PT TALC INDONESIA

TALC INDUSTRI

Certificate No :
00170060780312

LABORATORIUM

STERILIZATION

PT TALC INDONESIA was founded in 2006. Located in Kompleks Industri 19, Sungai Turi, Desa Laksana, Blok 8 No 9, Paku Haji, Tangerang, Indonesia. We produce Talc with many grades, from medium grade to high grade. We produce Talc powder fineness 325 mesh until 2500 mesh. To kill bacteria, we have our internal talc sterilization machine. We also produce customized as per your requirement.

For high grade product, we follow Talc standard, such as:

- USP certification Limits
- USP & Cosmetic manufacturer association Limits
- Selected USP certification Limits & CTFA Limits

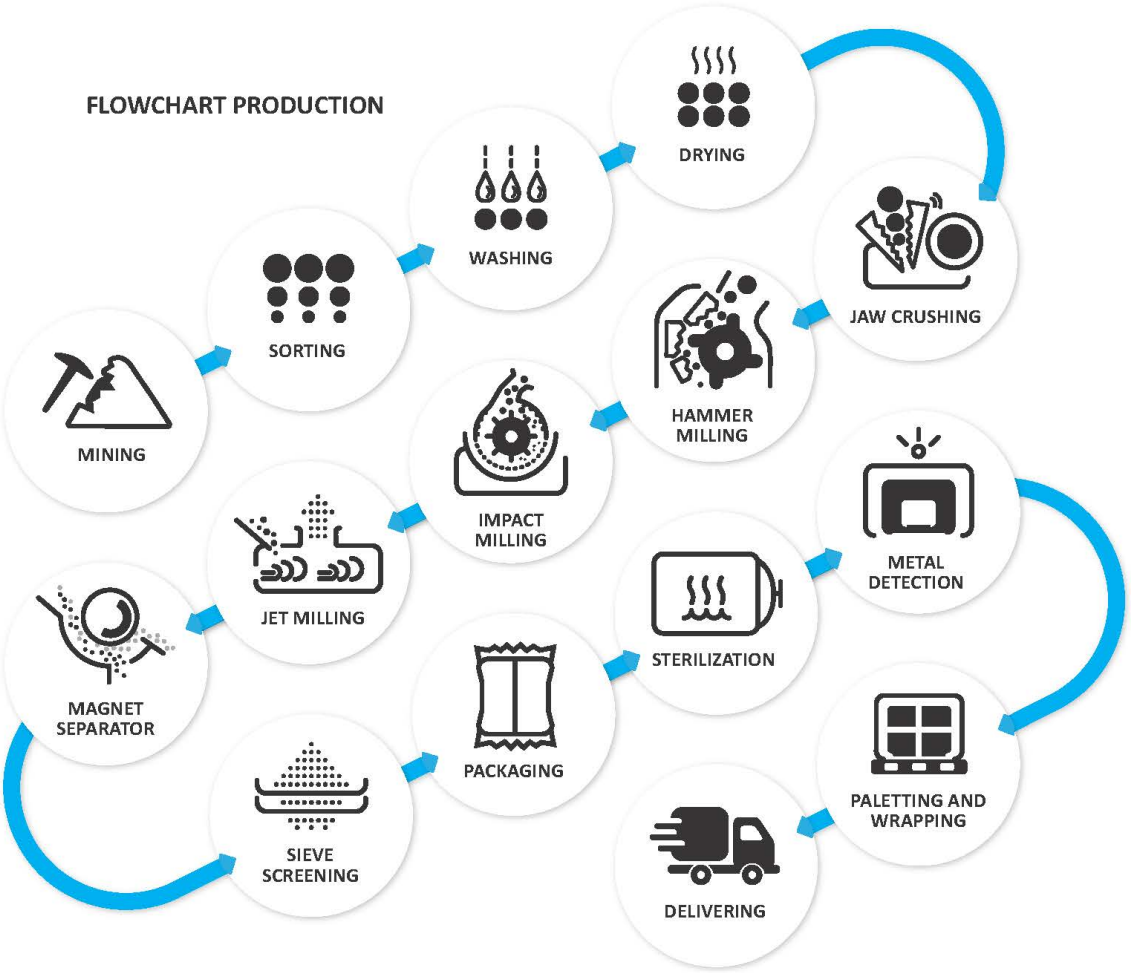
We produce various Talc with many grade, such as:

- Talc for Pharmaceutical
- Talc for Cosmetic
- Talc for Food
- Talc Technical Grade for PVC, Plastic, Rubber, Paint, Pigment, etc
- Surface treatment Talc

PRODUCT SPECIFICATION

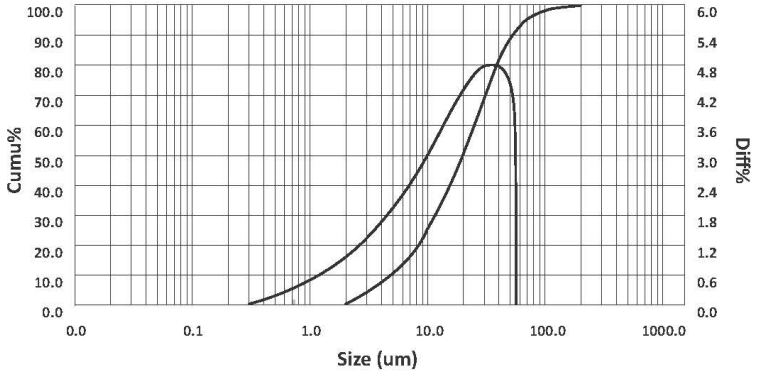
PRODUCT NAME	WHITENESS %	TYPE	MESH	SIO2 %	MgO2 %	LOI %
MICRO TALC LG 5	94	MC59432	2500	58-60	28-30	Max 7
MICRO TALC LG 10	93	MC109335	1250	58-60	28-30	Max 7
MICRO TALC LG 10	90	MC109035	1250	58-60	25-30	Max 7
TALC SUPER SNOW WHITE	94	SSW459443	325	58-60	28-30	Max 7
TALC HINESTAL 23 FG	93	H459348-23FG	325	59-61	28-30	Max 6.5
TALC HINESTAL 23 S	93	H459349-23S	325	59-61	28-30	Max 7
TALC GLOBE 107	92	G1459248	325	59-61	28-30	Max 7
TALC GLOBE 207	90	G2459055	325	59-61	28-30	Max 8
TALC GLOBE 307	90	G3459055	325	58-60	28-30	Max 8
TALC GLOBE 407	86	G4458655	325	40-42	28-30	Max 10
TALC GLOBE 507	91	G5359167	500	58-60	28-30	Max 8
TALC OSMANTHUS	90	OSM459055	325	59-61	28-30	Max 8

FLOWCHART PRODUCTION



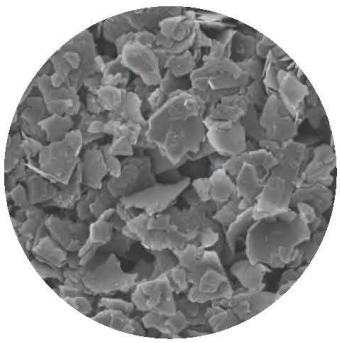
OIL ABSORPTION %	MOISTURE %	PHARMACEUTICAL	FOOD	COSMETIC	BABY POWDER
35 - 38	Max 0.5	✔		✔	
35 - 38	Max 0.5	✔		✔	
35 - 38	Max 0.5			✔	
Max 38	Max 0.5	✔		✔	✔
38 - 41	Max 0.35	✔	✔	✔	
38 - 41	Max 0.5			✔	
38 - 41	Max 0.5	✔		✔	✔
38 - 41	Max 0.5			✔	✔
38 - 41	Max 0.5			✔	✔
Max 35	Max 0.5			✔	✔
35 - 38	Max 0.5			✔	✔
38 - 41	Max 0.5			✔	

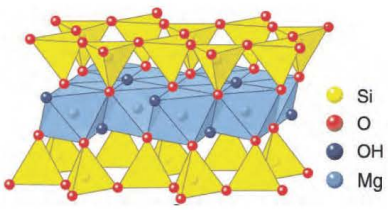
LASER PARTICLE SIZE ANALYZER



Diam um	Percent
1.000	0.00
2.000	0.51
5.000	10.74
10.00	25.04
20.00	51.62
45.00	85.92
75.00	96.03
100.0	97.66
200.0	99.77
300.0	100.00

The fine structure of talc





MATERIAL SAFETY DATA SHEET (MSDS)

TALC POWDER

1. Identification Of The Material and Producer

Product Name	:	TALC POWDER, TALCUM POWDER
Chemical Name	:	A Natural Hydrous Magnesium Sillicate
HS Code	:	2526.20.10
Manufacutre Name	:	PT TALC INDONESIA
Location	:	Tangerang - Banten. Indonesia

2. HAZARD IDENTIFICATION

GHS Information

Emergency Overview

OSHA Hazards
Carcinogen, Target Organ Effect, Toxic by Inhalation

Target Organs
Lungs

GHS Classification

Acute Toxicity, Inhalation	(Category 4)
Skin irritation	(Category 3)
Specific target organ toxicity - single exposure	(Category 3)

GHS label Elements, including precautionary statements

Pictogram :

Signal Word (GHS-US) Warning

Hazard Statements : H316 - Causes mild skin irritation
H350 - Harmful if inhaled
H335 - May cause respiratory irritation

Precautionary statements : P261 - May cause respiratory irritation
dust/fume/gas/mist/vapors/spray

HMIS Classification

Health hazard	:	2
Chronic Health Hazard	:	*
Flammability	:	0
Physical hazards	:	0

NFPA Rating

Health hazard	:	2
Fire	:	0

3. Composition / Information on Ingredients

Chemical Formula	:	$Mg_3Si_4O_{10}(OH)_2$ or $3MgO.4SiO_2.H_2O$
CAS Number	:	14807-96-6
Chemical Family	:	Sillicate

4. First Aid

Eye Contact	:	Flush with cool and clean water for at least 15 minutes. If irritation persists, get medical attention.
Ingestion	:	Give several glasses of milk or water. Vomiting may occur spontaneously, but it is not necessary to induce. Never give anything by mouth to an unconscious person.
Skin Contact	:	For skin contact, flush with large amount of water while removing contaminated clothing. Wash affected area with soap and water. If irritation persist, get medical attention. Wash contaminated clothing before reuse.
Inhalation	:	If irritation of nose or throat develops, move away from source of exposure and into fresh air; if irritation persist or breathing difficulties develop, seek immediate medical attention.

5. Fire Fighting Measures

Fire extinguisher	:	Any means suitable for estinguishing surrounding fire.
Special Firefighting	:	Wear self-contained breathing apparatus, and protective clothing to prevent contact
Unusual fire and explosion hazards	:	None determined

6. Special Protection Information

Respiratory protection (specify type)	:	None required with adequate ventilation under normal conditions.
Ventilation	:	Local exhaust - yes, mechanical (general) - yes, special no, other no
Protective Gloves	:	Rubber, PVC or equivalent
Eye protection	:	Splash proof chemical safety goggles should be worn at all time.
Other protective clothing or equipment	:	Lab coat, eye wash, and safety shower.

7. Handling and Storage

Precautions for safe handling

Talc can create dusts when handled. Make sure that all floors, workstations, tables, stairs, handrails, etc are clean and dry. Avoid airborne dust generation. Appropriate exhaust ventilation must be provided, especially in a place where airbone dust is generated. If there is not enough ventilation, please wear respiratory protective gear.

Conditions for safe storage, including any incompatibilities

Keep in a clean, dry place, and in tight close container.

Specific end use(s)

If you need advice on some specific uses, please contact your supplier.

8. Exposure Control / Personal Protection

Control Parameters

Follow rules and regulation in the workplace's exposure limit for all types of airbone dust.

Exposure Controls

Appropriate Engineering Controls :

Minimize airbone dust generation. Use prosess enclosures, local exhaust ventilation, or other engineering controls to keep airborne levels below specified exposure limit.

9. Physical Data and Chemical Properties

Molecular Weight	:	96.33
Boilling Point	:	Not applicable
Melting Point	:	900^{o} celcius to 1000^{o} celcius
Vapor pressure	:	Not applicable
Specify gravity (H2O=1)	:	2.5 - 2.8 (Water=1)
Appearance and odor	:	White, green, luster pearly, pink, grey and odorless.
Vapor Density	:	No data available
Solubility	:	Insoluble in cold water and hot water
Taste	:	Not available
Flammability	:	This product is not combustible

10. Stability and Reactivity

Stability	:	Stable
Condition to avoid	:	Dust
Decomposition Product	:	None hazard
Hazardous polymerization product	:	Not applicable

11. Toxicology Information

Toxicity Data	:	None determined
Chronic	:	Lung damage
Condition aggravated by overexposure	:	Chronic respiratory disease
Target organs	:	Respiratory systems, lungs
Primary route(s) of entry	:	Inhalation, ingestion, skin contact, eye contact
Talc containing no asbestos	:	Free of asbestos

12. Ecological Information

Ecological : Not available
Mobility : Not available
Environment protection do not allow to enter drain water ways or sewers.

13. Disposal Considerations

Waste from residues / unused product : Talc is not hazardous waste; dispose of in accordance with local, state and federal regulations.
Packaging : Dust formation from residues in packaging should be avoided and suitable worker protection assured. Store used packaging in enclosed receptacles. Re-use of packaging is not recommended. Recycling and disposal of packaging should be carried out by in compliance with local, state and federal regulations.

14. Transportation Information

This product is not classified as dangerous goods.
Transportation is not dangerous.
Shipping and transport name : Talc
The material is natural, it is not chemical.

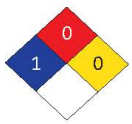
15. Regulatory Information

International legislation/requirements :

Industrial Safety Health Law : This product does not contain harmful or controlled hazardous subtances under ISHL.
This product may contain silica, requiring workplace environmental monitoring.
Toxic Chemical Control Act : This product does not contain chemical substances regulated as toxic, observational, restricted or banned under TCCA.
Waste Management Law : Ensure to dispose of in accordance with the waste treatment standards prescribed in Waste Management Law.

16. Other Information

Hazard material system
Hazard rating : 0-minimal
1-slight
2-moderate
3-serious
4-severe



GHS : Globally Harmonized System
Note : Please refer to COA / Specification for more information

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Catalog 2020