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, 16th 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
Molar mass: 126.04
Molecular Formula: Na₂SO₃

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.
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.

6. Accidental Release Measures
Procedures for cleaning / absorption:
Take up dry. Forward for disposal. Clean up affected area.

7. Handling And Storage
Handling:
No further requirements.

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

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.
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: not available
Density (20°C): 2.63 g / cm³
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: LD₅₀ (oral, rat): 2610 mg / kg

Skin irritation test (rabbit): No irritation.
Eye irritation test (rabbit): No irritation.

12. Ecological Information

Ecotoxic effects:
Toxic for aquatic organisms

Biological effects:
Fish EC₅₀: near 50 mg / l (pH 6-7): fish LC₅₀: 100 mg / l

Bacteria EC₅₀: > 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.

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.

14. Transport Information
Not subject to transport regulations.

15. Regulatory Information
Labeling according to EC Directives
R-phrases:
S-phrases:

16. Other Information
Reason for alteration
General update.