

1 IDENTIFICATION OF THE SUBSTANCE / PREPARATION AND OF THE COMPANY / UNDERTAKING

Catalogue No : B 71205

Product Name : Barium diphenylamine sulphonate

Manufacture / Supplier Identification Company : **Nice Chemicals (P) Ltd.,**
PB No: 2217, Manimala Road, Edappally,
Kochi - 682 024, Kerala, India.

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2 COMPOSITION / INFORMATION ON INGREDIENTS

Synonyms : 4-(Phenylamino)benzenesulfonic acid
Diphenylamine-4-sulfonic acid

CAS - No : 6211 - 24 - 1

Molar Mass :

Molecular Weight : 633.88 g/mol

Molecular Formula : C₂₄H₂₀BaN₂O₆S₂

EC - INDEX No : 056-002-00-7

EC - No : 228-278-0

3 HAZARDS IDENTIFICATION**Classification of the substance or mixture**

Classification according to Regulation (EC) No 1272/2008
[EU-GHS/CLP] : Acute toxicity (Category 4)
Acute toxicity (Category 4)

Classification according to EU Directives 67/548/EEC or
1999/45/EC : Harmful by inhalation and if swallowed.

Label Elements

Labelling according Regulation (EC) No 1272/2008
[CLP]

Pictogram : 

Signal word : Warning

Catalogue No : B 71205
Product Name : Barium diphenylamine sulphonate

Hazard statement(s)

H302 : Harmful if swallowed.

H332 : Harmful if inhaled

Precautionary statement(s)

: none

Supplemental Hazard

: none

According to European Directive 67/548/EEC as amended.

Hazard symbol(s)



R-phrases)

R20/22

: Harmful by inhalation and if swallowed

S-phrases(s)

S28

: After contact with skin, wash immediately with plenty of soap and water.

Other Hazards

: none

4 FIRST AID MEASURES

General Advice

: Consult a physician. Show this safety data sheet to the doctor in attendance.

After Inhalation

: If breathed in, move person into fresh air. If not breathing, give artificial respiration. Consult a physician.

After skin contact

: Wash off with soap and plenty of water. Consult a physician.

After eye contact

: Flush eyes with water as a precaution.

After swallowing

: Never give anything by mouth to an unconscious person. Rinse mouth with water. Consult a physician.

Most Important symptoms and effects, both acute and delayed

: To the best of our knowledge, the chemical, physical, and toxicological properties have not been thoroughly investigated.

Indication of any immediate medical attention and special treatment needed

: no data available

5 FIRE - FIGHTING MEASURES

Suitable extinguishing media

: Use water spray, alcohol-resistant foam, dry chemical or carbon dioxide.

Catalogue No	: B 71205
Product Name	: Barium diphenylamine sulphonate

Special hazards arising from the substance or mixture	: Carbon oxides, nitrogen oxides (NOx), Sulphur oxides, Barium oxide
Advice for firefighters	: Wear self contained breathing apparatus for fire fighting if necessary
Further Information	: No data available

6 ACCIDENTAL RELEASE MEASURES

Personal precautions, protective equipment and emergency procedures	: Use personal protective equipment. Avoid dust formation. Avoid breathing vapors, mist or gas. Ensure adequate ventilation. Avoid breathing dust.
Environmental-protection	: Do not let product enter drains
Methods and materials for containment and cleaning up	: Pick up and arrange disposal without creating dust. Sweep up and shovel. Keep in suitable, closed containers for disposal.

7 HANDLING AND STORAGE

Precautions for safe handling	: Avoid contact with skin and eyes. Avoid formation of dust and aerosols. Provide appropriate exhaust ventilation at places where dust is formed.
Conditions for safe storage, including any incompatibilities	: Store in cool place. Keep container tightly closed in a dry and well-ventilated place.
Specific end users	: No data available

8 EXPOSURE CONTROLS / PERSONAL PROTECTION

Control parameter	: Components with workplace control parameters
Exposure Controls	
Appropriate engineering controls	: Handle in accordance with good industrial hygiene and safety practice. Wash hands before breaks and at the end of workday.
Personal protective equipment	
Eye/face protection	: Safety glasses with side-shields conforming to EN166 Use equipment for eye protection tested and approved under appropriate government standards such as NIOSH (US) or EN 166(EU).

Catalogue No : B 71205
Product Name : Barium diphenylamine sulphonate

Skin Protection : Handle with gloves. Gloves must be inspected prior to use. Use proper glove removal technique (without touching glove's outer surface) to avoid skin contact with this product. Dispose of contaminated gloves after use in accordance with applicable laws and good laboratory practices. Wash and dry hands. The selected protective gloves have to satisfy the specifications of EU Directive 89/686/EEC and the standard EN 374 derived from it.

Body Protection : Complete suit protecting against chemicals, The type of protective equipment must be selected according to the concentration and amount of the dangerous substance at the specific workplace.

Respiratory Protection : For nuisance exposures use type P95 (US) or type P1 (EU EN 143) particle respirator. For higher level protection use type OV/AG/P99 (US) or type ABEK-P2 (EU EN 143) respirator cartridges. Use respirators and components tested and approved under appropriate government standards such as NIOSH (US) or CEN (EU).

Control of environmental exposure : No data available

9 PHYSICAL AND CHEMICAL PROPERTIES

Appearance : **Form** : Solid
Colour : No data available

Odour : No data available

Odour Threshold : No data available

pH : No data available

Melting Point/Freezing point : No data available

Initial Boiling point and boiling range : No data available

Flash Point : No data available

Evaporation rate : No data available

Flammability (solid, gas) : No data available

Upper/lower flammability or explosive limits : No data available

Vapour Pressure : No data available

Catalogue No	: B 71205
Product Name	: Barium diphenylamine sulphonate

Vapour Density	: No data available
Relative density	: No data available
Water solubility	: No data available
Partition coefficient: noctanol/water	: No data available
Autoignition temperature	: No data available
Viscosity	: No data available
Explosive properties	: No data available
Oxidizing properties	: No data available
Other Safety information	: No data available

10 STABILITY AND REACTIVITY

Reactivity	: No data available
Chemical stability	: No data available
Conditions to be avoided	: No data available
Substance to be avoided	: No data available
Hazardous decomposition products	: Other decomposition products - no data available
Possibility of hazardous reactions	: No data available
Incompatible materials	: Strong oxidizing agents, Strong acids

11 TOXICOLOGICAL INFORMATION

Acute Toxicity : No data available

Further toxicological Information

Carcinogenicity	: IARC: No component of this product present at levels greater than or equal to 0.1% is identified as probable. Possible or confirmed human carcinogen by IARC.
Eye Irritation test (rabbit)	: No data available
Respiratory or skin Sensitization	: No data available
Germ cell mutagenicity	: No data available
After Inhalation	: No data available
After Skin contact	: No data available

Catalogue No	: B 71205
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After swallowing	: No data available
After swallowing of large amounts	: No data available
Further data	: No data available
Reproductive toxicity	: No data available
Specific target organ toxicity-single exposure	: No data available
Specific target organ toxicity-repeated exposure	: No data available
Signs and symptoms of Exposure	: To the best of our knowledge, the chemical, physical, and toxicological properties have not been thoroughly investigated.
Additional Information	: RTECS: Not available

12 ECOLOGICAL INFORMATION

Toxicity	: No data available
Persistence and degradability	: No data available
Bioaccumulative potential	: No data available
Mobility in soil	: No data available
Results of PBT and vPvB assessment	: No data available
Other adverse effects	: No data available

13 DISPOSAL METHOD**Waste treatment methods**

Product	: Offer surplus and non-recyclable solutions to a licensed disposal company. Dissolve or mix the material with a combustible solvent and burn in a chemical incinerator equipped with an afterburner and scrubber.
Contaminated packaging	: Dispose of as unused product.

14 TRANSPORT INFORMATION

UN number	: ADR/RID: - IMDG: - IATA: -
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Catalogue No	: B 71205
Product Name	: Barium diphenylamine sulphonate
UN Proper shipping name	: ADR/RID: Not dangerous goods IMDG: Not dangerous goods IATA: Not dangerous goods
Transport hazard class(es)	: ADR/RID: - IMDG: - IATA: -
Packaging group	: ADR/RID: - IMDG: - IATA: -
Environmental group	: ADR/RID: - no IMDGMarine pollutant: no IATA: -no
Special precaution for user	: No data available

15 REGULATORY INFORMATION

This safety datasheet complies with the requirements of Regulation (EC) No. 1907/2006

Safety, health and environmental regulations/legislation specific for the substance or mixture : No data available

Chemical safety assessment : No data available

16 OTHER INFORMATION

The information contained here in is based on the present state of our knowledge. It characterises the product with regard to the appropriate safety precaution. It does not represent a guarantee of the properties of the product.