



Act Co., Ltd.

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Dear Sir and Madam :

We, Act Co. Ltd., are very pleased to have an opportunity to introduce you our innovative products and services for BETTERMENT OF ECOSYSTEM.

Since 2002, we have been developing and providing safe, highly efficient and low cost agents, facilities, and systems with which we have contributed to various needs here in Japan.

Attached please refer to our technologies, products and services. We would highly appreciate it if you kindly review and contact us for further information and discussion.

Best Regards,

*OGITA, Toshihiro
Executive Director & CEO
ACT Co. Ltd.*



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INTRODUCING OUR PRODUCT LINES

For the purpose of **ECOSYSTEM** improvement, we, Act Co. Ltd., have been developing and providing our unique technologies, products and system for the Treatments of Sewage, Domestic and Factory Waste, Sludge, Water Purification etc.

○ **INORGANIC & NUTRAL COHESION AGENT SUIMU** (patented)

“SUIMU” can cohere and precipitate organic & inorganic matters in waste water resulting in purification and easy after processing.



Features

1. can be Applied to acidic or alkaline waste
2. treated waste will be in pH 5-9
3. over 10 times speed vs. ordinary agents
4. Weight of solid matter reduced by 50%
5. Coheres and in-solubilizes heavy metals

Main Ingredients : SiO_2 , CaO , Al_2O_3 , Fe_2O_3

Micro powder

“SUIMU” Lines are for Normal Type (general inorganic waste water, wide purpose of factory wastes, Food industry, alkaline waste and water soluble paints, also available depending on request) and for Heavy Metals Type (Cr^{6+} , As, Fe also depending on request)

Biotope



Aquarium with artificial Water Grass



with immobilized “SUIMU”



○ **SOIL BETTERMENT INORGANIC AGENT DOUMU**

“DOUMU” has been developed as an inorganic solidifying agent for the betterment of organic soil, sludge, peat etc., what cannot be effectively treated by such cement or lime so far, “DOUMU” can be in specific hydrating function of such materials without possible secondary pollution.



Features

- 1.to any type of soil and sludge
- 2.pH adjustment
- 3.deodorizing
- 4.masking toxic materials (heavy metals)
- 5.no volume increase of treated matter
- 6.quick treatment and low cost

Treated matters' pH will be high but with time pH will be in the neutral range with in several days. The treated matters become unified cluster, then it will be adapted to ordinary soil.

Main Ingredients : SiO₂, CaO, amorphous SiO₂-Al₂O₃, Al₂(SO₄)₃ from recycled coal ash, pulp ash

Usage

- 1.Sludge and Waste of pond, river and sea
- 2.Reuse & quick treatment of dredged soil
- 3.Improvemnet of road, street etc.
- 4.Sludge and Waste of Fish etc. farming
- 5.Development of residential area, park and pavement
- 6. General industrial waste

○ **OTHER PRODUCTS & SYSTEM**

- **SEPARATING AGENT FOR CUTTING WATER USED IN MACHING OF METALS**
- **SEPARATING AGENT OF POLYOLEFIN**

▪ **WATER PURIFICATION FACILITIES, EQUIPMENT**

Consultation, Designing, and/or Production of effectively adapted system to specific needs



Purification Reservoir



Improved Biotope