



# NEW DIRECTIONS AROMATICS

## MATERIAL SAFETY DATA SHEET

### SECTION: 1.1 PRODUCT IDENTIFICATION

**Product Name:** Talc Powder (White) – Raw Material  
**Chemical Formula:**  $Mg_3Si_4O_{10}(OH)_2$   
**Synonyms:** Magnesium silicate hydroxide, Agalite, Snowgoose, Talcum  
**INCI Name:** Talc  
**CAS #:** 14807-96-6  
**Country of Origin:** India

### SECTION: 1.2 COMPANY IDENTIFICATION

**Company:** New Directions Aromatics Inc.  
**Address:** 6781-Columbus Road, Mississauga, ON., L5T 2G9 Canada  
**Telephone No:** 905-362-1915  
**FAX:** 905-362-1926

**24 HOUR EMERGENCY TELEPHONE NUMBER: (613)-996-6666 CANUTEC**

### SECTION: 2. COMPOSITION / INFORMATION INGREDIENTS

**Contents:** May contain traces of aluminum, iron, manganese, titanium and crystalline silica.

### SECTION: 3. HAZARDS IDENTIFICATION

Crystalline silica – cancer causing agent. (Risk of cancer depends upon duration and level of exposure.)  
Acute irritant: May cause respiratory hazards, affect eyes and lungs.

### SECTION: 4. FIRST AID MEASURES

**Eye Contact:** Immediately flush eyes with plenty of water for at least 15 minutes. Get medical attention if irritation occurs.  
**Skin Contact:** Wash with soap and water. Get medical attention if irritation develops.  
**Inhalation:** If inhaled, remove to fresh air. If not breathing, give artificial respiration. If breathing is difficult, give oxygen. Get medical attention if symptoms appear.  
**Ingestion:** Never give anything by mouth to an unconscious person. Loosen tight clothing such as a collar, tie belt or waistband. Seek medical attention immediately.

### SECTION: 5. FIRE FIGHTING MEASURES

**Flash Point:** N/A  
**Fire fighting media and instructions** Carbon oxides, CO<sub>2</sub>, foam and dry chemicals. Do not use dry water jet on burning material.  
**Special Remarks on Fire Hazards:** When heated to decomposition it emits acrid smoke and fumes.  
**Special remarks on Explosion Hazards** N/A

### SECTION: 6. ACCIDENTAL RELEASE MEASURES

**Spills** Absorb spills, cover with an inert, non-combustible, inorganic absorbent material, and remove to an approved disposal container.  
**Personal protection in case of spills** Goggles, Gloves. Dust respirator, Lab coat.

### SECTION: 7. HANDLING AND STORAGE



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**Handling** Do not ingest. Do not breathe dust. If ingested, seek medical advice immediately and show product label.

**Storage:** Store in cool (ideally 15 – 25 °C), dry, well ventilated area protected in an air-tight container away from any moisture, heat, light or direct sunlight. Keep air contact to minimum.

**SECTION: 8. EXPOSURE CONTROLS AND PERSONAL PROTECTION**

**Engineering controls** Provide exhaust ventilation or other engineering controls to keep the airborne concentrations of vapors.

**Personal Protection**

Eyes:	Safety goggles
Body:	Lab coat
Respiratory:	No special protective clothing is required. Avoid inhalation of product, by wearing a vapor respirator.
Hands:	Gloves

**Exposure Limits:** N/A.

**SECTION: 9. PHYSICAL AND CHEMICAL PROPERTIES**

**Appearance:** White to grayish-white powder.

**Odor:** Odorless.

**Solubility:** Insoluble

**Specific Gravity:** 2.6 – 2.8 @20°C

**Melting Point:** 800°C

**SECTION: 10. STABILITY AND REACTIVITY**

**Stability:** Stable at room temperature

**Conditions to Avoid:** Heat and light sources.

**Materials to Avoid:** Strong oxidizing agents, alkali and acids.

**Corrosivity:** N/A

**Flammability:** N/A

**Decomposition Products:** When heated to decomposition, may produce carbon dioxide / carbon monoxide smoke with possibility of sulfur dioxide.

**SECTION: 11. TOXICOLOGICAL INFORMATION**

TWA (crystalline silica) = 2 mg/m<sup>3</sup>  
TWA (talc dust) = 30 mg/m<sup>3</sup>

**Route of Entry:** Acute irritant – small particles will irritate skin and eyes. Inhalation of large amounts may cause pulmonary edema and irritation to upper respiratory tract; tickling cough is a common symptom. Do not ingest.

**Chronic Exposure:** May cause talcosis, pulmonary fibrosis and silicosis. Studies link talc with pulmonary issues, ovarian cancer, and lung cancer. However, no conclusive study has yet been made to determine either the toxicity and/or carcinogenic nature of talc and the long history of safe use suggests that these concerns are unfounded.

**Note:** The FDA considers non-asbestiform talc, i.e. talc which DOES NOT contain carcinogenic asbestos



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fibers, and with less than 1% crystalline silica, to be Generally Recognized As Safe (GRAS) for use in cosmetics

### SECTION: 12. ECOLOGICAL INFORMATION

Keep away from drains, surface and ground water

### SECTION: 13. DISPOSAL CONSIDERATION

Waste Information: Waste must be disposed of in accordance with local, provincial and federal regulations.

### SECTION: 14. TRANSPORT INFORMATION

**TDG Classification:** Not regulated  
**IATA Shipping (Air):** Not regulated  
**IMDG Shipping** Not regulated

### SECTION: 15. REGULATORY INFORMATION

**WHMIS (Canada):** Non-combustible solid.  
**HMS (USA):** Health Hazard – 1, Fire Hazard – 0, Reactivity – 0, Personal Protection - E  
**EU Labeling:** R22 Harmful if swallowed.  
R36/38 Irritating to eyes/skin.

### SECTION: 16. OTHER INFORMATION

**Revision Date:** May 14, 2014

### SECTION: 17. DISCLAIMER

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## CERTIFICATE OF ANALYSIS

**Product:** Talc Powder (White) Raw Material  
**Lot No:** 16023-A07, B07  
**Best Before:** December, 2016  
Store in air tight container; in a cool dry area; away from direct sunlight.

Properties	Specifications	Results
<b>Appearance:</b>	White to grayish-white powder.	Complies
<b>Odor:</b>	Odorless.	Complies
<b>Hardness:</b>	1 – 1.5	Complies
<b>Mesh Size:</b>	200 to 700 mesh or 40 to 20 microns	Complies

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### New Directions Aromatics Inc.

6781-Columbus Road, Mississauga, ON., L5T 2G9 Canada

Tel: (905) 362-1915

Fax: (905) 362-1926

[www.newdirectionsaromatics.com](http://www.newdirectionsaromatics.com)