

2025

Odorban -環保除臭

GREENCHEM





南良集團

NAM LIONG GROUP

USA

Glomex Inc



1972年南良實業成立以科技類與功能性產品為主軸，輔以各項特殊防護材料，成為一個全方位之材料供應商，2020年南良國際合併上櫃記為「南良國際(股)公司」，全球佈局50多家工廠，遍佈於中國、越南、泰國、印尼、美國、澳洲等十多個國家，涉及6大產業，運動休閒衣著及用品產業\戶外活動衣著及用品產業\個人安全防護相關用品產業\健康產業及醫療用品產業\現代化科技農業及綠色食品生技產業綠能節能及數位元件產業

CHINA



- Guangdong factory area
- Fujian factory area
- Shanghai Branch
- Jiangsu factory
- Zhejiang factory

TAIWAN

Headquarter



INDIA

VIETNAM

- Southern Vietnam area
- Northern Vietnam area



Indonesia



公司介绍



成立

1999年成立，專司於研發符合環保理念之功能性特用化學產品
Founded in 1999, specified in substantial and green concept chemicals.

拓展

2004年，為拓展大陸及國際市場，在上海嘉定成立「上海嘉旭應材科技有限公司」
In order to serve customer throughout the world, Greenchem has set up a branch in Shanghai in 2004.

上櫃

2010年嘉良特化併入寶聯通(2000年上櫃)
In 2010, Greenchem was acquired by Prolink.(OTC-listed company in 2000.)

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產品概述

PART 01

產品概述



ODORBAN消臭技術是一種綠色且環保的解決方案，可消除面料上殘留異味。

- 廣譜：可處理多種氣味氨氣，吡啶、異戊酸、壬烯醛等。
- 常效：作用機制是循環式，而非一次性吸附，因此效果不會因為「吸滿」就衰退。並擁有高耐水洗性。

產品概述



- 低溫活性：在室溫就能啟動分解，人體正常穿著環境即可持續作用，不需要陽光曝曬或高溫觸發。
- 無香掩蓋：不靠濃郁香精蓋味，終端產品保持「無味」本身，降低消費者對香精過敏的風險。

產品概述

臭味來源



加齡臭

2-壬烯醛分泌增加：隨著年齡增長，人體新陳代謝減緩，皮膚表面的 ω -7不飽和脂肪酸氧化、降解產生2-壬烯醛。



尿液

尿液沾染到面料上，嬰幼兒、成人尿布溢滿後的氣味。（氨氣）



排泄物臭味

氨氣、乙酸、硫化氫、吲哚等難聞臭味其他化學物質。



體臭問題

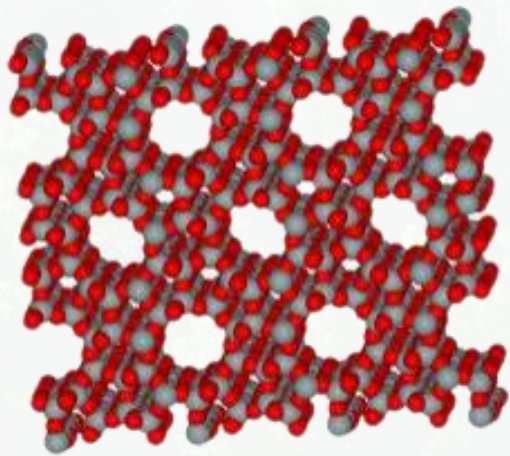
正常生活範圍中汗水的排除致使醋酸味散發到空氣中。（醋酸）

產品功能

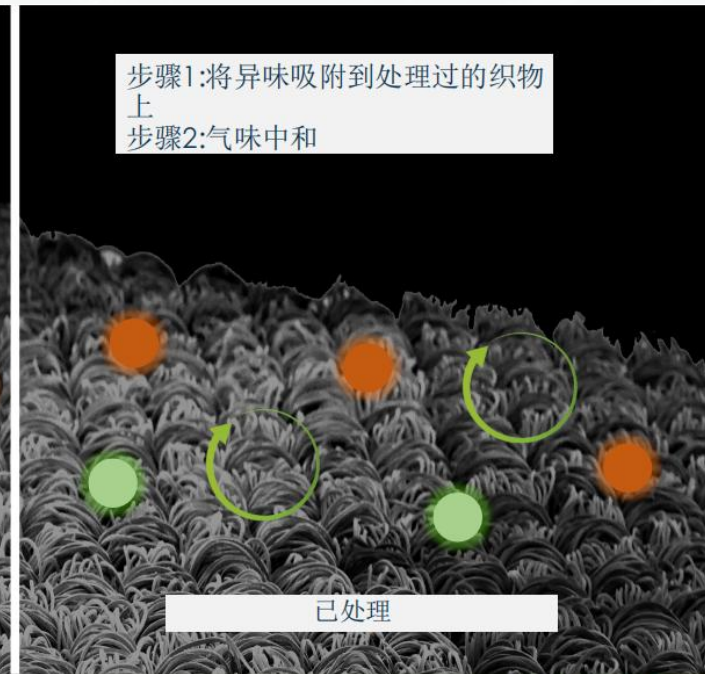
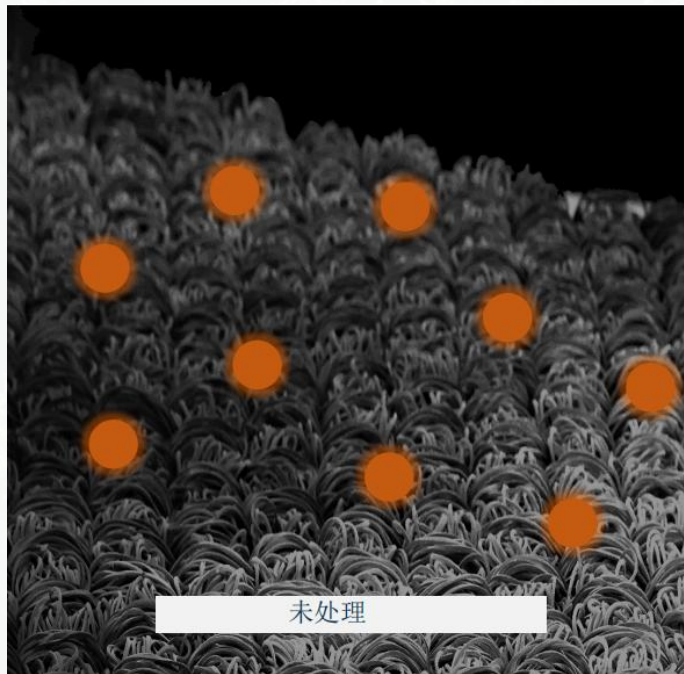
PART 02

產品功能

作用機制-吸附



普通觸媒是「單層平面」，活性位點少、氣流一滑而過；Odorban利用蜂窩得結構，蜂窩把平面折成並排六角孔，孔深+六面牆同時上陣，接觸面更廣，氣體在孔內來回碰撞，停留時間更久，同樣的面積捕捉-捕捉的更快，範圍更廣。



產品功能

作用機制-吸附

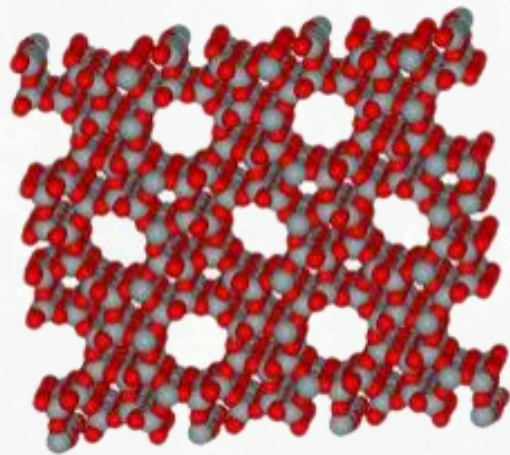
有機礦物質複合物

有機礦物質呈現多孔微晶結構，表面積高，吸附容量相較於一般的大，可快速捕獲並鎖定異味分子，結構穩定，環保，不傷身，是長效清新的核心。

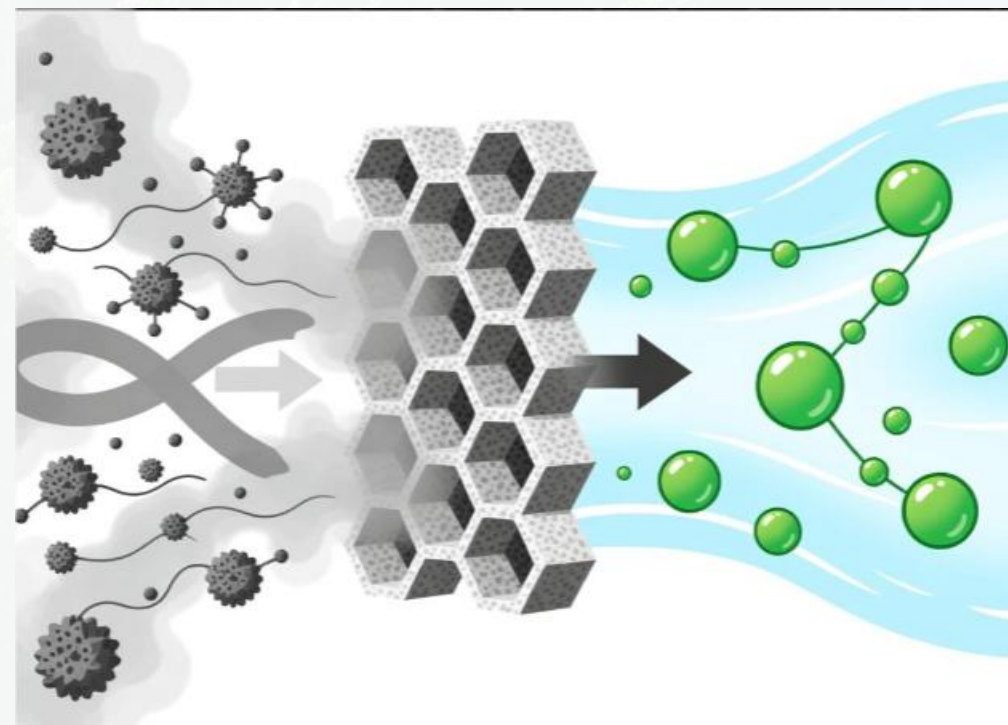


產品功能

作用機制-吸附分解



吸收氣味分子,將大量異味分子存儲,並在微量光合作用中,持續分解,騰出空間,達成循環除臭。



產品應用

PART 03

產品應用



服飾



濾網



鞋襪



汽車內飾



家紡

產品認證

PART 04

安全認證



No migration to the skin
不會釋放到皮膚

Excellent skin tolerance (OECD 406, HRIPT)
無皮膚刺激性

No migration to the environment
不會釋放到環境中



Free of heavy metals, Silver, TBT,
Formaldehyde,
Triclosan, Arsenic,...
無重金屬、銀、TBT、甲醛、三氯沙、
砷....
Non toxic to waste water bacteria
(activated sludge)
and biodegradable (OECD 209 and
302B)
對廢水細菌(活性污泥)無毒且具
生物可降解性(OECD 209 及302B)

安全認證



不遷移到皮膚
不對環境造成遷移
優異的皮膚耐受性(OECD 406 , HRIPT)
不含重金屬



Beta實驗室測試



Beta Analytic
TESTING LABORATORY

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4985 SW 74th Court
Miami, FL 33155 USA
Tel: 305-667-5167
Fax: 305-663-0964
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ISO/IEC 17025:2017-Accredited Testing Laboratory

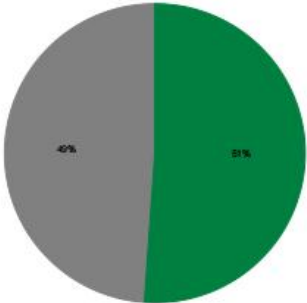
Summary of Results - % Biobased Carbon Content
ASTM D6866-22 Method B (AMS) TOC

Certificate Number: 520322631336130277
Validation: 

Submitter	Xxxxxxx
Company	Greenchem International Co., Ltd.
Date Received	June 23, 2022
Date Reported	June 30, 2022
Submitter Label	Odorban&Fresh / (USDA Application# 10809)

RESULT: 51 % Biobased Carbon Content (as a fraction of total organic carbon)

Laboratory Number	Beta-631336
Percent modern carbon (pMC)	51.16 +/- 0.17 pMC
Atmospheric adjustment factor (REF)	100.0; = pMC/1.000



Biobased Carbon

Fossil Carbon

Precision on the RESULT is cited as +/- 3% (absolute). The cited precision on the analytical measure (pMC) is 1 sigma (1 relative standard deviation). The reported result only applies to the analyzed material. The accuracy of the RESULT relies on the measured carbon in the analyzed material having been in recent equilibrium with CO₂ in the air and/or from fossil carbon (more than 40,000 years old) such as petroleum or coal. The RESULT only applies to relative carbon content, not to relative mass content. The RESULT is calculated by adjusting pMC by the applicable "Atmospheric adjustment factor (REF)" cited in this report

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Package received - labeling COC

Representative content (1mm x 1mm scale)

Representative sample analyzed (1mm x 1mm scale)

Disclosures: All work was done at Beta Analytic in its own chemistry lab and AMSs. No subcontractors were used. Beta's chemistry laboratory and AMS do not read or measure artificial C 14 used in biomedical and environmental AMS studies. Beta is a C14 tracer-free facility. Validating quality assurance is verified with a Quality Assurance report posted separately to the web library containing the PDF downloadable copy of this report.

Precision on the RESULT is cited as +/- 3% (absolute). The cited precision on the analytical measure (pMC) is 1 sigma (1 relative standard deviation). The reported result only applies to the analyzed material. The accuracy of the RESULT relies on the measured carbon in the analyzed material having been in recent equilibrium with CO₂ in the air and/or from fossil carbon (more than 40,000 years old) such as petroleum or coal. The RESULT only applies to relative carbon content, not to relative mass content. The RESULT is calculated by adjusting pMC by the applicable "Atmospheric adjustment factor (REF)" cited in this report

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 **GREENCHEM**

加工方式

ODORBAN可以應用於浸浴法（紗線和成衣）、浸軋法（針織和梭織面料）



筒紗染色設備機



溢流噴射



成衣水洗機



烘乾定型機

聯繫方式



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感謝觀看