



## BIRLASULF – SS

### Material Safety data sheet

According to EC Directive 91/155/EEC

#### 1. Identification Of The Substance / Preparation And Of The Company / Undertaking

##### Identification of the product

Product name: Sodium Sulphite Anhydrous GR ACS

##### Manufacturer / Supplier Identification

Company: Aditya Birla Chemicals (Thailand)Ltd. (Sulphites Division)  
888/163, 16<sup>th</sup> Floor, Mahatun Plaza Bldg., Ploenchit Road,  
Lumpini, Pathumwan, Bangkok 10330, Thailand  
Tel: (662) 253-6745-54, 650-7774, 252-9471

#### 2. Composition / Information On Ingredients

CAS-No.:	7757-83-7	EC-Index-No.:	-
Molar mass:	126.04	EINECS-No.:	231-821-4
Molecular Formula:	Na <sub>2</sub> SO <sub>3</sub>		

#### 3. Hazards Identification

According to the evaluative data available, a classification according to categories of danger as specified in Directive 67/548/EEC and laid down in the legislation of the country concerned is not required.

#### 4. First Aid Measures

After inhalation: fresh air.

After skin contact: wash off with plenty of water. Remove contaminated clothing.

After eye contact: rinse out with plenty of water for at least 10 minutes with the eyelid held wide open. Summon eye specialist.

After swallowing: make victim drink plenty of water, induce vomiting, summon doctor.

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Sulphites Division

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## 5. Fire-Fighting Measures

Suitable extinguishing media:

In adaption to materials stored in the immediate neighborhood.

Special risks:

Development of hazardous combustion gases or vaporous possible in the event of fire.

The following may develop in event of fire: sulfur oxides

Special protective equipment for fire fighting:

Do not stay in dangerous zone without suitable chemical protection clothing and self-contained breathing apparatus.

Other information:

Non-combustible, Cool container with spray water from a save distance.

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## 6. Accidental Release Measures

Procedures for cleaning / absorption:

Take up dry. Forward for disposal. Clean up affected area.

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## 7. Handling And Storage

**Handling:**

No further requirements.

**Storage:**

Tightly closed. Dry. In a well-ventilated place, Storage temperature: no restrictions.

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## 8. Exposure Controls / Personal Protection

**Personal protective**

**Equipment:**

Respiratory protection: required when dusts are generated.

Eye protection: required

Hand protection: required

Protective clothing should be selected specifically for the working place, depending on concentration and quantity of the hazardous substances handled. The resistance of the protective clothing to chemicals should be ascertained with the respective supplier.

**Industrial hygiene:**

Change contaminated clothing. Application of skin protective barrier cream recommended. Wash hands after working with substance.

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## 9. Physical And Chemical Properties

Form:	Solid	
Colour:	white	
Odour:	odourless	
pH value at 50 g / l water	(20°C)	9.5 – 10.5
Melting temperature		not available
Boiling temperature		not available
Ignition temperature		not available
Flash point		not available
Explosion limits	lower	not available
	upper	not available
Density	(20°C)	2.63 g / cm <sup>3</sup>
Solubility in water	(20°C)	495 g / l

## 10. Stability And Reactivity

### Conditions to be avoided

None

### Substances to be avoided

Oxidizing agent, acids

### Hazardous decomposition products

In the event of fire: sulfur dioxide

## 11. Toxicological Information

### Acute toxicity

LD<sub>50</sub> (oral, rat): 2610 mg / kg

Skin irritation test (rabbit): No irritation.

Eye irritation test (rabbit): No irritation.

## 12. Ecological Information

Ecotoxic effects:

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Toxic for aquatic organisms

Biological effects:

Fish EC<sub>0</sub>: near 50 mg / l (pH 6-7); fish LC<sub>50</sub>: 100 mg / l

Bacteria EC<sub>0</sub>: > 2500 mg / l (pH 6-7)

COD: 125 mg / g

Further ecologic data:

No ecological problems are to be expected when the product is handled and used with due care and attention.

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## 13. Disposal Considerations

### Product:

There are no uniform EC Regulations for the disposal of chemicals or residues.

Chemical residues generally count as special waste. The disposal of the latter is regulated in the EC member countries through corresponding laws and regulations. We recommend that you contact either the authorities in charge or approved waste disposal companies, who will advise you on how to dispose off special waste.

### Packaging:

Disposal in compliance with official regulations. Handle contaminated packaging in the same way as the substance itself. If not officially specified differently, non-contaminated packaging may be treated like household waste or recycled.

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## 14. Transport Information

Not subject to transport regulations.

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## 15. Regulatory Information

### Labeling according to EC Directives

R-phrases: -

S-phrases: -

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## 16. Other Information

Reason for alteration

General update.

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