

The World Best Quality Sulphur Bentonite 'Solo Agri S90'



COMPANY NEWS

South Korea

Saekwang Chemical Industrial Company Limited, a wholly owned subsidiary of Saekwang Chemical Group in South Korea, has completed its sulphur bentonite fertilizer factory at Onsan Petrochemical Industrial Complex in Ulsan, South Korea. The unit has a capacity of 60,000t/yr in the first phase in November 2011. The company invested about \$15mn as equity.

The factory site at Ulsan is capable of further expansion and could allow four production lines, boasting a total of 120,000t/yr in the second phase. The company sources sulphur as raw material from S-Oil, one of the largest oil refineries in Korea. The company is also considering to add zinc, iron, magnesium and borax to sulphur for its future line up of products.

Other projects related to high value and technology sulphur based programs are planned as well. Sulphur bentonite is a micronutrient that provides direct nutritive value to crops and help amend sulphur deficient soils. Potential markets are China, Australia, New Zealand, Indonesia, Malaysia, India and Asian countries. The factory has been in full operation since January 2012. Currently, the company is proceeding a registration of the product in China and exporting their products to Australia.



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Environment-friendly Agricultural & Organic Inputs Product		[O] 농가사 (National Notice) [] 농허인증서 (Quality Certification)	
Notice Number	National Notice 2-1-34		
Company Name	H Sulphur Corp.	Chief Executive Officer	YOON-CHEAL YOO
Company Address	9th, 7th Fl., Yousem Bldg, 209 Dinsabokm Gangnam-Gu Seoul Korea		
Factory Location	JH, Yangju-My, Nam-Gu, Ulsan Korea		
Organic Input Type	Soil Amendments and Crop Fertilizer		
Brand name	Solo Agri		
Applied Crop	Citrus Citrus, Lettuce, Hot Pepper, Cucumber, Bean, Tomato, Rice		
Applied Pest			
Expiration Date	November 1, 2012 - January 31, 2013		
In accordance with Article 27 of the ENVIRONMENT-FRIENDLY AGRICULTURE PROMOTION ACT, I hereby certify that the product above is listed on the National Notice List of Environment-Friendly Agricultural & Organic Inputs in the Republic of Korea.			
Date of Issue : November 1, 2012			
Dean of University-Industry Cooperation Foundation, KANGWON NATIONAL UNIVERSITY			

Solo Agri S90(Sulphur Bentonite) is one of the listed products as "Environment – friendly Agricultural & Organic Inputs" in Korea and it is also strictly monitored by the Government authority of the Republic of Korea regularly.



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Since 1981



H Sulphur Corp.



H Sulphur Corp.

Introduction

H sulphur Corp. in Korea was established in November 20, 1981.

We source molten sulphur from the reliable domestic oil refineries in Korea as raw materials for our products.

We supply our products to the various industries as fertilizers, caprolactams, detergents, tires, rubbers and agricultural chemicals. Also, we set and lined up automated manufacturing facilities to meet the increasing demand from the customers.

Especially, we are continuously investing on research and development to guarantee highest quality to the customers and proud of on time and stable delivery. In addition, we have a good reputation as an oil processor and trader for tire, rubber, lubricant, and solvent industries.



- 1981** Established Saekwang Chemical Ind. Co., Ltd.
- 1986** Registered GyungJu Plant in December(No. : 204356)
- 1993** Built additional factories and completed the construction of a new powder Plant
- 1996** Newly built a sulphur flake processing Plant and introduced a steel belt system(from Germany)
- 1999** Designated as a Promising Advanced Technology Enterprise
- 2003** Obtained ISO 9001 Certification (Gyungju Plant)
- 2008** Obtained ISO 14001 Certification (Gyungju Plant)
- 2011** Completed the construction of Sulphur Bentonite manufacturing Plant in Onsan
- 2012** Acquired international patent for Insoluble Sulphur Manufacturing Process
- 2014** Removed factories to Ulsan and consolidated them into one site
- 2014** Changed company name from Saekwang Chemical Company Limited to H Sulphur Crop.
- 2015** Obtained ISO 9001 Certification (Ulsan Plant)

History

Solo Agri S90 Sulphur Bentonite



Sulphur Bentonite for Agricultural uses, “Sulphur Fertilizer”

Sulphur Bentonite is the most effective fast and slow releasing water degradable 90% sulphur fertilzier

- Sulphur Bentonite granules disperse into minute particles when contacting with water or moisture and change into sulphate for plant uptake
- General elemental sulphur, though available in large quantities, can't be used as agricultural nutrient properly as it is not soluble in water and its melting point is 118°C which is much higher than ordinary temperature

Specification

- Sulphur contents : 90%
- Size : Dia 2.5~5mm, H 1.2~1.8mm
- Shape : Spilt pea shaped pastilles

Packing

- Export standard packing in 20kg pe or 1MT pp woven bag

Features

- Sulphur Bentonite pastilles are designed and sized to blend very well with other compound fertilizers(Bulk Blending)
- Sulphur Bentonite has such special features as fast reacting and slow releasing suitable for the season long growth of the crops
- In 6 months after spreading it, almost 80% of Solo Agri S90(Sulphur Bentonite) can be converted into SO_4^{-2} for crop uptake
- Sulphur Bentonite boosts the plant uptake of P, K, B, Fe, Mg, Zn, etc. when used together
- Sulphur Bentonite is much more economical than any other sulphur sources such as SSP, AS, TSP and Gypsum



Recommendable Applying Quantity by Crops, kg/1,000m²(10a)

Crops	Apply Quantity	Crops	Apply Quantity
Rice	2~2.5	Chili, Cucumber	6
Wheat, Barley	2.5	Potato	3~5
Bean	1.5	Tomato, Eggplant	5~8
Onion	5~7	Melon, Water Melon	3.5~4
Corn	5	Strawberry	3~5
Fruit	4~6	Chinese Cabbage	10
Turf	4~4	Tea plant	5

Applying quantity depends on the sulphur requirement of the crops and soil condition

Sulphur Bentonite for Agricultural uses, "Soil Conditioner"

Reducing pH1 in alkaline soil(from pH 7.5 to pH 6.5)

In reducing pH1, the amount of Solo Agri used is about 50~60kg/1,000m²(10a)

Crops	Amount of Solo Agri S90 to reduce pH1	Depth of soil
Common crops	50~60kg/10a	30cm

- Adequate amount can be calculated by the analysis of soil



General Sulphur

Sulphur Granule & Flakes



Specifications

- Color : Yellow
- Sulphur Purity(%) : Min 99.9
- Acidity(as H₂SO₄)(%) : Max 0.03
- Melting Point(°C) : 114~122
- Remarks : Free from Arsenic, Selenium and Tellurium

Packing

Standard packing in 1MT pp woven bag

Sulphur Powder



Specifications

Brand Name	SK-80 (200mesh)	SK-100 (325mesh)	Solo (325mesh)
Color	Yellow	Yellow	Yellow
Sulphur Purity(%)	Min 99.9	Min 99.9	Min 98.5
Acidity(as H ₂ SO ₄)(%)	Max 0.03	Max 0.03	Max 0.03
Ash(%)	Max 0.02	Max 0.02	Max 0.2
Moisture(%)	Max 0.03	Max 0.03	Max 0.3
Melting Point(°C)	114~122	114~122	114~122
Oil Content(%)			±1
Size 200 Mesh	Min 90% pass	Min 95% pass	Min 95% pass

- Remarks : Free from Arsenic, Selenium and Tellurium

Packing

Export standard packing in 25kg pp woven bag