



Serving Scientific Community
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TECHNO PHARMCHEM

An ISO 9001 : 2008 Certified Company

Registered Off. : 101-A, Deep Enclave, Pocket "D", Ashok Vihar, Phase-III, Delhi-110 052 (India)
Corporate Off. : 152, Vardhman City Centre, Near Shakti Nagar Underbridge, Delhi-110052 (India)
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ANILINE BLUE SPIRIT SOLUBLE

1. Product Identification

Product Name : Aniline Blue Spirit Soluble for microscopy , C.I.42775
CAS No. : 8004-91-9
Molecular Weight : 737.74
Chemical Formula : $C_{32}H_{25}N_3O_9S_3Na_2$
Product Code : 37002

2. Composition and Information on Ingredients

Aniline Blue Spirit Soluble CAS No: 8004-91-9 Substance

Substance name	Contents	CAS No
Aniline Blue Spirit Soluble	100%	8004-91-9

Contains no other components or impurities which will influence the classification of the product

3. Hazards Identification

Hazard statements

H319 : Causes serious eye irritation.
H315 : Causes skin irritation.
H335 : May cause respiratory irritation.

Precautionary statements

P280 : Wear protective gloves, protective clothing, eye protection, face protection
P271 : Use only outdoors or in a well-ventilated area.
P261 : Avoid breathing dust, fume, gas, mist, vapours, spray.
P264 : Wash thoroughly after handling.
P302 + P352 IF ON SKIN : Wash with plenty of soap and water.
P332 + P313 If skin irritation occurs : Get medical advice.
P305 + P351 + P338 IF IN EYES : Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
P304 + P340 IF INHALED : Remove to fresh air and keep at rest in a position comfortable for breathing.
P363 : Wash contaminated clothing before reuse.
P403 + P233 : Store in well-ventilated place. Keep container tightly closed.
P501 : Dispose of this material and its container to hazardous or special waste collection point, in accordance with local, regional, national and/or international regulation.

Supplemental Hazard Statements : none

4. First Aid Measures

4.1 Description of first aid measures

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

If inhaled: Remove to fresh air and keep at rest in a position comfortable for breathing.

In case of skin contact: Specific treatment (see on this label). Get medical advice.

If skin irritation occurs: Wash with plenty of soap and water. Wash contaminated clothing before reuse.



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In case of eye contact : Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. If eye irritation persists: Get medical advice.

If swallowed : Obtain emergency medical attention. Do NOT induce vomiting. Rinse mouth.

4.2 Most important symptoms and effects, both acute and delayed

Symptoms relating to use: Causes serious eye irritation. Causes skin irritation. May cause respiratory irritation.

4.3 Indication of any immediate medical attention and special treatment needed

Never give anything by mouth to an unconscious person. If you feel unwell, seek medical advice

5. Fire Fighting Measures

5.1 Extinguishing media

Suitable extinguishing media: Foam, Dry powder, Carbon dioxide, Water spray, Sand.

Unsuitable extinguishing media: Do not use a heavy water stream.

Surrounding fires: Use water spray or fog for cooling exposed containers.

5.2 Special hazards arising from the substance or mixture

Under fire conditions, hazardous fumes will be present.

5.3 Advice for firefighters

Protection against fire: Do not enter fire area without proper protective equipment, including respiratory protection.

Special procedures: Exercise caution when fighting any chemical fire. Avoid (reject) fire-fighting water to enter environment.

5.4 Further information : No data available

6. Accidental Release Measures

6.1 Personal precautions, protective equipment and emergency procedures

For emergency responders: Equip cleanup crew with proper protection. Ventilate area.

For non-emergency personnel: Evacuate unnecessary personnel.

6.2 Environmental precautions

Prevent entry to sewers and public waters. Notify authorities if product enters sewers or public waters.

6.3 Methods and materials for containment and cleaning up

On land, sweep or shovel into suitable containers. Minimize generation of dust. Store away from other materials.

6.4 Reference to other sections: See section 8. Exposure controls/personal protection

7. Handling and Storage

7.1 Precautions for safe handling

Handling: Use only outdoors or in a well-ventilated area. Wash thoroughly after handling.

Technical protective measures: Provide good ventilation in process area to prevent formation of vapour

Special precautions: Avoid breathing dust, fume, gas, mist, vapours, spray.

7.2 Conditions for safe storage, including any incompatibilities

Storage: Keep only in the original container in a cool, well ventilated place. Keep container tightly closed.

Storage - away from: Strong bases, Strong acids, Sources of ignition, Direct sunlight.

7.3 Specific end use(s): None



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8. Exposure Controls/Personal Protection

8.1 Control parameters

8.2 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).

Skin protection

Handle with gloves. Gloves must be inspected prior to use. Use proper glove removal technique 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. 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 r (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

Do not let product enter drains.

9. Physical and Chemical Properties

- a) Appearance Form: Reddish-purple to Black powder
- b) Odour : No data available
- c) Odour Threshold: No data available
- d) pH : No data available
- e) Melting point/freezing point : No data available
- f) Initial boiling point and boiling range : No data available
- g) Flash point: No data available
- h) Evaporation rate: No data available
- i) Flammability (solid, gas): No data available
- j) Upper/lower flammability or explosive limits: No data available
- k) Vapour pressure: No data available
- l) Vapour density: No data available
- m) Relative density: No data available
- n) Water solubility: No data available
- o) Partition coefficient (n- octanol/water) : No data available
- p) Auto-ignition temperature: No data available
- q) Decomposition temperature: No data available
- r) Viscosity No data available
- s) Explosive properties No data available
- t) Oxidizing properties No data available



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10. Stability and Reactivity Data

10.1 Reactivity : No data available

10.2 Chemical stability : Stable under recommended storage conditions.

10.3 Possibility of hazardous reactions: No data available

10.4 Conditions to avoid: Direct sunlight, Extremely high or low temperatures.

10.5 Incompatible materials: Strong acids, Strong bases.

10.6 Hazardous decomposition products: Hazardous decomposition products: Fumes,
Carbon monoxide, Carbon dioxide.

11. Toxicological Information

Acute toxicity : No data available

Skin corrosion/irritation : Causes skin irritation.

Serious eye damage/eye irritation: Causes eye irritation.

Respiratory or skin sensitization: May cause respiratory irritation.

Germ cell mutagenicity: No data available

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.

Reproductive toxicity

Specific target organ toxicity - single exposure: No data available

Specific target organ toxicity - repeated exposure : No data available

Aspiration hazard: No data available

Additional Information: No data available

12. Ecological Information

12.1 Toxicity: No data available

12.2 Persistence and degradability: No data available

12.3 Bioaccumulative potential: No data available

12.4 Mobility in soil: No data available

12.5 Results of PBT and vPvB assessment : The substance does not fulfill the criteria to be identified as PBT substance or vPvB substance according to Annex XIII of Regulation REACH

12.6 Other adverse effects: Environmental precautions: Avoid release to the environment.

13. Disposal Considerations

Dispose of container and unused contents in accordance with federal, state and local requirements.

14. Transport Information

Not Regulated

15. Regulatory Information

Safety, health and environmental : Ensure all national/local regulations are observed.
regulations/legislation specific for the substance or mixture

Chemical Safety Assessment : It has not been carried out.

16. Other Information

Product Use

Laboratory Reagent/ Industrial. For professional use only

The information contained herein in good faith but makes no representations as to its comprehensiveness or accuracy. This document is intended only as a guide to the appropriate precautionary handling of the material by a properly trained person using this product. The conditions or methods of handling, storage, use or disposal of the product are beyond our control and may be beyond our knowledge. We do not assume responsibility and expressly disclaim liability for loss, damage or expense arising out of or in any way connected with the handling, storage, use or disposal of the product. Individuals receiving the information must exercise their independent judgment in determining its appropriateness for a particular purpose.