



MATERIAL SAFETY DATA SHEET

VERSION 4

COLOURED SODIUM SULPHATE

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

15/05/2017

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

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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



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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

Extinguishing media:

All possible extinguishing media can be used.

Special hazards arising from the substance or mixture:

The product is not considered as flammable. But under the effects of heat, it may emit toxic gases.

Advice for firefighters

Respiratory protection, eye protection, boots and gloves.

6 ACCIDENTAL RELEASE MEASURES

Personal precautions, protection equipment and emergency procedures:

Avoid contact with eyes.
Contain the contaminated area and restrict access to unauthorized persons.

Environmental precautions:

Prevent spillage from entering the sewer system or in the water flows. If not possible, dilute with water.

Methods and material for containment and cleaning up

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.

Reference to other sections

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/dm³ (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 ₅₀ 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

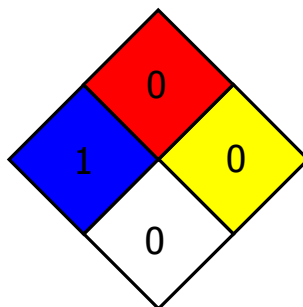
The applicable regulations on this matter are in force at the date of printing this data sheet.

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)

HEALTH
FLAMMABILITY
REACTIVITY
OTHERS



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

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Adaptation to the Regulation (EU) 2015/830

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.