

**SECTION 1: Identification**

**1.1. Identification**

Product form : Mixture  
Product name : TALC  
Product code :  
Other means of identification : ITEM# 99-203

Supplier: Romanoff International Supply Corporation  
9 Deforest Street  
Amityville, NY 11701 US  
Tel: 631-842-2400

EMERGENCY CONTACT: CHEM TEL, Account# MIS4594445

24-Hour Telephone: United States, Canada, Puerto Rico & U.S. Virgin Islands: 1-800-255-3924, Australia: 1-300-954-583,  
Brasil: 0-800-591-6042, China: 400-120-0751, India: 000-800-100-4086, Mexico: 800-099-0731  
ALL OTHER COUNTRIES: 1-813-248-0585

**1.2. Relevant identified uses of the substance or mixture and uses advised against**

Use of the substance/mixture : Mineral Additive

**1.3. Details of the supplier of the safety data sheet**

Barretts Minerals Inc.  
8625 Highway 91 South  
Dillon, MT 59725  
USA

Tel. 406-683-3323

**1.4. Emergency telephone number**

Emergency number : +1 760 476 3962  
3E Global Emergency Response Services. Access code: 333336 (if you mention SDS name and company name-you don't need the access code)

**SECTION 2: Hazard(s) identification**

**2.1. Classification of the substance or mixture**

**GHS-US classification**

Carcinogenicity Category 1A H350

Full text of H statements : see section 16

**2.2. Label elements**

**GHS-US labeling**

Hazard pictograms (GHS-US) :



GHS08

Signal word (GHS-US) : Danger  
Hazard statements (GHS-US) : H350 - May cause cancer (Inhalation)  
Precautionary statements (GHS-US) : P201 - Obtain special instructions before use  
P202 - Do not handle until all safety precautions have been read and understood  
P260 - Do not breathe dust  
P280 - Wear protective gloves, protective clothing, eye protection, face protection

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P308+P313 - If exposed or concerned: Get medical advice/attention  
P405 - Store locked up

### 2.3. Other hazards

Other hazards not contributing to the classification

: Prolonged and/or massive exposure to respirable crystalline silica-containing dust may cause silicosis, a nodular pulmonary fibrosis caused by deposition in the lungs of fine respirable particles of crystalline silica.

### 2.4. Unknown acute toxicity (GHS US)

Not applicable

## SECTION 3: Composition/Information on ingredients

### 3.1. Substance

Not applicable

### 3.2. Mixture

| Name                    | Product identifier  | %       | GHS-US classification                                |
|-------------------------|---------------------|---------|------------------------------------------------------|
| Talc                    | (CAS No) 14807-96-6 | 60-100  | Not classified                                       |
| Chlorite-group minerals | (CAS No) 1318-59-8  | 1-15    | Not classified                                       |
| Quartz                  | (CAS No) 14808-60-7 | 0.1-1.0 | Carc. 1A, H350<br>STOT SE 3, H335<br>STOT SE 1, H370 |

Full text of hazard classes and H-statements : see section 16

## SECTION 4: First aid measures

### 4.1. Description of first aid measures

First-aid measures general : Never give anything by mouth to an unconscious person. If you feel unwell, seek medical advice (show the label where possible).

First-aid measures after inhalation : Remove victim to fresh air and keep at rest in a position comfortable for breathing. If symptoms develop, obtain medical attention.

First-aid measures after skin contact : Remove affected clothing and wash all exposed skin area with mild soap and water, followed by warm water rinse. If symptoms develop, obtain medical attention.

First-aid measures after eye contact : Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. If symptoms develop, obtain medical attention.

First-aid measures after ingestion : Rinse mouth. Do NOT induce vomiting. Give 100 - 200 ml of water to drink. If symptoms develop, obtain medical attention.

### 4.2. Most important symptoms and effects, both acute and delayed

Symptoms/injuries after inhalation : May cause irritation to the respiratory tract.

Symptoms/injuries after skin contact : Repeated and/or prolonged skin contact may cause irritation.

Symptoms/injuries after eye contact : May cause eye irritation.

### 4.3. Indication of any immediate medical attention and special treatment needed

No additional information available

## SECTION 5: Firefighting measures

### 5.1. Extinguishing media

Suitable extinguishing media : Use extinguishing media appropriate for surrounding fire.

Unsuitable extinguishing media : None known.

### 5.2. Special hazards arising from the substance or mixture

Fire hazard : None known.

Reactivity : Stable under normal conditions.

### 5.3. Advice for firefighters

Protection during firefighting : Do not enter fire area without proper protective equipment, including respiratory protection.

## SECTION 6: Accidental release measures

### 6.1. Personal precautions, protective equipment and emergency procedures

#### 6.1.1. For non-emergency personnel

Protective equipment : Use personal protective equipment as required.

Emergency procedures : Evacuate unnecessary personnel. Avoid dust formation. Avoid contact with skin and eyes. Do not breathe dust.



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### 6.1.2. For emergency responders

- Protective equipment : Wear suitable protective clothing, gloves and eye or face protection. Where excessive dust may result, wear approved mask.
- Emergency procedures : Ensure adequate ventilation. Avoid dust formation. Avoid contact with skin and eyes. Do not breathe dust. Wear independent breathing equipment.

### 6.2. Environmental precautions

Notify authorities if large amounts of the product enters sewers or public waters.

### 6.3. Methods and material for containment and cleaning up

- Methods for cleaning up : Collect using vacuum cleaner fitted with HEPA filter. Sweep or shovel spills into appropriate container for disposal. Minimize generation of dust. Do not dry sweep dust. Store away from other materials.

### 6.4. Reference to other sections

SECTION 8: Exposure controls/personal protection. SECTION 13: Disposal considerations.

## SECTION 7: Handling and storage

### 7.1. Precautions for safe handling

- Precautions for safe handling : Provide appropriate exhaust ventilation at places where dust is formed. Avoid dust formation. Avoid contact with skin and eyes. Wash hands and other exposed areas with mild soap and water before eating, drinking or smoking and when leaving work. Do not breathe dust.

### 7.2. Conditions for safe storage, including any incompatibilities

- Storage conditions : Keep container closed when not in use.

## SECTION 8: Exposure controls/personal protection

### 8.1. Control parameters

| Talc (14807-96-6)                   |                                     |                                             |
|-------------------------------------|-------------------------------------|---------------------------------------------|
| ACGIH                               | ACGIH TWA (mg/m <sup>3</sup> )      | 2 mg/m <sup>3</sup>                         |
| OSHA                                | OSHA PEL (TWA) (mg/m <sup>3</sup> ) | 2 mg/m <sup>3</sup> Respirable Fraction     |
| OSHA                                | Remark (OSHA)                       | (3) See Table Z-3.                          |
| Chlorite-group minerals (1318-59-8) |                                     |                                             |
| Not applicable                      |                                     |                                             |
| Quartz (fine fraction) (14808-60-7) |                                     |                                             |
| ACGIH                               | ACGIH TWA (mg/m <sup>3</sup> )      | 0.025 mg/m <sup>3</sup> Respirable Fraction |
| OSHA                                | OSHA PEL (TWA) (mg/m <sup>3</sup> ) | 0.1 mg/m <sup>3</sup>                       |
| OSHA                                | Remark (OSHA)                       | (3) See Table Z-3.                          |

### 8.2. Exposure controls

- Appropriate engineering controls : Provide adequate ventilation, including appropriate local extraction, to ensure that occupational exposure limits are not exceeded. Provide appropriate exhaust ventilation at places where dust is formed.
- Personal protective equipment : Avoid all unnecessary exposure.
- Hand protection : Wear chemically resistant protective gloves.
- Eye protection : Chemical goggles or safety glasses.
- Skin and body protection : Use chemically protective clothing.
- Respiratory protection : Dust mask or respirator.
- Thermal hazard protection : Not required for normal conditions of use.
- Environmental exposure controls : Avoid release to the environment.
- Other information : Do not eat, drink or smoke during use.

## SECTION 9: Physical and chemical properties

### 9.1. Information on basic physical and chemical properties

- Physical state : Solid

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|                                             |                     |
|---------------------------------------------|---------------------|
| Appearance                                  | : White. Powder.    |
| Color                                       | : White             |
| Odor                                        | : None              |
| Odor threshold                              | : No data available |
| pH                                          | : No data available |
| Melting point                               | : No data available |
| Freezing point                              | : No data available |
| Boiling point                               | : No data available |
| Flash point                                 | : No data available |
| Relative evaporation rate (butyl acetate=1) | : No data available |
| Flammability (solid, gas)                   | : No data available |
| Vapor pressure                              | : No data available |
| Relative vapor density at 20 °C             | : No data available |
| Relative density                            | : 2.8               |
| Solubility                                  | : Insoluble.        |
| Log Pow                                     | : No data available |
| Auto-ignition temperature                   | : No data available |
| Decomposition temperature                   | : No data available |
| Viscosity, kinematic                        | : No data available |
| Viscosity, dynamic                          | : No data available |
| Explosion limits                            | : No data available |
| Explosive properties                        | : Not explosive.    |
| Oxidizing properties                        | : Not oxidizing.    |

### 9.2. Other information

No additional information available

## SECTION 10: Stability and reactivity

### 10.1. Reactivity

Stable under normal conditions.

### 10.2. Chemical stability

Stable under normal conditions.

### 10.3. Possibility of hazardous reactions

None known.

### 10.4. Conditions to avoid

Dust formation.

### 10.5. Incompatible materials

None.

### 10.6. Hazardous decomposition products

None known.

## SECTION 11: Toxicological information

### 11.1. Information on toxicological effects

|                                   |                                  |
|-----------------------------------|----------------------------------|
| Acute toxicity                    | : Not classified                 |
| Skin corrosion/irritation         | : Not classified                 |
| Serious eye damage/irritation     | : Not classified                 |
| Respiratory or skin sensitization | : Not classified                 |
| Germ cell mutagenicity            | : Not classified                 |
| Carcinogenicity                   | : May cause cancer (Inhalation). |



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|                                                    |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |
|----------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Talc (14807-96-6)</b>                           |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |
| IARC group                                         | Inhaled talc not containing asbestos or asbestiform fibers: 3 - Not classifiable<br>Talc-based body powder for perineal dusting: 2B - Possibly carcinogenic to humans                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |
| National Toxicology Program (NTP) Status           | Not listed by NTP, ACGIH, OSHA, or NIOSH                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |
| <b>Quartz (fine fraction) (14808-60-7)</b>         |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |
| IARC group                                         | 1 - Carcinogenic to humans                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |
| Reproductive toxicity                              | : Not classified                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |
| Specific target organ toxicity (single exposure)   | : Not classified                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |
| Specific target organ toxicity (repeated exposure) | : Not classified                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |
| Aspiration hazard                                  | : Not classified                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |
| Symptoms/injuries after inhalation                 | : May cause irritation to the respiratory tract.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |
| Symptoms/injuries after skin contact               | : Repeated and/or prolonged skin contact may cause irritation.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |
| Symptoms/injuries after eye contact                | : May cause eye irritation.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |
| Other information                                  | : IARC: In 2006, IARC concluded that inhaled talc not containing asbestos or asbestiform fibers is not classifiable as a human carcinogen (Group 3). IARC concluded that there is limited evidence that the use of talc-based body powder for perineal dusting is a possible risk factor for ovarian cancer (Group 2B). This is not a route of exposure relevant to workers and applies only to one specific use of talc.<br>NTP: In 2000, NTP reviewed both "talc containing asbestiform fibers" and "talc not containing asbestiform fibers," and did not list either type in light of continuing uncertainty in the scientific literature. The NTP did not consider the ovarian cancer studies in the evaluation of talc not containing asbestiform fibers because it was unclear if the talc used in these studies might have been contaminated with asbestos. 66 Fed. Reg. 13,334 (Mar. 5, 2001).<br>U.S.FDA: In 2009 - 2010, U.S. FDA conducted a survey of currently marketed cosmetic products containing talc- as well as the talc in the cosmetic products, and found no asbestos fibers or structures. FDA continues to monitor new information concerning talc safety. There are epidemiology studies on this subject in the reported literature that should be consulted for further information. |

## SECTION 12: Ecological information

### 12.1. Toxicity

Ecology - general : Not classified.

#### Talc (14807-96-6)

LC50 fish > 100 g/l Brachydanio rerio

### 12.2. Persistence and degradability

#### TALC

Persistence and degradability Not relevant for inorganic substances.

### 12.3. Bioaccumulative potential

#### TALC

Bioaccumulative potential Not relevant for inorganic substances.

### 12.4. Mobility in soil

#### TALC

Ecology - soil No information available.

### 12.5. Other adverse effects

Effect on the global warming : No known effects from this product.  
GWPmix comment : No known effects from this product.



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### SECTION 13: Disposal considerations

#### 13.1. Waste treatment methods

Waste disposal recommendations : Dispose in a safe manner in accordance with local/national regulations.

### SECTION 14: Transport information

#### Department of Transportation (DOT)

In accordance with DOT

Not regulated

#### TDG

Not regulated

#### Transport by sea

Not regulated

#### Air transport

Not regulated

### SECTION 15: Regulatory information

#### 15.1. US Federal regulations

This product or mixture does not contain a toxic chemical or chemicals in excess of the applicable de minimis concentration as specified in 40 CFR §372.38(a) subject to the reporting requirements of section 313 of Title III of the Superfund Amendments and Reauthorization Act of 1986 and 40 CFR Part 372.

##### Talc (14807-96-6)

Listed on the United States TSCA (Toxic Substances Control Act) inventory

##### Quartz (fine fraction) (14808-60-7)

Listed on the United States TSCA (Toxic Substances Control Act) inventory

#### 15.2. International regulations

##### CANADA

###### TALC

|                      |                                                                                    |
|----------------------|------------------------------------------------------------------------------------|
| WHMIS Classification | Class D Division 2 Subdivision A - Very toxic material causing other toxic effects |
|----------------------|------------------------------------------------------------------------------------|

##### EU-Regulations

No additional information available

##### National regulations

###### TALC

All naturally occurring components of this product are automatically included in the USEPA TSCA inventory list per 4- CFR 710.4 (b). All other components are on the USEPA TSCA inventory list

Generally acceptable for use in vanilla powder and vanilla-vanillin powder under food standards 21 CFR 169.179 and 169.182

Generally approved for use as a colorant only as components of paper and paperboard in contact with aqueous fatty foods (21 CFR 176.170)

Generally Recognized As Safe as an anti-caking agent in table salt up to 2% (21 CFR 182.2437)

Generally approved for use as a pigment or colorant in the manufacture of articles which come into contact with food, under the following citations: 21 CFR 174.5 (d), 175.105, 175.125, 175.300 (b)(3)(xxvi), 175.320, 175.380, 175.390, 176.170 (b) (2), 176.180 (b) (1), 176.200, 177.1210, 177.1350, 177.1460, 177.2600 (c)(1), 182.70, 182.90

Generally approved for use in olefin polymers used in the manufacture of articles which come in contact with foods under 21 CFR 177.1520

##### Talc (14807-96-6)

Listed on IARC (International Agency for Research on Cancer)

##### Quartz (fine fraction) (14808-60-7)

Listed on IARC (International Agency for Research on Cancer)

#### 15.3. US State regulations

California Proposition 65 - This product contains, or may contain, trace quantities of a substance(s) known to the state of California to cause cancer and/or reproductive toxicity



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| Quartz (fine fraction) (14808-60-7)                        |                                                             |                                                                     |                                                                   |                                   |
|------------------------------------------------------------|-------------------------------------------------------------|---------------------------------------------------------------------|-------------------------------------------------------------------|-----------------------------------|
| U.S. - California - Proposition 65 - Carcinogens List      | U.S. - California - Proposition 65 - Developmental Toxicity | U.S. - California - Proposition 65 - Reproductive Toxicity - Female | U.S. - California - Proposition 65 - Reproductive Toxicity - Male | Non-significant risk level (NSRL) |
| Yes                                                        | No                                                          | No                                                                  | No                                                                |                                   |
| Talc (14807-96-6)                                          |                                                             |                                                                     |                                                                   |                                   |
| U.S. - New Jersey - Right to Know Hazardous Substance List |                                                             |                                                                     |                                                                   |                                   |
| U.S. - Pennsylvania - RTK (Right to Know) List             |                                                             |                                                                     |                                                                   |                                   |
| U.S. - Massachusetts - Right To Know List                  |                                                             |                                                                     |                                                                   |                                   |
| Quartz (fine fraction) (14808-60-7)                        |                                                             |                                                                     |                                                                   |                                   |
| U.S. - New Jersey - Right to Know Hazardous Substance List |                                                             |                                                                     |                                                                   |                                   |
| U.S. - Massachusetts - Right To Know List                  |                                                             |                                                                     |                                                                   |                                   |
| U.S. - Pennsylvania - RTK (Right to Know) List             |                                                             |                                                                     |                                                                   |                                   |

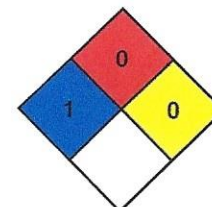
### SECTION 16: Other information

Revision date : 05/09/2016  
Data sources : US OSHA HazCom (GHS) 25 May 2012.

Full text of H-phrases:

|      |                                  |
|------|----------------------------------|
| H335 | May cause respiratory irritation |
| H350 | May cause cancer                 |
| H370 | Causes damage to organs          |

NFPA health hazard : 1 - Exposure could cause irritation but only minor residual injury even if no treatment is given.  
NFPA fire hazard : 0 - Materials that will not burn.  
NFPA reactivity : 0 - Normally stable, even under fire exposure conditions, and are not reactive with water.



HMIS III Rating  
Health : 1 Slight Hazard - Irritation or minor reversible injury possible,\* Chronic Hazard - Chronic (long-term) health effects may result from repeated overexposure  
Flammability : 0 Minimal Hazard - Materials that will not burn  
Physical : 0 Minimal Hazard - Materials that are normally stable, even under fire conditions, and will NOT react with water, polymerize, decompose, condense, or self-react. Non-Explosives.  
Personal Protection : E  
E - Safety glasses, Gloves, Dust respirator

SDS US (GHS HazCom 2012)

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