Updated June 15, 2009

Material Safety Data Sheet (MSDS)

TALC POWDER

1. PRODUCT IDENTIFICATION

Product Name: talc powder
INCI Name: talc
Synonyms: magnesium silicate hydroxide, soapstone, steatite
CAS Number: 14807-96-6
EINECS Number: 238-877-9
Origin: natural, modified

2. PHYSICAL & CHEMICAL PROPERTIES

Melting Point: 1500 ^{o}C
Boiling Point: not determined
Vapor Pressure: not determined
Vapor Density: not determined
Evaporation Rate: not determined
Density: 2.7 g/cm^3 at 20 ^{o}C
Solubility in water: insoluble
PH Value: 8.0~10.0
Appearance & Odor: white fine powder, earthy odor

3. STABILITY & REACTIVITY

Chemical Stability: stable if stored light-protected
Incompatibility: alkali metals, alkaline earth metals
Hazardous Decomposition Products: no dangerous decomposition products known
Hazardous Polymerization: will not occur

4. HANDLING & STORAGE

Avoid contact with eyes. Wash thoroughly after handling. As with all chemicals, good industrial hygiene practices should be followed when handling this material. Avoid freezing or excessive heat. Do not handle or store near an open flame, heat or other sources of ignition. Keep the container tightly closed and in a cool, well ventilated place.

5. ACCIDENTAL RELEASE MEASURES

Isolate spill area immediately. Keep unauthorized personnel away.
Ventilate closed spaces before entering. Do not touch or walk through spilled material. Prevent entry into waterways, sewers, basements or confined areas. Surface may become slippery after spillage. Use vacuum or broom sweeping and remove to disposal container. If damp, flush with water.

6. EXPOSURE CONTROLS & PERSONAL PROTECTION

Respiratory Protection: Where exposure likely exceeds acceptable criteria, use NIOSH/OSHA-approved respiratory equipment.
Protective Clothing: Gloves recommended to prevent skin contact. Safety glasses,

goggles, or face shield recommended for eye protection.
Other Protective Measures: Employees must practice good personal hygiene, washing exposed areas of skin several times daily and laundering contaminated clothing before re-use.

7. HAZARDS IDENTIFICATION

Inhalation: Avoid breathing dust. May cause irritation to the respiratory tract.
Eye Contact: May cause irritation.
Skin Contact: May cause irritation.
Ingestion: May cause gastrointestinal disturbances.

8. FIRST AID MEASURES

Eyes: Irrigate eyes with a heavy stream of water for at least 15 to 20 minutes. If irritation persists get medical attention.
Skin: Wash exposed areas of the body with soap and water.
Inhalation: Remove from area of exposure. If breathing is difficult, give oxygen. Seek medical attention if symptoms persist.
Ingestion: Seek immediate medical advice

9. FIRE FIGHTING MEASURES

Flash Point: Not applicable
Flammability, Danger of Explosion: not flammable or explosive
Fire Fighting Procedures: Firefighters should wear full firefighting turn-out gear (full Bunker gear) including NIOSH-approved self-contained breathing apparatus with full facepiece operated in the pressure demand or other positive pressure mode.

10. TOXICOLOGICAL INFORMATION

Acute Toxicity: no data available
Irritation Tests: irritant to skin and eyes
Sensitization: No sensitizing effects known
Chronic Toxicity: Inhalation of magnesium compounds may cause metal fume fever. Metallic magnesium perforates the skin and may cause local lesions. Some magnesium salts may cause muscle weakness, cardiac arrhythmias, respiratory effects and changes in blood chemistry following ingestion. Prolonged inhalation may cause pulmonary fibrosis known as silicosis. IARC-3: Not classifiable as to carcinogenicity to humans.

11. DISPOSAL CONSIDERATIONS

Storage and disposal must be in accordance with applicable local, state & federal disposal regulations. Compliance with applicable laws are the responsibility solely of the generator.

12. TRANSPORT INFORMATION

General: not regarded as hazardous material
DOT Regulations, Hazard Class: none
ADR/ RIC Code, Hazard Class: none
Sea Transport IMDG Code, Hazard Class: none
Air Transport IATA, Hazard Class: none

13. DISCLAIMER

This information relates only to the specific material designated and may not be valid

for such material used in combination with any other materials or in any other process. Such information is to be the best of the company's knowledge and believed accurate and reliable as of the date indicated. However, no representation, warranty or guarantee of any kind, express or implied, is made as to its accuracy, reliability or completeness and we assume no responsibility for any loss, damage or expense, direct or consequential, arising out of use. It is the user's responsibility to satisfy himself as to the suitableness & completeness of such information for his own particular use.