

## SAFETY DATA SHEET

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Die in diesem Produktdatenblatt genannten Spezifikationen dienen nur zur Produktbeschreibung und beziehen sich auf den Zeitpunkt unmittelbar nach der Produktion bzw. Import des Produktes. Sie entsprechen den Angaben des Herstellers. Eine rechtsverbindliche Zusicherung bestimmter Eigenschaften oder der Eignung für einen bestimmten Einsatzzweck kann hieraus nicht abgeleitet werden. Durch unsachgemäßen Transport und / oder unsachgemäße Lagerung können sich Änderungen ergeben. Die Angaben in diesem Produktdatenblatt entbinden den Verarbeiter nicht von eigener Prüfung der Eigenschaften des Produktes und dessen Eignung für die vorgesehene Verwendung.

## Safety Data Sheet

According to regulation (EC) No. 1907/2006 (REACH)

### 1435000 Talcum 1a Snow White

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#### 1. Identification of the Substance/Mixture and of the Company/Undertaking

##### 1.1. Product Identifier

Product Name: Talcum 1a Snow White

Article No.: 1435000, 1435120

UFI: --

##### 1.2. Relevant identified Uses of the Substance or Mixture and Uses advised against

Identified uses:  
Functional mineral

Uses advised against:

##### 1.3. Details of the Supplier of the Safety Data Sheet (Producer/Importer)

Firma: Deffner & Johann GmbH

Adresse: Mühläckerstraße 13  
DE-97520 Röthlein

Tel./Fax.: Tel: +49 (0) 9723 9350-0  
Fax: +49 (0) 9723 9350-25

Internet: deffner-johann.de/de

Email: info@deffner-johann.de

1.4. Notrufnummern: +49 (0) 9723 9350-0  
(Mo-Fr 8:00 - 17:00)

##### 1.4.2 Poison Center:

#### 2. Hazards Identification

##### 2.1. Classification of the Substance or Mixture

Classification according to Regulation  
(EC) No. 1272/2008 (CLP/GHS)

This product does not require classification and labelling as hazardous according to CLP/GHS.

Possible Environmental Effects:

##### 2.2. Label Elements

Classification according to Regulation  
(EC) No. 1272/2008 (CLP/GHS)

This product does not require classification and labelling as hazardous according to CLP/GHS.

Hazard designation:  
Not applicable.

Signal word:

Hazard designation:

Safety designation:

Hazardous components for labelling:

##### 2.3. Other Hazards

Frequent inhalation of dust over a long period of time increases the  
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*risk of developing lung diseases.  
Depending on the use and handling (e.g. grinding, drying) the  
formation of airborne crystalline silicium dioxid (quartz, cristobalite)  
is possible.  
The symptoms of silicosis are coughing and breathlessness.  
Avoid formation of dust.*

**3. Composition/Information on Ingredients****3.1. Substance****3.2. Mixture**

*Chemical Characterization: Natural compound of talcum, chlorite, dolomite and magnesite.*

*Information on Components / Hazardous  
Ingredients:*

Talcum	100 %	CAS-Nr: 14807-96-6 EINECS-Nr: 238-877-9 EC-Nr:
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*Additional information:*

*This product contains less than 1% of respirable silica, and is  
therefore not classified as harmful.  
Exempted from the mandatory REACH Registration (Annex V No.  
7)*

**4. First Aid Measures****4.1. Description of the First Aid Measures**

*General information:*

*Take affected persons out into the fresh air.*

*After inhalation:*

*Supply fresh air.*

*If breathing is difficult call a physician.*

*After skin contact:*

*No special measures required.*

*After eye contact:*

*Rinse open eye for several minutes under running water. Should  
irritation continue, seek medical advice.*

*After ingestion:*

*No special measures required.*

**4.2. Most important Symptoms and Effects, both Acute and Delayed**

*Symptoms:*

*Irritation of the respiratory tract: coughing, sputum, sneezing,  
irritation of the upper respiratory tract.*

*Effects:*

**4.3. Indication of any Immediate Medical Attention and special Treatment needed**

*Treatment:*

*No special first-aid measures necessary.*

**5. Fire-Fighting Measures**

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### 5. 1. Extinguishing Media

*Suitable extinguishing media:*

*All extinguishing agents suitable.  
Use extinguishing media for surrounding fire.*

*Unsuitable extinguishing media:*

### 5. 2. Special Hazards arising from the Substance or Mixture

*Special hazards:*

*The product is not flammable, not combustible and is not an explosive. No hazardous thermal decomposition.*

### 5. 3. Advice for Firefighters

*Protective equipment:*

*No special measures required.*

*Further information:*

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## 6. Accidental Release Measures

### 6. 1. Personal Precautions, Protective Equipment and Emergency Procedures

*Personal precautions:*

*Avoid formation of dust, wear protective clothing. Keep spectators away.*

### 6. 2. Environmental Precautions

*Environmental precautions:*

*No special measures required.*

### 6. 3. Methods and Material for Containment and Cleaning Up

*Methods and material:*

*Sweep up, then place into a suitable container for disposal. Avoid generating dust.  
If possible do not clean floor with water due to risk of slipping.*

### 6. 4. Reference to other Sections

*Protective clothing, see Section 8.  
See Section 13 for information on disposal.*

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## 7. Handling and Storage

### 7. 1. Precautions for Safe Handling

*Instructions on safe handling:*

*Provide adequate ventilation.  
Avoid formation of dust. Do not inhale dust.*

*Hygienic measures:*

*Keep away from foodstuffs and drinks.*

### 7. 2. Conditions for Safe Storage, including any Incompatibilities

*Storage conditions:*

*Store in tightly sealed containers in a dry room.*

*Requirements for storage areas and containers:*

*Keep container tightly closed.*

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*Information on fire and explosion protection:*

*No special measures necessary.*

*Storage class:*

*Further Information:*

**7.3. Specific End Use(s)**

*Further information:*

*No information available.*

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**8. Exposure Controls/Personal Protection****8.1. Parameters to be Controlled**

*Parameters to be controlled (DE):*

*TLV: 0,5 mg/m<sup>3</sup> air-borne fraction (general dust limit)*

*TLV: 10 mg/m<sup>3</sup> inhalable fraction (general dust limit)*

*Parameters to be controlled:*

*Silica, Quartz (8h, air-borne; TWA): 0.15 mg/m<sup>3</sup> (AT; CH); 0.1 mg/m<sup>3</sup> (FR; NO; GB; SE; BE; DK); 0.05 mg/m<sup>3</sup> (IT; ES)*

*Derived No-Effect Level (DNEL):*

*Predicted No-Effect Concentration (PNEC):*

*Additional Information:*

**8.2. Exposure Controls**

*Technical protective measures:*

*Use appropriate local exhaust ventilation to control airborne levels.*

*Personal Protection*

*General protective measures:*

*Do not inhale dust. Do not eat, drink or smoke while working. Wash hands before breaks and at the end of work.*

*Respiratory protection:*

*Dust mask recommended when very dusty (with particle filter P2/P3; EN 143).*

*Hand protection:*

*Not required*

*Protective glove material:*

*Eye protection:*

*Recommended in case of extreme dust formation (EN 166).*

*Body protection:*

*Environmental precautions:*

*Avoid wind-blown dispersal.*

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**9. Physical and Chemical Properties****9.1. Information on Basic Physical and Chemical Properties**

*Form:*

*powder*

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<i>Color:</i>	<i>white</i>
<i>Odor:</i>	<i>odorless</i>
<i>Odor threshold:</i>	<i>no information available</i>
<i>pH-Value:</i>	<i>9 - 9.5 (10% H2O)</i>
<i>Melting temperature:</i>	<i>&gt; 1300°C</i>
<i>Boiling temperature:</i>	<i>not applicable</i>
<i>Flash point:</i>	<i>not applicable</i>
<i>Evaporation rate:</i>	<i>not applicable</i>
<i>Flammability (solid, gas):</i>	<i>non-combustible</i>
<i>Upper explosion limit:</i>	<i>no information available</i>
<i>Lower explosion limit:</i>	<i>no information available</i>
<i>Vapor pressure:</i>	<i>not determined</i>
<i>Vapor density:</i>	<i>No information available.</i>
<i>Density:</i>	<i>2.58 - 2.83 g/cm3</i>
<i>Solubility in water:</i>	<i>practically insoluble</i>
<i>Coefficient of variation (n-Octanol/Water):</i>	<i>not determined</i>
<i>Auto-ignition temperature:</i>	<i>Product is not auto-ignitable.</i>
<i>Decomposition temperature:</i>	<i>&gt; 1000°C</i>
<i>Viscosity, dynamic:</i>	<i>not applicable</i>
<i>Explosive properties:</i>	<i>Product does not present an explosion hazard.</i>
<i>Oxidizing properties:</i>	<i>not oxidizing</i>
<i>Bulk density:</i>	<i>not determined</i>

**9.2. Further Information**

*Solubility in solvents:*

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*Soluble in hydrofluoric acid**Viscosity, kinematic:**Burning class:**Solvent content:**Solid content:**Particle size:**Other information:**No further information.*

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**10. Stability and Reactivity****10.1. Reactivity***Inert, not reactive.***10.2. Chemical Stability***Stable at room temperature.***10.3. Possibility of Hazardous Reactions***Unknown.***10.4. Conditions to Avoid***Conditions to avoid:**No further information available.**Thermal decomposition:**> 1000°C***10.5. Incompatible Materials***No information available.***10.6. Hazardous Decomposition Products***None known.***10.7. Further Information**

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**11. Toxicological Information****11.1. Information on Hazard Classes as defined in Regulation (EC) No. 1272/2008***Acute Toxicity**LD50, oral:**> 5000 mg/kg bw (Weir, 1974)**LD50, dermal:**No information available.**LC50, inhalation:**No information available.**Primary effects**Irritant effect on skin:**Non irritating (rabbit; OECD 404)**Irritant effect on eyes:**No information available.**Inhalation:**No information available.*

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*Ingestion:*

*No information available*

*Sensitization:*

*No sensitizing effects known.*

*Mutagenicity:*

*In vitro genetic-toxicity: negative (OECD 471, S. typhimurium)*

*Reproductive toxicity:*

*The oral exposition to talcum does not have any adverse effects on the development of the unborn child (OECD 413, rabbit).*

*Carcinogenicity:*

*2006, the IARC (International Agency for Research on Cancer) concluded that talcum is not classified as carcinogenic to humans (Group 3). According to the IARC Monograph, Vol. 93 (2010), there was not sufficient evidence for a possible risk of ovarian cancer (Group 2B) for talcum based body powder.*

*Teratogenicity:*

*No information available.*

*Specific target organ toxicity (STOT):*

*Single exposure: no information available.  
 Repeated exposure: no organospecific toxicity expected.  
 Repeated exposure: no significant adverse effects observed in animal studies (oral, Wagner JC et al., 1977)*

*Aspiration hazard*

*No risk of aspiration.*

**11. 2. Information on other Hazards**

*Endocrine Disrupting Properties:  
 Not listed.*

**12. Ecological Information**

**12. 1. Aquatic Toxicity**

*No toxicity expected.*

*Fish toxicity:*

*Daphnia toxicity:*

*Bacteria toxicity:*

*Algae toxicity:*

**12. 2. Persistency and Degradability**

*Inorganic substance. Biological degradability is not affected.*

**12. 3. Bioaccumulation**

*Not relevant.*

**12. 4. Mobility**

*Weak mobility.*

**12. 5. Results of PBT- und vPvP Assessment**

*The contents of the preparation do not comply with the criteria for the classification as PBT or vPvB.*

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**12.6. Endocrine Disrupting Properties***Not listed.***12.7. Other Adverse Effects***Water hazard class:**Not hazardous.**Behaviour in sewage systems:**Further ecological effects:**No special effects or hazards known.**AOX Value:***13. Disposal Considerations****13.1. Waste Treatment Methods***Product:**If possible reuse product.**Dispose of according to official national and local regulations.**European Waste Code (EWC):**010102 - Wastes from mineral non-metalliferous excavation**Uncleaned packaging:**Dispose of according to official local regulations.**Waste Code No.:***14. Transport Information****14.1. UN Number***ADR, IMDG, IATA***14.2. UN Proper Shipping Name***ADR/RID:**No hazardous goods according to ADR / DOT (US) (land transportation).**IMDG/IATA:**Not hazardous goods***14.3. Transport Hazard Classes***ADR Class:**not applicable**Hazard no.:**Classification code:**Tunnel restriction code:**IMDG Class (sea):**not applicable**Hazard no.:**EmS No.:**IATA Class:*

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*not applicable**Hazard no.:***14. 4. Packaging Group***ADR/RID:**not applicable**IMDG:**IATA:***14. 5. Environmental Hazards***None***14. 6. Special Precautions for User***Not classified as a dangerous good under transport regulations.***14. 7. Maritime Transport in Bulk according to IMO Instruments***not applicable***14. 8. Further Information****15. Regulatory Information****15. 1. Safety, Health and Environmental Regulations/Legislation specific for the Substance or Mixture***Water hazard class:**0, not hazardous (German Regulation)**Local regulations on chemical accidents:**Employment restrictions:**Restriction and prohibition of application:**Technical instructions on air quality:***15. 2. Chemical Safety Assessment***Exempted from the mandatory REACH Registration (Annex V No. 7)***15. 3. Further Information***ISHL: This product does not contain any hazardous components according to the Industrial Safety and Health Law. Contains < 1 % airborne silicon dioxide.**TCCA: This product does not contain any chemicals which are classified to be toxic, only for limited use or prohibited.**DSML: This product does not contain any chemical according to the Dangerous Substances Management Law.**Waste Management Law: disposal according to the the Waste Management Law and its regulations.**Listed in the following inventories:**EINECS (238-877-9), TSCA (US), AICS (AUS), DSL(CA), KECI (KR; KE-32773), PICCS (PH), IECSC (CN), NZIoC (NZ), TCSI (TW)***16. Other Information***This product should be stored, handled and used in accordance with good hygiene practices and in conformity with any legal regulations. This information contained herein is based on the present state of knowledge and is intended to describe our product*

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*from the point of view of safety requirements. It should be  
therefore not be construed as guaranteeing specific properties.*