



ORS-Sorb® Completely recyclable materials

MICORS



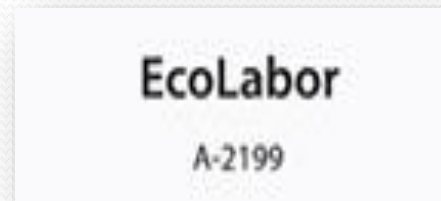
ORS-Sorb® Unique absorbent material for recovering oil from water surface

Company Profile 公司介绍

- The original material was invented and original production equipment developed by a Finnish researcher already at the 90's. Since then continuous product development has been made. Based on gained experiences and test results during substantial accidents in the field, like Exxon Valzed, new features has been developed. Today we are able to offer excellent product quality with outstanding performance.
- 最初的材料是由芬兰研究人员在90年代发明的，最初的生产设备是由芬兰研究人员开发的。从那时起，产品不断发展。根据在如埃克森美孚等重大事故中获得的经验和试验结果，开发出了新的功能。今天我们能够提供卓越的产品质量和卓越的性能。
- Company Oy Operative Recovery Solutions JMR Ltd was founded 2011 in Finland. Product development is now made in cooperation with Finnish and international professionals.
- Oy Operative Recovery Solutions JMR有限公司于2011年在芬兰成立。现在产品的开发是在芬兰和国际专业人士合作间完成。
- The first mobile production unit was built at the end of 2012. During 2012-2014 several tests, research and product development was done. New investors was also found in 2014 which enabled strengthening of company resources in product development and internationalization.
- 在2012年底第一个移动生产单元建成使用。在2012-2014年期间，公司进行了多项测试、研究和产品开发工作。2014年还引入了新的投资者，这使得公司在产品开发和国际化方面的资源得到了加强。
- Today Oy Operative Recovery Solutions JMR Ltd (ORS) is known as a forerunner in developing innovative and state-of-the-art recovery solutions and products for recovering oil from the water surface.
- 今天，Oy Operative Recovery Solutions 被誉为用于从水面回收石油方面，创新和最先进的回收解决方案和产品的先驱。
- Our core business is to provide solutions for cleaning and recovery of oil spills based on ORS-Sorb technology. Products are suitable for all liquids. ORS-Sorb® is a registered trade mark.
- ORS SORB®是公司的注册商标。我们的核心业务是提供基于ORS SORB技术的溢油清洁和回收解决方案，产品适用于所有液体。
- We are offering solutions and services for various industry branches and agriculture in the international markets.
- 我们为国际市场上的各种工业部门和农业提供解决方案和服务。

Certificates and safety reports

证书和安全报告



Application area 应用领域



Oil companies

石油公司

Upstream - exploratory drilling 上游-勘探钻井
Distribution - Fuel transportation tank trucks and Filling stations - car services and repairs 运
销-燃料运输油罐车和加油站，汽车服务和修理



Industry

工业

Paints, coatings, solvents
Hydraulic machines and equipment
油漆、涂料、溶剂、液压机械和设备



Logistic centers

物流中心

Storing and transporting of liquid
substances 液体物质的储存和运输



Authorities and organizations

官方当局和组织

Ocean Rescue Departments Fire Rescue
Departments 海上救援部门消防救援部门

Product 产品

ORS-Sorb® ORIGINAL 原版

for liquids less dense than water ORS SORB®原版对于密度小于水的液体 Ecological, biodegradable, Non-toxic, Floating , No leaking once the oil is absorbed into the capillary pipes.

生态, 可生物降解, 无毒, 漂浮, 一旦油被吸收进毛细管就不会泄漏。

Absorbs all liquids/oils less dense than water, such as crude oil, fuels incl. diesel, without absorbing any water. Water becomes completely clean.

在不吸收任何水的情况下, 吸收比水低的所有液体/油, 如原油、燃料(包括柴油), 水变得完全干净。



ORS-Sorb® SPECIAL 特殊

for all liquids 适合所有液体

Ecological, biodegradable, Non-toxic , No leaking once the liquid is absorbed into the capillary pipes.

生态, 可生物降解, 无毒, 一旦液体被吸收到毛细管中就不会泄漏。

Absorbs all liquids including oils, paint, glycol etc.

吸收所有液体, 包括油、油漆、乙二醇等。



ORS-Sorb® PILLOW 枕头

for liquids less dense than water

ORS SORB®枕头对于密度小于水的液体

ORS-Sorb® Pillow is develop for the continuous usage in oil traps and boat bilges for the collection of oils and other environmentally hazardous liquids.

ORS SORB®枕头是为持续使用于集油器和船舱底, 以收集油和其他对环境有害的液体而开发的。

ORS-Sorb® Pillow is available in three different sizes.

Ors Sorb®枕头有三种不同尺寸。

Can be used a continuous period of 3 months or until full capacity is absorbed.可连续使用3个月或直至完全吸收容量。

产品优势

Recycling 循环

- Recovered oil can be compressed out from the absorbent for reuse
回收的油可以从吸收剂中压缩出来重新使用。
- By burning通过燃烧
- ORS-Sorb® absorbent material can be easily burned. Burning process doesn't create much ash and is environmentally safe way to dispose the waste.
- ORS SORB®吸附剂材料容易燃烧。燃烧过程不会产生太多的灰烬，是处理废物的环保方法。
- By pressing通过挤压
- Pressed oil can be reused. After the pressing process about 7-10% of oil remains is left in the waste. Remaining waste can be handled in two ways
- 挤压的油可以重复使用。在压制过程之后，大约7-10%的油残留在废料中。剩余的垃圾可以通过两种方式处理
- a. By burning通过燃烧
- b. By using a microbe treatment to remove the oil(the process will take about 1-2 months)
- 通过微生物处理去除油（该过程大约需要1-2个月）
- Once the absorbent material is clean the waste can be used as a fertilizer (contains 26% of nitrogen). Absorbent waste is biodegradable and doesn't contain any toxics. Non-toxicity test report is available.
- 一旦吸附材料清洁后，废物就可以用作肥料（含26%的氮）。吸附性废物是可生物降解的，不含任何有毒物质。提供无毒性试验报告。
- Disposal of ORS-Sorb® Pillow ORS SORB®枕头的处理
- Pillow products can be sealed to its sales package and disposed through waste oil collection point枕头产品可以密封于其销售包装内，并通过废油收集点进行处理。

Green alternative 清洁绿色替代品。

- Completely recyclable materials完全可回收材料
- Suitable for all liquids适用于所有液体
- The recovery process does not produce any hazardous waste回收过程不会产生任何有害废物。
- Recovered oil can be compressed out from the absorbent for reuse回收的油可以从吸收剂中压缩出来重新使用。
- Remaining used absorbent can be recycled剩余使用的吸收剂可以回收利用。
- After a simple bacterial treatment ORS-Sorb® material can be used as soil fertilizer经过简单的细菌处理后，SORB®材料可以用作土壤肥料。