

according to Federal Register / Vol. 77, No. 58 / Monday, March 26, 2012 / Rules and Regulations Date of issue: 09/11/2012 Revision date: 10/27/2022 Supersedes: 04/25/2019

Version: 2.1

## **SECTION 1: Identification**

1.1. Identification	
Product form	: Mixture
Product name	: TALC
Product code	: C-MS-AT-2042STDTALC
Other means of identification	<ul> <li>A-0005 FILLER, ABT® 1000, ABT® 2500, ABT® 2501, CERCRON® MB 2900, CERCRON® MB 3900, CERCRON® MB 50-60, CERCRON® MB 93-37, CERCRON® MB 96-67, CERCRON® MB 96-68, CERCRON® MB 99-01, CERCRON® MP 97-30, CERCRON® MP 98-25, CERCRON® MP 99-48, MICROTALC® BP-210, MICROTALC® DM 12-50, MICROTALC® MP 10-52, MICROTALC® MP 11-51, MICROTALC ®MP 12-50, 399 TALC, MICROTALC® MP 10-52, MICROTALC® MP 12-52, MICROTALC® MP 12-50, 399 TALC, MICROTALC® MP 20-40, MICROTALC® MP 25-38, MICROTALC® MP 30-36, MICROTALC® MP 50-26, MICROTALC® MP 2500, MICROTALC® MP 98-28BC, MICROTALC® MP 45-26 BC, MICROTALC® MPD 2500, MICROTALC® MP 2501, MICROTALC® MP 2500, MICROTALC® MP 2501, MICROTALC® MP 2500, MICROTALC® MP 2501, MICROTUFF® 191, PC 2000, TALCRON® MP 10-52, TALCRON® MP 12-50, TALCRON® MP 15-38, TALCRON® MP 25-38, TALCRON® MP 30-36, TALCRON® MP 40-27, TALCRON® MP 44-26, TALCRON® MP 45-26, ULTRATALC® 609, ULTRATALC® 609D, 9910 TaIC, TALCRON 25 LOA, TALCRON 35 LOA, TALCRON 40 LOA, TALCRON 45 LOA, TALCRON 30 LOA, FLEXTALC 405D, FORTI-TALC™ 609LC TALC, FORTI-TALC™ MP1250UC TALC, FORTI-TALC™ MP1538HC TALC, FORTI-TALC™ MP1538HC TALC, TALCRON MP2040, PC 2000, ICMP 4426,</li> </ul>

1.2.	Relevant identified uses of the sub	ostance or mixture and uses advised against
Use of	the substance/mixture	: Mineral Additive
1.3.	Details of the supplier of the safety	y data sheet
Barretts	s Minerals Inc.	
8625 H	ighway 91 South	
Dillon,.	MT 59725	
USA		
Tel. 40	6-683-3323	
1.4.	Emergency telephone number	
	ency number	<ul> <li>+1 760 476 3962</li> <li>3E Global Emergency Response Services. Access code: 333336 (if you mention SDS name and company name-you don't need the access code)</li> </ul>
SECT	ION 2: Hazard(s) identification	n
2.1.	Classification of the substance or	
GHS-U	S classification	
Carcino	ogenicity Category 1A H350	
	t of H statements : see section 16	
2.2.	Label elements	
GHS-U	S labeling	
Hazard	pictograms (GHS-US)	

	GH508	
Signal word (GHS-US)	: Danger	
Hazard statements (GHS-US)	: H350 - May cause cancer (Inhalation)	
Precautionary statements (GHS-US)	<ul> <li>P201 - Obtain special instructions before use</li> <li>P202 - Do not handle until all safety precautions have been read and understood</li> <li>P260 - Do not breathe dust</li> <li>P280 - Wear protective gloves, protective clothing, eye protection, face protection</li> </ul>	
04/25/2040		Dage 1

according to Federal Register / Vol. 77, No. 58 / Monday, March 26, 2012 / Rules and Regulations

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

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3.2. Mixture
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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 STOT SE 3, H335 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 effect	s, 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 sub-	stance or mixture
Fire hazard	: None known.
Reactivity	: Stable under normal conditions.
5.3. Advice for firefighters	
	: Do not enter fire area without proper protective equipment, including respiratory protection.
SECTION 6: Accidental release meas	ures
6.1. Personal precautions, protective equ	ipment and emergency procedures
6.1.1. For non-emergency personnel	
·····	: Use personal protective equipment as required.
	<ul> <li>Evacuate unnecessary personnel. Avoid dust formation. Avoid contact with skin and eyes. Do not breathe dust.</li> </ul>

according to Federal Register / Vol. 77, No. 58 / Monday, March 26, 2012 / Rules and Regulations

6.1.2.	For emergency responders	
Protect	ive equipment	: Wear suitable protective clothing, gloves and eye or face protection. Where excessive dust may result, wear approved mask.
Emerge	ency 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 a	authorities if large amounts of the produc	t enters sewers or public waters.
6.3.	Methods and material for containm	ent and cleaning up
Method	ls 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	
SECTI	ON 8: Exposure controls/personal protec	tion. SECTION 13: Disposal considerations.
SECT	ION 7: Handling and storage	
7.1.	Precautions for safe handling	
Precau	tions 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, includ	ing any incompatibilities
Storage	e conditions	: Keep container closed when not in use.
SECT	ION 8: Exposure controls/pers	sonal protection
8.1.	Control parameters	
Talc	(14807-96-6)	

ACGIH	ACGIH TWA (mg/m³)	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 (131	8-59-8)				
Not applicable					
Quartz (fine fraction) (14808-60-7)					
ACGIH	ACGIH TWA (mg/m³)	0.025 mg/m <sup>3</sup> Respirable Fraction			
OSHA	OSHA PEL (TWA) (mg/m³)	0.1 mg/m <sup>3</sup>			
OSHA	Remark (OSHA)	(3) See Table Z-3.			

8.2. Exposure controls	
Appropriate engineering controls	<ul> <li>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.</li> </ul>
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 c	hemical properties		
Physical s	tate	: Solid		

according to Federal Register / Vol. 77, No. 58 / Monday, March 26, 2012 / Rules and Regulations

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.
0.0 Others information	

#### 9.2. Other information

No additional information available

SECT	ION 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 k	nown.	
10.4.	Conditions to avoid	
Dust fo	mation.	
10.5.	Incompatible materials	
None.		
10.6.	Hazardous decomposition products	5
None k	nown.	
SECT	ION 11: Toxicological information	tion
11.1.	Information on toxicological effects	
Acute to	oxicity	: Not classified
Skin co	rrosion/irritation	: Not classified

Skin corrosion/irritation	:	Not classified
Serious eye damage/irritation	:	Not classified

- Respiratory or skin sensitization: Not classifiedGerm cell mutagenicity: Not classified
- Germ cell mutagenicity Carcinogenicity

: May cause cancer (Inhalation).

according to Federal Register / Vol. 77, No. 58 / Monday, March 26, 2012 / Rules and Regulations

Talc (14807-96-6)			
IARC group	Inhaled talc not containing asbestos or asbestiform fibers: 3 - Not classifiableTalc-based body powder for perineal dusting: 2B – Possibly carcinogenic to humansNot listed by NTP, ACGIH, OSHA, or NIOSH		
National Toxicology Program (NTP) Status			
Quartz (fine fraction) (14808-60-7)			
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	<ul> <li>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 on to one specific use of talc.</li> <li>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).</li> <li>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.</li> </ul>		

<b>SECTION 12: Ecological information</b>	
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.

TALC

## Safety Data Sheet

according to Federal Register / Vol. 77, No. 58 / Monday, March 26, 2012 / Rules and Regulations

## **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 occuring 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-vanillan 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 aqeous 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

according to Federal Register / Vol. 77, No. 58 / Monday, March 26, 2012 / Rules and Regulations

Quartz (fine fraction) (14808	8-60-7)					
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 I U.S Pennsylvania - RTK (R U.S Massachusetts - Right		ist				
Quartz (fine fraction) (14808	8-60-7)					
U.S New Jersey - Right to I U.S Massachusetts - Right U.S Pennsylvania - RTK (R		ist				
SECTION 16: Other info	ormation					
Revision date	: 05/09/20	016				
Data sources	: US OSI	HA HazCom (GHS) 25 May 20 <sup>7</sup>	12.			
Full text of H-phrases:						
		May cause respiratory irritation				
H350 May caus		ause cancer				
H370	Causes of	damage to organs				
		sure could cause irritation but only minor residual en if no treatment is given.				
NFPA fire hazard : 0 - Ma		) - Materials that will not burn.				
NFPA reactivity		ally stable, even under fire exp not reactive with water.	bosure conditions,			
HMIS III Rating				-		
lealth		: 1 Slight Hazard - Irritation or minor reversible injury possible,* Chronic Hazard - Chronic (long- term) health effects may result from repeated overexposure				
	: 0 Minim	Hazard - Materials that will not burn				
Flammability		: 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.				
Flammability Physical						

SDS US (GHS HazCom 2012)

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