NIPPON TALC CO., LTD.

Safety Data Sheet

Revision Date : Dec 1, 2019

1. CHEMICAL PRODUCT & COMPANY IDENTIFICATION

Chemical Product

Product name : NANO ACE(D-600、D-800、D-1000)、FG-15、SG-2000、SG-200、 SG-95、MICRO ACE(P-2、P-3、P-4、P-6、P-8、K-1、L-1、L-G、RA-2、RA-3、PAOG-2、PAOG-3)、MS、MS-P、MS-K、SW、SWA、SWB、SWE、SSS、SIMGON、RA、RA-K15、PA-OG、PAOG-R、MS-KY、MS-T、LU-2、LU-J1、LU-V、LU-R、ROSE TALC、PC-25、PC-25RC、RA-3RC

Chemical name : TALC

Use of the substance : Industrial use

Company Identification

Company name : NIPPON TALC CO., LTD.

Address : 3-1-17, Saiwai-cho, Naniwa-ku, Osaka 556-0021, JAPAN

Emergency telephone : +81-6-6567-2735

2. HAZARD IDENTIFICATION

GHS Classifications

Physical Hazards

- Explosives :Not applicable
- Flammable gases :Not applicable
- Aerosols :Not applicable
- Oxidizing gases :Not applicable
- Gases under pressure :Not applicable
- Flammable liquids :Not applicable
- Flammable solids :Not applicable
- Self-reactive substances and mixtures :Not applicable
- Pyrophoric liquids :Not applicable
- Pyrophoric solids :Not applicable
- Self-heating substances and mixtures:Not applicable
- Substances which, in contact with water, emit flammable gases :Not applicable
- Oxidizing liquids :Not applicable
- Oxidizing solids :Not applicable
- Organic peroxides :Not applicable
- Corrosive to metal :Not applicable

Health Hazards

- Acute toxicity (oral) :No data available
- Acute toxicity (skin) :No data available
- Acute toxicity (inhalation: gas) :Not applicable
- Acute toxicity (inhalation: vapor) :Not applicable
- Acute toxicity (inhalation: dust, mist) :No data available
- Skin corrosion / irritation :No data available
- Serious eye damages / eye irritation :No data available
- Respiratory sensitization :No data available
- Skin sensitization :No data available
- Germ cell mutagenicity :No data available
- Carcinogenicity :No data available
- Reproductive toxicity :No data available
- Specific target organ toxicity: single exposure :Respiratory organ
- Specific target organ toxicity: repeated exposure :Respiratory organ
- Aspiration hazard :No data available

Environmental Hazards

- Aquatic toxicity (acute) :No data available
- Aquatic toxicity (chronic) :No data available

GHS Label Elements,

Symbol :

Signal Word :Danger
Hazard Statement :H351、H370、H372
P201、P202、P260、P264、P270、P280、P308、P314、P405、P501

3. COMPOSITION / INFORMATION ON INGREDIENTS

Chemical Characterization : Substance
Chemical Name/Content : Talc 99.0～100%
CAS № : Talc 14807-96-6
EINECS № : Talc 238-877-9
Hazardous Ingredient : Not include SVHC
Asbestos not detected
Silica may contain 0.1 to 1.0%.

4. FIRST AID MEASURES

Inhalation

- Remove victim to fresh air and keep at rest in a position comfortable for breathing.
- Get medical advice/attention if you feel unwell.

Skin Contact

- Wash with plenty of soap and water.
- If skin irritation occurs, get medical advice/attention.

Eye Contact

- Rinse cautiously with water for 15 minutes. Remove contact lenses, if present and easy to do.
- If eye irritation persists, seek medical advice/attention.

Ingestion

- No specific first aid measures required. if irritation develops, seek medical attention.

5. FIRE-FIGHTING MEASURES

- Extinguishing Media : All extinguishing media can be used.
- Hazardous Combustion Products : None identified
- Protective Equipment for Fire-Fighters : Wear firefighting turnout gear, and respiratory protection.

6. ACCIDENTAL RELEASE MEASURES

Personal Precautions,Protective Equipment and Emergency Procedures

- Use personal protective equipment. Avoid dust formation. Avoid breathing vapors, mist or gas. Ensure adequate ventilation. Evacuate personnel to safe areas. Avoid breathing dust.

Environmental Precautions

- Do not allow discharge into drains, surface waters, or sanitary sewer systems.

Methods for Materials for Containment and Cleaning up

- Clean up with vacuum cleaner and/or shovel.
- Talc accumulations on walking surface will cause very slippery conditions. The floor should be thoroughly vacuumed or flushed with water.

7. HANDLING AND STORAGE

Handling

- Avoid generating dust.
- Provide appropriate exhaust ventilation at place where airborne dust is generated.
- In case of insufficient ventilation, wear suitable respiratory protective equipment.
- Keep all floors and work areas clean.

Storage

- Keep in a dry area indoors.
- Keep the product dry and in closed container.

8. EXPOSURE CONTROLS / PERSONAL PROTECTION

Facility and Equipment Measures

- If necessary, install local ventilation or exhaust systems in the work areas.

Exposure Limits

- ACGIH Time Weighted Average(TWA) 2 mg/m^3
- OSHA Permissible Exposure Limit (PEL) 20mppcf
- NIOSH Recommended Exposure Limit(REL) 2 mg/m^3

Personal Protective Equipment

a. Respiratory Protection : Approved dust masks should be worn.

b. Hand Protection : Use protective gloves.
c. Eye Protection : Protective goggles are recommended.
d. Skin and Body Protection : Wear clean body-covering clothing.

9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance	:Powder form
Color	:White, off white to gray
Odor	:None
pH	:9 -10
Flash Point	:Not applicable
Explosive Properties	:Not applicable
Boiling Point	:Not applicable
Melting Point	:Dehydrated decomposition at about 900℃
Real Density	:2.7 to 2.8
Solubility	:Insoluble in water. Insoluble in organic solvents

10. STABILITY AND REACTIVITY

Reactivity	: Inert, not reactive.
Chemical Stability	: Stable under normal conditions.
Possibility of Hazardous Reactions	: No hazardous reactions.
Conditions to Avoid	: None.
Hazardous Decomposition Products	: None.

11. TOXICOLOGICAL INFORMATION

Acute Toxicity : Not classified
Chronic Toxicity : Possibility of chronic respiratory disease, Talcosis, because of long-term and heavy dust inhalation. Talcosis may lead to severe and permanent damage to the lung.
Carcinogenicity : IARC ; Group 3 (not classified to carcinogen)
NTP ; Not listed as a carcinogen
OSHA ; Not listed as a carcinogen

12. ECOLOGICAL INFORMATION

Toxicity	: No data available
Persistence & Degradability	: No data available
Bioaccumulative Potential	: No data available
Mobility in Soil	: No data available
Other Adverse Effects	: No data available

13. DISPOSAL CONSIDERATIONS

Where possible, recycling is preferable to disposal. Can be disposed of in compliance with

local/national regulations.

14. TRANSPORT INFORMATION

Talc is not listed in the UN Classification.
Talc is listed classified as non risk materials in the International Maritime Dangerous Goods Code (IMDG) .
Bags should be positioned securely to avoid any sliding during transport.

15. REGULATORY INFORMATION

Talc is not classified as a dangerous substance, therefore no special labeling is required.
However, dust levels are regulated, and national and local regulations should be applied.

16. OTHER INFORMATION

All specifications are to be created based on the information we can get at this time.
The content, the physical-and-chemical property and so on are not a guaranteed-performance.
Notes are usually aimed at normal handling. If special handling, usage, please use
for safety measures.
And this SDS may be revised by new knowledge at anytime.