



# MATERIAL SAFETY DATA SHEET

VERSION 5

## COLOURED SODIUM SULPHATE

According to Regulation (EC) No 1907/2006, amended by Regulation (EU) 2015/830

25/03/2019

### 1 IDENTIFICATION OF THE MIXTURE AND THE COMPANY

#### Product identifier

Name of the Product: **COLOURED SODIUM SULPHATE**

#### Relevant identified uses of the mixture and uses advised against

*Relevant identified uses*                      *Description of real action:*

Manufacture of detergents:                      Filling agent

#### Details of the supplier of the safety data sheet

Name: MINERA DE SANTA MARTA, S.A.

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50001 Zaragoza (Spain)

Telephone: (+ 34) 976 216 129

Fax: (+ 34) 901 020 266

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#### Emergency telephone number:

National Toxicology Institute                      (+34) 915 620 420

### 2 IDENTIFICATION OF THE HAZARDS

#### Classification of the substance or mixture

In accordance with Regulation (EC) 1272/2008 (CLP), this product **is not considered as a Hazardous Substance.**

#### Elements on the label

The substance does not require labelling as dangerous in accordance with the Regulation (EC) 1272/2008 (CLP)

#### Other hazards

No other risk is specified

### 3 COMPOSITION/INFORMATION ABOUT THE COMPONENTS

	%	Nº CAS	Nº EINECS:
Anhydrous sodium sulphate	>96,8	7757-82-6	231-820-9
Sodium silicate	<3%	1344-09-8	215-687-4

#### Pigments used for the different coloured products

Colour	%	Pigment (Generic Name)	Colour Index
Green	<0,2	Pigment Green 7	74260
Blue	<0,2	Pigment Blue 15	74160
Red	<1,0	Pigment Red 57:1	15850
Pink P	<0,2	Pigment Red 57:1	15850
Pink C	<0,2	Pigment Red 5	12490
Orange	<0,2	Pigment Orange 13	21130
Violet	<1,0	Pigment Violet 23	51319



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### 4 FIRST AID MEASURES

#### Description of first aid measures

Inhaled:	Remove victim from exposure and into fresh air.
Skin contact:	No particular instructions have been specified.
Eye contact:	Wash immediately with abundant water during 15 minutes keeping eyes well open and providing medical attention.
Ingested:	Rinse mouth with water.

**Most important symptoms and effects, both acute and delayed** Laxative effect in large doses. In case of discomfort, seek medical attention.

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

No other indication is required.

### 5 FIRE-FIGHTING MEASURES

<b>Extinguishing media:</b>	All possible extinguishing media can be used.
<b>Special hazards arising from the substance or mixture:</b>	The product is not considered as flammable. But under the effects of heat, it may emit toxic gases.
<b>Advice for firefighters</b>	Respiratory protection, eye protection, boots and gloves.

### 6 ACCIDENTAL RELEASE MEASURES

<b>Personal precautions, protection equipment and emergency procedures:</b>	Avoid contact with eyes. Contain the contaminated area and restrict access to unauthorized persons.
<b>Environmental precautions:</b>	Prevent spillage from entering the sewer system or in the water flows. If not possible, dilute with water.
<b>Methods and material for containment and cleaning up</b>	
Recovery:	Collect the product using suitable media (broom, vacuum cleaner)
Cleaning:	Place the spilt product in a suitable container and label it correctly
Disposal:	Disposal of the material or solid waste at an authorized centre.
<b>Reference to other sections</b>	For more information, see Section 8

### 7 HANDLING AND STORAGE

#### Precautions for safe handling

Technical measures:	No particular technical intervention is required
Precautions:	Avoid the formation or dispersion of dust into the atmosphere
Usage recommendations:	Respect the usage instructions

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

Technical measures:	Keep containers sealed and stored in dry areas.
Incompatible substances:	See Point 10: Stability and Reactivity.
Packaging conditions:	The product can be stored in common commercial containers.
Maximum quantities that can be stored:	Not applicable
Packaging materials:	Plastic materials (polyethylene, polypropylene)

**Specific end use(s)** No additional recommendations



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### 8 EXPOSURE CONTROLS / PERSONAL PROTECTION

#### Control parameters

TLV (Threshold Limit Value): None

#### Exposure controls

Technical measures: Localise the source of dust emission. Ensure that the workspace is well ventilated

Collective emergency measures: Emergency eyebath

Individual protection

Respiratory protection: Anti-dust filter mask

Eye protection: Safety goggles.

Environmental exposure controls: No applicable legislation.

### 9 PHYSICAL AND CHEMICAL PROPERTIES

#### Information on basic physical and chemical properties

Physical state: Solid

Appearance: Powder or granules

Colour: White

Odour: Odourless

#### Other information

pH aqueous solution: 10,5 at 20° C, solution at 10%

Fusion point: Not available

Boiling point: Not available

Flash point: Not applicable

Explosive properties: Non-explosive according to EC criteria

Combustion properties: Non-combustible according to EC criteria

Decomposition temperature: Not available

Bulk density: 1,45 – 1,65 Kg/dm<sup>3</sup> (non-compacted product)

Solubility

In water: Soluble

In ethanol: Insoluble

In glycol: Insoluble

Distribution coefficient n-octanol/water: Not available

Hygroscopicity: Hygroscopic product

### 10 STABILITY AND REACTIVITY

Reactivity: No specific data.

Chemical stability: Stable at ambient temperatures and in normal usage conditions.

Possibility of hazardous reactions: No dangerous reaction is known under normal conditions of use.

Conditions to avoid: Keep away from moisture to prevent caking

Incompatible materials: No specific data.

Hazardous decomposition products: Emits toxic gases through thermal pyrolysis decomposition (sulphur oxides)



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### 11 TOXICOLOGICAL INFORMATION

#### Information on the toxicological effects

Acute toxicity:	It is neither considered toxic nor noxious. LD <sub>50</sub> oral (rat): 9.000 mg/kg.
Irritation:	May cause slight ocular and nasal mucous irritation by mechanical effect.
CMR effects	No Carcinogenic, Mutagenic, Reprotoxic effects described

### 12 ECOLOGICAL INFORMATION

#### Toxicity

Aquatic toxicity Not available

#### Persistence and degradability:

Anaerobic reduction by sulphate-reducing bacteria. In the presence of organic substances, sodium sulphate is reduced through the sulphur cycle.

#### Bioaccumulative potential

Non-bioaccumulable

#### Mobility in the soil:

Easily penetrates the soil due to the effects of rain.

#### Results of PBT and vPvB assessment

The product does not meet the criteria to be considered PBT or vPvB.

#### Other adverse effects

Other effects have not been described.

### 13 CONSIDERATIONS REGARDING DISPOSAL

#### Waste treatment methods

Deposit in an authorized centre for collection of Non-Hazardous Industrial Waste

#### NOTES

The user must pay attention to the possible existence of local instructions and regulations related to suitable means of disposal.

### 14 TRANSPORT INFORMATION

By Land (RID/ADR): Not applicable

By Sea (IMO/IMDG): Not applicable

By Air (ICAO/IATA): Not applicable

DOT regulations: non-hazardous substance for transport

#### UN number

Not applicable

#### UN proper shipping name

Not applicable

#### Transport hazard class(es)

Not applicable

#### Packing group

Not applicable

#### Environmental hazards

Not applicable

#### Special precautions for user

Not applicable

#### Transport in bulk according to Annex II of MARPOL and the IBC Code

Not applicable

#### NOTES

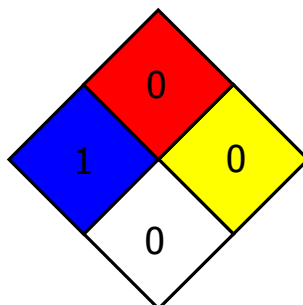
The applicable regulations on this matter are in force at the date of printing this data sheet.

### 15 REGULATORY INFORMATION

#### Regulations and legislation on the subject of safety, health and the environment

Classification of chemical products according to NFPA (National Fire Protection Association)

<b>HEALTH</b>
<b>FLAMMABILITY</b>
<b>REACTIVITY</b>
<b>OTHERS</b>



#### AVERAGE DANGERS:

4 = EXTREME  
 3 = HIGH  
 2 = MODERATE  
 1 = LOW  
 0 = INSIGNIFICANT

#### REACH regulation

Coloured Sodium Sulphate produced by Minera de Santa Marta, S.A. is a preparation which main component is sodium sulphate from natural origin, to which is added Sodium Silicate and different pigments according to required colour by our customers. Due to the fact that this preparation is produced without neither chemical reaction nor chemical modification of these elements, Minera de Santa Marta, S.A. is not obliged to register Coloured Sodium Sulphate.

#### **Chemical safety assessment**

Not a chemical safety assessment for this substance

### 16 OTHER INFORMATION

Version 5 of Safety Information Sheet      Inclusion of new pigment

#### Registrations

All components of this mixture are listed on the TSCA inventory

Procedure used to derive classification according to Regulation (EC) No. 1272/2008

Not classified

#### Abbreviations and acronyms used:

- ADR: European Agreement concerning the International Carriage of Dangerous Goods by Road
- DOT: United States Department Of Transportation
- IATA: International Air Transport Association
- IBC: International code for the construction and equipment of ships carrying dangerous chemicals in bulk
- ICAO: International Civil Aviation Organization
- IMDG: International Maritime Dangerous Goods code
- IMO: International Maritime Organization
- MARPOL: International convention for the prevention of pollution from ships
- PBT: Persistent, Bioaccumulative, Toxic
- RID: International carriage of dangerous goods by rail
- vPvB: very Persistent, very Bioaccumulative

#### NOTES

If used for other purposes than those defined above, other risks may be present over and above specified in this document. Users must know and apply all applicable regulations.

All the information included herein is based on current knowledge regarding the product in question at the time of printing this document.

This information must not be considered as decisive.

This information does not exempt users from taking all forms of precaution not mentioned above and related to the use of the product, for which they are solely responsible.