

EC-Material Safety Data Sheet

according to EC-direction 2001/58/EC
for the product line

Anti set-off spray powder L3



reviewed on

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printed on

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<p>1 Identification of substance</p> <p>1.1 Identification – trade name Anti set-off spray powder L3 available in grain sizes 15 - 20 - 30 – 45</p> <p>1.2 Special usage Spacer between freshly printed sheets in the stack. The powder prevents the setting-off on the reverse side of the printed matter and enables a fast drying of the ink.</p> <p>1.3 Company's name – manufacturer KSL staubtechnik gmbh Westendstrasse 11, D-89415 Lauingen, Germany Telephone ++49 / (0) 9072 95000 Telefax ++49 / (0) 9072 950050</p> <p>1.4 Emergency phone – please see 1.3</p> <hr/> <p>2 Composition / Data of components</p> <p>Chemical characterization Sugar derivative C₁₂H₂₂O₅</p> <p>Health hazardous substances None</p> <p>Ratings/symbols/R-clauses None</p> <p>EINECS-Number: 200-559-2 CAS-Number: 10039-26-6</p> <hr/> <p>3 Hazards identification Identification of hazards is not necessary. Danger of explosion as dust-air-mixture.</p> <hr/> <p>4 First-aid measures</p> <p>After eye contact Rinse eyes with water.</p> <p>After skin contact Clean with water, skin irritation can be caused by rubbing.</p> <p>After inhalation Remove to fresh air.</p> <p>After swallowing No measures necessary – foodstuff. In case of any irritation it is advisable to consult medical attention.</p> <hr/> <p>5 Fire-fighting measures</p> <p>Suitable extinguishing agents In case of general burning spray with water, CO₂ or foam.</p> <hr/> <p>6 Accidental release measures</p> <p>Person-related safety precautions Avoid heavy formation of dust, wear breathing-mask, if necessary.</p> <p>Measures for environmental protection In case of unintentional release wipe-up mechanically and clean with water, if necessary.</p>	<p>7 Handling and storage</p> <p>7.1 Handling Avoid formation and deposition of dust. Take measures against electrostatic charge, avoid sparking.</p> <p>7.2 Storage Keep containers shut and store at a dry and cool place.</p> <p>7.3 Special usage Appropriate and economical application in suitable spraying devices (depending on the kind of work).</p> <hr/> <p>8 Exposure controls and personal protection</p> <p>Technical measures See point 7.1</p> <p>8.1 Exposure limit value * General exposure limit of dust: Part of dust, which can be inhaled: max. 10,0 mg/m³ Part of dust, which can be inhaled into pulmonary alveolus: max. 3,0 mg/m³</p> <p>8.2 Exposure limit and control Personal protective equipment Personal protective equipment is not necessary. The handling should conform to general protection and hygiene measures.</p> <hr/> <p>9 Physical and chemical properties</p> <table><tr><td>Appearance</td><td>white powder</td></tr><tr><td>Smell/Odour</td><td>neutral</td></tr><tr><td>Flavour</td><td>slightly sweet</td></tr><tr><td>Change of state</td><td>none</td></tr><tr><td>pH-value</td><td>3,8 – 6,5 (100 g in 1000 ml H₂O, 20° C)</td></tr><tr><td>Bulk density (depending on grain size)</td><td>550-950 kg/m³</td></tr><tr><td>Solubility - Water solubility</td><td>216 g in 1000 ml H₂O, 25° C</td></tr><tr><td>Melting point</td><td>approx. 202° C</td></tr><tr><td>Density</td><td>1,525 g/cm³ (bei 20° C)</td></tr><tr><td>Explosive limits</td><td></td></tr><tr><td>Ignition temperature</td><td>approx. 420° C</td></tr><tr><td>Lower explosion limit</td><td>ca. 60 g/m³ (flammable limit)</td></tr><tr><td>Grade of dust explosion</td><td>St 1</td></tr></table> <p>Additional remarks No decomposition if used correctly.</p>	Appearance	white powder	Smell/Odour	neutral	Flavour	slightly sweet	Change of state	none	pH-value	3,8 – 6,5 (100 g in 1000 ml H ₂ O, 20° C)	Bulk density (depending on grain size)	550-950 kg/m ³	Solubility - Water solubility	216 g in 1000 ml H ₂ O, 25° C	Melting point	approx. 202° C	Density	1,525 g/cm ³ (bei 20° C)	Explosive limits		Ignition temperature	approx. 420° C	Lower explosion limit	ca. 60 g/m ³ (flammable limit)	Grade of dust explosion	St 1
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<p>10 Stability and reactivity Conditions to be avoided Temperatures > 100° C Materials to be avoided Avoid contact with oxidizing chemicals. Hazardous decomposition products None.</p>	<p>16 Other information Status of registration Europe/European Community: CAS-Number 10039-26-6 EINECS listed under 200-559-2 HS-Number 1702 11 00 USA: Listed in the TSCA Inventory.</p> <p>Further information The suggestions and data provided herewith are based on the present state of our knowledge. The information is not to be considered as a guarantee of the product's properties and does not create any legal relationship.</p> <p>The Material Safety Data Sheet is only an informational literature for the user.</p> <p>It was made under maximum care, any responsibility for the accuracy of the information or any liability for the consequences of any printing, setting or transmission errors cannot be accepted.</p> <p>In view of the most important data and the technical information we refer to our suppliers resp. manufacturers of the raw materials.</p> <p>In case of doubt our German version of the Material Safety Data Sheet will be valid, as we will not be responsible of any translation.</p> <p>Anti set-off spray powder L3 can be used in the production of foodstuff packaging without any objection. No antibiotics, bactericides or fungicides are used in our production.</p> <p>We have updated this data sheet according to direction 2001/58/EC (*see modifications) for our customers although sugar derivative is not dangerous in the meaning of the official regulations for hazardous goods (GefStoffV/ChemG).</p> <p>Sugar derivative is foodstuff.</p>
<p>11 Toxicological information The product is a common component of pharmaceutical products and foodstuff.</p>	
<p>12 Ecological information An organic product, ecological harmless as natural concentrate. The product can be degraded/eliminated biochemical in good manner. Chemical oxygen demand (CSB) 1025 mg oxygen/gram)</p>	
<p>13 Disposal considerations Recommendation for material and packaging Taking into consideration the local authority regulations, the product can be disposed together with household waste. The packaging is recyclable. Waste disposal key number according to waste listing regulation (German: AVV) AVV-Code: 020499 – not otherwise mentioned</p>	
<p>14 Transport information Product is no dangerous product at any mode of transport.</p>	
<p>15 Regulations Marking No marking required. R-clauses respectively S-clauses are not necessary. National regulations According to the water law §19G paragraph 5 sugar derivative is classified in water hazard class as “not water hazardous.”</p>	