MATERIAL SAFETY DATA SHEET (MSDS)

1. Identification of the Material and Producer

Product Name	: TALC POWDER, TALCUM POWDER
Chemical Name	: A Natural Hydrous Magnesium Silicate
HS Code	: 2526.20.10.00
Manufacture Name	: PT.TALC INDONESIA
Location	: Tangerang - Banten, Indonesia

2. Hazard Identification

GHS Information

Emergency Overview

OSHA Hazard

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/vaspors/sprav	
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	: MG3S14O10(OH)2 or MG.4SIO2.H20
CAS Number	: 14807-96-6
Chemical Family	: Silicate

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4. First Aid

Eye Contact : Flush with cool and 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 irritattion 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 persists or breathing difficulaties develop, seek immediate medical attention.

5. Fire Fighting Measure

Fire extinguisher : Any means suitable for extinguishing surrounding fire.

Special Firefighting : Wear self-contained breathing apparatus, and protective clothing to prevent contact

: None determined

Unusual fire and explosion hazards

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 googles should be worn at all time.

Other protection clothing or equipment : Lab coat, eye wash, and safety shower

7. Handling and Stocking

Precautions for safe handling

Talc can create dusts when handled. Make sure that all floors, workstations, handrails, etc are clean and dry. Avoid airborne dust generation. Aapropriate exhaust ventilation must be provided, especially in a place where airborne 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 airborne dust.

Exposure Controls

Appropriate Engineering Controls:

Minimize oirborne dust generation. Use process encloures, local exhaust ventilation, or other engineering controls to keep airborne levels below specified exposure limit.

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Address : Taman Palem Lestari Ruko Galaxy Blok P No. 38 Cengkareng Jakarta Barat 11730, Indonesia
Address : Komp. Industri Sungai Turi, Desa Laksana, Pakuhaji, Blok 8 No. 9, Tangerang Indonesia
Phone : (62-21) 29024859 - 22952536 - 22121011 - 55958185 - 55958186 Fax : (62-21) 29024759
Email : talc@centrin.net.id, huafeng@centrin.net.id, **Website : www.talc-indonesia.com**

9. Physical Data and Chemical Properties

Molecular weight	: 96.33
Boiling Point	: not applicable
Melting Point	: 900° celcius to 1000° celcius
Vapor pressure	: Not applicable
Specify gravity (H20=1)	: 2.5 – 2.8 (Water=1)
Appearance and odor	: White, green, luster pearly, pink, grey and odorless.
Vapor Density	: 5.7 (Air=1)
Solubility	: Insoluble in cold water and hot water
Taste	: Not available
Flammability	: This product is not combustible

10. Reactivity Data

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 system, lungs
Primary route(s) of entry	: inhalation, ingestion, skin contac, eye contac
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.
Trans portation is not dangerous.
Shipping and transport name : Talc
The material is natural, it is not chemical.

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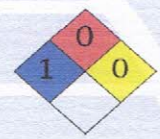
15. Regulatory Information

International Legislation/requirements :

Industrial Safety Healt Law	: This product does not contain harmful or controlled hazardous substance 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

Hazards material system



Hazard rating	: 0-minimal 1-slight 2-moderate 3-serious 4-severe
GHS	: Globally Harmonized system
Note	: Please refer to COA/Speciifcation for more information

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