



**SO.G.I.S. INDUSTRIA CHIMICA S.p.A.**  
Capitale Sociale € 2.500.000,00  
26048 SOSPIRO (Cremona) - Italia  
Via Giuseppina, 132  
☎ (+39)0372622211 – 📠 (+39)0372622290  
Codice Fiscale e Partita I.V.A. 00110160199  
Posizione Export n. CR 000759

Safety Data Sheet according to Regulation nr 1907/2006/EC dated 18/12/2006 of the EU Parliament and the Council.

Please read carefully this Safety Data Sheet in order to know the possible dangers that could rise from this product and show it to all the people that could come into contact with this material.

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## 1. IDENTIFICATION OF THE SUBSTANCE AND IDENTIFICATION OF THE COMPANY

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Name of the product : **CALCIUM STEARATE POS**

Use of the product :

Producer, Supplier : SO.G.I.S. Industria Chimica SpA  
Via Giuseppina, 132  
26048 Sospiro  
Cremona  
Tel.: +39 0372 622 200; Fax.: +39 0372 622 292

Responsible for the safety of the product : Safety Office. Tel.: +39 0372 622 208  
E – mail : [info@sogis.com](mailto:info@sogis.com)

Telephone number in case of emergency : Tel.: +39 0372 622 208 - + 39 348 8604 991

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## 2. HAZARD IDENTIFICATION

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Specific risks : When used properly, no negative effect is known by us

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## 3. CHEMICAL COMPOSITION/INFORMATION ABOUT THE INGREDIENTS

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Chemical composition : 2.1 Chemical description  
Fatty acids Calcium soap  
EINECS name: Octadecanoic acid, Calcium soap  
EINECS number: 2164728  
CAS number: 1592 – 23 – 0  
Bruta formula:  $C_{18}H_{36}O_2 \times \frac{1}{2} Ca$   
Average molecular weight: 586  
2.2 Additives  
None  
2.3 Known impurities causing risks  
None



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#### **4. FIRST AID MEASURES**

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Contact with eyes : Rinse with plenty of water  
Contact with the skin : Wash with soap and plenty of water  
Inhalation : -  
Ingestion : Flush oral cavity and drink water. Ask for medical advice

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#### **5. FIRE FIGHTING MEASURES**

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Extinguishing means : Use CO<sub>2</sub>, water mist, foam, dry powder  
Unsuitable extinguishing means : Water jet  
Specific hazard during extinguishing : Do not inhale dust, fumes and vapours  
Protective equipment during extinguishing : Respirator, standard protection equipment

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#### **6. ACCIDENTAL RELEASE MEASURES**

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Personal precautions : Prevent the formation of dust, remove ignition sources, do not smoke  
Precautions for the environment : Avoid dispersing the product in sewers, drains and surface waters  
protection  
Methods for cleaning up : Spry spilled material with water and take it up mechanically. Store in a closed container

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#### **7. HANDLING AND STORAGE**

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Precautions for a risk free handling : Safety glasses, antidust mask. Prevent dust formation.  
Precautions for the storage areas and the containers : Store dry in a ventilated environment. Avoid high temperatures



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## **.8. INDIVIDUAL EXPOSURE CONTROL/PERSONAL PROTECTION**

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- Technical measures : Keep the product in closed vessels if you are not using it
- Occupational exposure limits : General limit for dust : 10 mg/m<sup>3</sup>
- Individual protection equipment :
- Breath protection : Antidust mask
- Hands protection : Rubber gloves
- Eyes protection : Safety goggles
- Skin and body protection : Working clothes. Use antistatic working shoes
- Hygiene measures : While working do not eat, drink or smoke; before break, wash your hands.  
Change contaminated clothing and clean the whole body after working.



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## 9. PHYSICAL AND CHEMICAL PROPERTIES

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Appearance	: White powder
Colour	: White
Odour	: Light
Melting point/Melting interval	: 140 °C – 160 °C
Minimum ignition temperature (clouds)	: 260 °C
Flammability Temperature	: Lower flammability limits in the air : 35 mg/l
Autoignition Temperature	: 250 °C
Explosivity	: The powder, dispersed in the air, may explode on contact with flames
Lower explosivity limit	: 30 g/m <sup>3</sup>
Vapour pressure	: -
Bulk density	: 0,35 – 0,45 kg/l
Solubility in water	: 2 mg/l (insoluble)
pH (water solution)	: 6.5 - 10
Partition coefficient	: -

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## 10. STABILITY AND REACTIVITY

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Thermal decomposition	: Thermal decomposition between 315 °C and 540 °
Dangerous reactions	: Dust – air mixtures can explode
Dangerous decomposition products	: Combustion in a low Oxygen environment can develop CO
Materials to avoid	: No particulate material to avoid



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## 11. TOXICOLOGICAL INFORMATION

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Acute oral toxicity	: LD50 (oral rat) : > 10 g/kg
Contact with the skin	: -
Contact with the eyes	: -
Sensibilization	: -
Toxicity in repeated doses	: -
Supplementary information	: When the product is used properly, no negative effect is known by us.
Absorbing ruths	: -

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## 12. ENVIRONMENTAL INFORMATION

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Biodegradability	: 95 % after 28 days
Ecotoxicity	: COD : 110 mg O <sub>2</sub> /g BOD5 : 39 mg O <sub>2</sub> /g BOD 28 : 105 mg O <sub>2</sub> /g Bacteria toxicity : EC50 : 22120 mg/l (DIN 38412 T34)
Fish toxicity	: none
Further information	: Water hazard class (WKG) : NWG (non water endangering)

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## 13. DISPOSAL CONSIDERATIONS

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Product	: Dispose according to local and state regulations. Waste disposal by controlled incineration.
Contaminated packaging	: Has to be treated like chemical waste. Dispose according to local and state regulations



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## 14. TRANSPORT INFORMATION

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### ADR/RID

This material is not subject to ADR norms

### IMDG

Material considered not dangerous

### ICAO/IATA

Material considered not dangerous

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## 15. REGULATORY INFORMATION

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References : Directive 67/548/EC, Directive 88/379/EC, Directive 92/32/EC  
Further information : According to the available data, this material does not need to be labelled

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### Registration

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EINECS : Registered

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## 16. OTHER INFORMATION

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To the best of our knowledge, the information contained in this sheet is correct. However, we cannot accept responsibility or liability for any consequences arising from the use of the product.