact with strong oxidisers can cause spontaneous combustion.
<b>10.5 Incompatible materials</b>	Oxidants and peroxides.
<b>10.6. Hazardous decomposition products</b>	The insufficiency of air during the incandescence/combustion of the product results in the formation of toxic gases: carbon monoxide (II), nitrogen oxides and hydrogen cyanide.

**SECTION 11 TOXICOLOGICAL INFORMATION**

<b>11.1 Information on on hazard classes defined in Regulation (EC) No 1272/2008</b>	<b>Hazard class</b>	<b>Hazard class and category code</b>	<b>Returns specifying the risk</b>
	Skin irritation	Skin Irrit. 2	H315
	Action skin sensitisers	Skin Sens. 1	H317
	Causes serious eye damage	Eye damage 1	H318
	Irritating effects on the eyes	Eye Irrit. 2	H319
	Irritating effects for respiratory tract	STOT SE 3	H335



	It has no toxic properties. Harmful health effects of exposure are unlikely to occur if the product is used as recommended. Inhalation of dust may lead to irritation of the upper respiratory tract. Mechanical irritation of the skin and eye irritation may occur. There is a risk of ingestion and the health effects are not known.
<b>11.2 Information about other risks</b>	Not applicable.
<b>SECTION 12: Ecological information</b>	
<b>12.1 Toxicity</b>	Non-toxic substance.
<b>12.2 Persistence and capacity for distribution</b>	Meets the requirements of a highly durable substance.
<b>12.3 Ability to bioaccumulation</b>	No data available.
<b>12.4 Mobility in the soil</b>	Insoluble in water.
<b>12.5 Results of PBT assessment and vPvB</b>	Not applicable.
<b>12.6 Properties disruptive functioning of hormonal system</b>	According to Regulation ((EC) No 1907/2006, (EU) 2017/2100, (EU) 2018/605), the substance is not classified as an endocrine disruptor.
<b>12.7 Other harmful effects</b>	According to EC Regulation 1272/2008, the substance is not classified as hazardous.



<b>SECTION 13. Waste treatment</b>	
<b>13.1 Disposal methods waste</b>	The used sorbent should be collected and handed over to a specialised company for disposal adjusting the packaging to the requirements of the recycler. It is not advisable to dispose of the waste in sewage.
<b>SECTION 14 TRANSPORT INFORMATION</b>	
<b>14.1 UN number or identification number ID</b>	Not applicable.
<b>14.2 Correct transport name UN</b>	Not applicable.
<b>14.3. Hazard class(es) in transport</b>	Not applicable.
<b>14.4 Packing group</b>	Not applicable.
<b>14.5 Threats to environments</b>	The substance is not hazardous to the environment in accordance with the criteria of the UN Model Regulations (in accordance with ADR, RID and ADN). The product, when transported in an appropriate manner, does not cause marine pollution in accordance with the IMDG Code and emergency response procedures concerning ships carrying dangerous goods.
<b>14.6 Special precautions for users</b>	No requirements.
<b>14.7 Sea transport in bulk in accordance with the instruments of IMO</b>	Not applicable.

## SECTION 15 REGULATORY INFORMATION

**15.1 Safety,  
health and  
security  
legislation  
environments  
specific to  
substance  
s and  
mixtures**

- Law of 25.02.2011 on chemical substances and their mixtures (Journal of Laws 2011, No. 63, item 322, as amended).
- Regulation (EC) No 1272/2008 of 16 December 2008 on classification, labelling and packaging of substances and mixtures.
- Commission Regulation (EU) No 453/2010 of 20 May 2010 r.
- Ordinance of the Minister of Health of 02.09.2003, on the criteria and classification of chemical substances and preparations (JO 2003 No 171, item 1666).
- Act of 09.01.2009 amending the act on chemical substances and preparations and some other acts (Journal of Laws 2009 No. 20, item 106).
- Ordinance of the Minister of Health of 13 November 2007 on the Safety Data Sheet (Journal of Laws 2007 no. 215, item 1588).
- Regulation of the Minister of Health and Social Welfare of 30.05.1996, on the conduct of medical examinations of employees, the scope of preventive health care over employees and medical certificates issued for the purposes provided for in the Labour Code (Dz. U. No. 69/1996, item 332, as amended).
- European Agreement concerning the International Carriage of Dangerous Goods by Road (ADR) of 30 September 1957 (Journal of Laws 194/2002, item 1629 with amendments published in the form of Government Declarations in the Official Journals of the Republic of Poland).
- Act of 28 October 2002. On road transport of hazardous materials (Journal of Laws No. 199/2002, item 1671, as amended).
- Waste classification in accordance with the Regulation of the Minister of the Environment of 09.12.2014 on the waste catalogue (Journal of Laws 2015, item 1923).
- Regulation of the Minister of Economy, Labour and Social Policy of 18 December 2002 on permissible concentrations of harmful factors for health in the working environment (Journal of Laws No. 217/2002, item 1833, as amended in the Journal of Laws of 2005. No 212, item 1769).

**15.2**  
**Chemical safety**  
**assessment**

A chemical safety assessment has not been carried out for the substance.

**SECTION 16 OTHER INFORMATION**

**Changes to the safety data sheet made on 27.03.2023:** Sections: 1.3., 1.4., 2.1., 2.2., 2.3., 3.1., 3.2., 4.1., 4.2., 4.3., 5.1., 5.3., 6.1., 6.3., 6.4., 7.1., 7.3., 8.1., 8.2., 9.1., 10.1., 10.2., 11.1., 12.1., 12.2., 12.3., 13.1., 14.3., 14.5. Section 11.2. has been added.

The employer must ensure that workers read, understand and comply with the requirements set out in the Safety Data Sheet. The employer must ensure that the protective equipment is suitable for the activity and meets all quality requirements, including maintenance and cleaning in accordance with Directive 89/686/EC.

**R signs:**

R48/R20/R21/R22- poses a serious health risk after prolonged exposure. Harmful by inhalation, in contact with skin and if swallowed. R48/R22- Harmful by inhalation. Causes serious damage to health by prolonged exposure.

R34- causes burns

R36/R37/ R38- irritates the eyes, respiratory tract and skin.

R39- risk of very serious irreversible effects. R41- risk of serious damage to eyes.

R42- may cause sensitisation by inhalation.

R43- may cause sensitisation by skin contact.

R66- Repeated exposure may cause skin dryness or cracking.

1. S. T. McKenna T. R. Hull 'The fire toxicity of polyurethane foams' *Fire Science Reviews* (2016) 5:3 (section 5.2.);
2. COUNCIL DIRECTIVE of 21 December 1989 on the approximation of the laws of the Member States relating to personal protective equipment (89/686/EEC);
3. REGULATION OF THE EUROPEAN PARLIAMENT AND OF THE COUNCIL 1272/2008 of 16 December 2008 on classification, labelling and packaging of substances and mixtures, amending and repealing Directives 67/548/EEC and 1999/45/EC, and amending Regulation (EC) No 1907/2006;
4. REGULATION (EC) NO 1907/2006 OF THE EUROPEAN PARLIAMENT AND OF THE COUNCIL of 18 December 2006 concerning the Registration, Evaluation, Authorisation and Restriction of Chemicals (REACH) and establishing a European Chemicals Agency, amending Directive 1999/45/EC and repealing Council Regulation (EEC) No 793/93 and Commission Regulation (EC)

No. 1488/94, as well as Council Directive 76/769/EEC and Commission Directives 91/155/EEC, 93/67/EEC, 93/105/EC and 2000/21/EC;

5. Commission Regulation (EU) 2020/878 of 18 June 2020 amending Annex II to Regulation (EC) No 1907/2006 of the European Parliament and of the Council concerning the registration, evaluation, authorisation and restriction of in the field of chemicals (REACH).

The above information is based on the current state of knowledge under current legislation and applies to the product when it is used as intended. The data for this product are presented to address safety requirements and not to guarantee its specific properties. If the conditions of use of the product are not under the control of the manufacturer, the responsibility for the safe and effective use of the product falls on the user.