WHY "ARABSABIO"

- An efficient tool for Bioremediation process
- Environment friendly
- Organic Way

UNIQUENESS WITH "ARABSABIO" AS CLEANSING MECHANISM

Regular use of "ARABSABIO" results in:

- ·Reduce BOD (Biochemical oxygen demand)
- ·Lower COD (Biochemical oxygen demand)
- ·Increase DO (dissolved oxygen)
- · Reduce Total Suspended solids TSS
- ·Elimination of bad Odor
- · Reduce Turbidity
- . Lower FOG (Fat, Oil, and Grease)
- ·Reduce Sludge Volume (Semi solid slurry from refining/industry)
- · Reduce the load of many pathogenic microbes

Many more



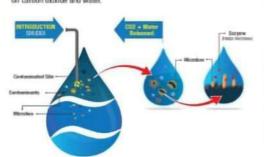
MECHANISM OF ARABSABIO

The microbes eat up contaminants such as organic matter, convert them and then let off carbon dioxide and water

The process uses naturally occurring selected strains of microorganism mainly bacteria to degrade substances that are hazardous to human health or the environment

THE CLEANING PROCESS

Arabsabio | est up contaminants such as oil and organic matter. Letting



Experimenting With Dirty Water And Various Mixes Of Microbes-to Get A Clue

Treated with different strains of microorganisms untreated 1

Left-untreated pond water, followed by treated with different strains of microorganisms

Arabsabio Extremely good for In situ bioremediation (Involves treating the contaminated material at the site)



BENEFITS OF ARABSABIO

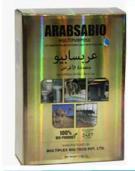
FEATURES & BENEFITS

- · Safe for human beings, animals & environment
- Readily Biodegradable
- · 100% Bio-product
- · Free from chemicals
- Shuddi application helps to reduce epidemics

HOW TO USE "ARABSABIO"

- Apply Arabsabio powder directly to the contaminated site at the rate of 2.5 ml or 5 gm per square meter (m²) area once in a month or as needed.
- To treat one cubic meter (1KL) contaminated water source, apply Arabsabio @ 250g or 100 ml once in a month or as needed



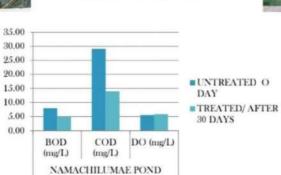




PUBLIC GARDEN- SMALL POND

T		1
parameters	O DAY	30 DAT
BOD (mg/L)	8.00	5.00
COD (mg/L)	29.10	14.00
DO (mg/L)	5.60	5.90

Application rate- 5g/ Sq. Mt



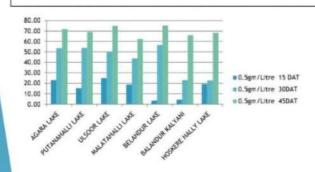


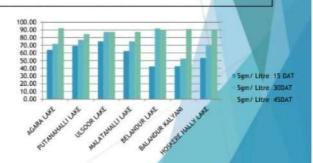
Reduce water turbidity. Smell and Improve /healthy vegetation plus more fish activities

Study result of Major lakes of BANGALORE

	0.5gm/Litre		
	15 DAT	30DAT	45DAT
AGARA LAKE	23.08	53.59	71.79
PUTANAHALLI LAKE	15.38	53.85	69.23
ULSOOR LAKE	25.00	50.00	75.00
MALATAHALLI LAKE	18.75	43.75	62.5
BELANDUR LAKE	3.54	56.64	75.22
BALANDUR KALYANI	4.40	23.08	65.93
HOSKERE HALLY LAKE	19.32	22.73	68.18

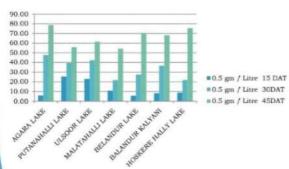
		5gm/ Litre		
		15 DAT	30DAT	45DAT
AGARA LA	KE	64.10	71.7	9 92.3
PUTANAH	ALLI LAKE	69.23	76.9	2 84.6
ULSOOR I	LAKE	75.00	87.5	87.5
MALATAH	ALLI LAKE	62.5	7	5 87.
BELANDU	IR LAKE	42.48	91.6	8 90.2
BALANDU	R KALYANI	42.86	52.7	5 91.2
HOSKERE	HALLY LAKE	53.44	69.3	89.7



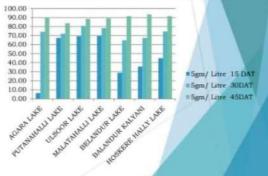


COD values @ different ARABSABIO Dosages

	0.5 gm / Litre		
	15 DAT	BODAT	45DAT
AGARA LAKE	5.96	47.68	78.81
PUTANAHALLI LAKE	25.58	39.53	55.81
ULSOOR LAKE	23.08	42.31	61.54
MALATAHALLI LAKE	10.87	21.74	54.35
BELANDUR LAKE	5.74	27.53	70.55
BALANDUR KALYANI	8.30	36.65	68.16
HOSKERE HALLY LAKE	9.00	21.85	75.58





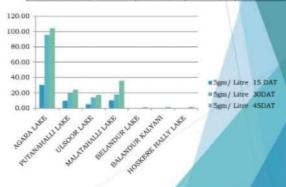


DO values @ different ARABSABIO Dosages

			% INC
		0.5GM	
	15 DAT	30DAT	45DAT
AGARA LAKE	29.09	69.57	82.61
PUTANAHALLI LAKE	0.00	19.51	21.95
ULSOOR LAKE	0.00	3.51	5.26
MALATAHALLI LAKE	0.00	2.56	7.69
BELANDUR LAKE	0.00	0.00	0.00
BALANDUR KALYANI	0.00	0.00	0.00
HOSKERE HALLY LAKE	0.00	0.00	0.00

90.00	
80.00	
70.00	
60.00	■0.5GM 15 DAT
50.00	■0.5GM 30DAT
30.00	=0.5GM 45DAT
20.00	
10.00	
0.00	
HOLDER PARE THE CHARLES HAVE BETWEEN THE THE PARE	ANE
SCHOOL STAIL SCOT SHALL STOUT SURES HALLS	
TANK OF MATE BELL LAND ERE	
by My All All Oak	

	5gm/ Litre		
	15 DAT	30DAT	45DAT
AGARA LAKE	30.43	95.65	104.35
PUTANAHALLI LAKE	9.76	19.51	24.39
ULSOOR LAKE	5.26	14.04	17.54
MALATAHALLI LAKE	10.26	17.95	35.90
BELANDUR LAKE	0.00	0.00	1.50
BALANDUR KALYANI	0.00	0.00	1.70
HOSKERE HALLY LAKE	0.00	0.00	1.80



ADVANTAGES OF ARABSABIO

- Cost effective -The cost of using Arabsabio for the Bioremediation is lower than that of traditional processes both *in situ* and *ex situ*
- Long Lasting- Product is continue to work for several days-month period
- Arabsabio can be employed in areas that are inaccessible

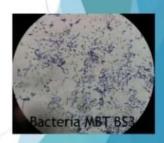
 Arabsabio is potentially "the least harmful" method because it uses naturally occurring organisms and preserves the environment in a

more natural state









FREQUENTLY ASKED QUESTIONS

Does inhalation of Arabsabio causes any diseases?

These are very safe natural microorganisms and does not create any diseases in humans, animals, birds, fishes even plants.

- Does direct skin contact result in itching/fungal infection?
 - No, however simple cleaning with water is recommended.
- Does it produce methane/ ammonia/ nitrous oxide as a by-product?

It's an aerobic reaction, produce co2 and water as by-product, its again depend on nature of inputs (source)

- What is the lifespan of these microorganisms?
 - Under Normal storage, its shelf life is 12 months. However under dark & well ventilated area product can be stored up to 24 months
- Are they genetically engineered?

No. These are naturally occurring microbes

