



SAFETY DATA SHEET

Revision Date: 15th September 2017
According to regulation (EC) No. 1907/2006

SECTION 1. IDENTIFICATION OF THE SUBSTANCE/MIXTURE AND OF THE COMPANY UNDERTAKING

1.1 Product Identifier

Product Name 3,5-DiBr-PAESA
Product Code DJ105A
Synonyms 4-(3,5-Dibromo-2-pyridylazo)-N-ethyl-N-(3-sulfopropyl)aniline, monosodium salt, monohydrate
CAS Number 100743-65-5
EC Number No data available
REACH registration No No data available

1.2 Relevant identified uses of the substance or mixture and uses advised against

Relevant identified uses: For research use only
Uses advised against: No data available

1.3 Details of the supplier of the safety data sheet

Company Name Europa Bioproducts Ltd
Address 15-17 North Street, Wicken, Ely, Cambridgeshire, CB7 5XW, UK
Telephone +44 (0) 1353 721118 : (office hours 9:00 to 17:00 mon-Fri)
Fax +44 (0) 1353 624589
Email info@europa-bioproducts.com

1.4 Emergency telephone number

During normal office hours: +44 (0)1353 721118 (9:00-17:00 Monday-Friday)
Outside of office hours +44 (0)1284 811570

In the event of medical emergency, call for an ambulance or emergency medical assistance immediately.

SECTION 2. HAZARDS IDENTIFICATION

2.1 Classification of the substance or mixture

Classification according to Regulation (EC) No 1272/2008 (CLP)

Not a hazardous substance or mixture according to Regulation (EC) No 1272/2008.

Classification according to Directive 67/548/EEC or 1999/45/EC as amended.

Not a hazardous substance or mixture according to EC Directive 67/548/EEC or 1999/45/EC.

2.2 Label Elements

Labelling according to Regulation (EC) No 1272/2008 (CLP)

This substance or mixture does not need to be labelled in accordance with EC directives or respective national laws.

Hazard Pictogram: None

Signal Word: None

Hazard Statements: The substance or mixture does not meet the criteria for classification.

Precautionary Statements: None

2.3 Other Hazards

None known.

SECTION 3. COMPOSITION/INFORMATION ON INGREDIENTS

3.1 Substance

Product Name	Molecular Weight	Concentration	Classification according to Regulation (EC) 1272/2008 (CLP)
3,5-DiBr-PAESA	546.21	≤100%	Non-Hazardous

SECTION 4. FIRST AID MEASURES

4.1 Description of First Aid Measures

Following skin contact

Wash off with plenty of water. Remove contaminated clothing and launder before reuse.

Following eye contact

Immediately flush eyes with plenty of water for at least 15 minutes. Seek medical attention if irritation occurs.

Following ingestion

Do not induce vomiting. Wash out mouth with water. Never give anything by mouth to an unconscious person. Seek medical attention.

Following inhalation

If breathed in, move into fresh air. Seek medical advice if discomfort occurs. If not breathing, give artificial respiration. Call a physician.

Self-protection of the first aider

Please observe all good laboratory practice.

4.2 Most important symptoms and effects, both acute and delayed

No information available.

4.3 Indication of any immediate medical attention and special treatment needed

No information available.

SECTION 5. FIREFIGHTING MEASURES

5.1 Extinguishing media

5.1.1 Suitable: Use extinguishing media appropriate to the surrounding fire.

5.1.2 Unsuitable: No data available.

5.2 Special Hazards arising from the substance or mixture

May produce toxic fumes on combustion

5.3 Advice for fire fighters

Wear self-contained breathing apparatus and full protective clothing if necessary.

SECTION 6. ACCIDENTAL RELEASE MEASURES

6.1 Personal precautions, protective equipment and emergency procedure.

Evacuate personnel to safe areas. Ensure adequate ventilation. Use personal protective equipment. Avoid formation of dust. Avoid breathing dust, vapours, mist or gas. Avoid contact with skin and clothing.

6.2 Environmental precautions

Prevent further leakage. Prevent contamination of drains with product.

6.3 Methods and materials for cleaning up

Pick up and collect product in suitable container for disposal.

6.4 Reference to other sections

See section 8 for information on safe handling.
See section 13 for disposal information.

SECTION 7. HANDLING AND STORAGE

7.1 Precautions for safe handling

Avoid contact with skin and eyes. Avoid formation of dust. Avoid breathing dust, vapours, mist or gas. Wear appropriate protective personal equipment. Use only with adequate ventilation.

7.2 Conditions for safe storage, including any incompatibilities

Keep tightly closed. Store in a cool, dark and dry place.

7.3 Specific end use(s):

No data available.

SECTION 8. EXPOSURE CONTROLS/PERSONAL PROTECTION

8.1 Control parameters

Contains no substance with occupational exposure limit values.

8.2 Exposure controls

Engineering measures

Ensure adequate ventilation, especially in confined areas.

Personal protective equipment

Respiratory protection:

Wear suitable respiratory equipment in case of inadequate ventilation.

Protection of hands:

Wear protective gloves conforming to EU Directive 89/686/EEC and European Standard EN374.

Gloves must be inspected prior to use. Avoid skin contact with product when removing gloves. Dispose of contaminated gloves safely after use.

Eye protection:

Wear safety glasses with side-shields conforming to European Standard EN166.

Skin and Body protection:

Wear laboratory coat or impervious clothing. Choose appropriate body protection according to the amount and concentration of the substance at the work place.

General protective and hygienic measures

Keep away from foodstuffs, beverages and feed.

Immediately remove all soiled and contaminated clothing.

Wash hands before breaks and at the end of work.

Do not eat or drink whilst working.

SECTION 9. PHYSICAL AND CHEMICAL PROPERTIES

9.1 Information on basic physical and chemical properties

a) Appearance	Dark reddish brown or blackish purple brown powder
b) Odour	Odourless
c) Odour Threshold	No data available
d) pH	No data available
e) Melting point/freezing point	No data available
f) Initial boiling point /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 explosion limits	No data available
k) Vapour pressure	No data available
l) Vapour density	No data available
M Relative density	No data available
n) Solubility(ies)	Solubility in water (33mg/50ml)

o) Partition coefficient	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

9.2 Other Information

No further relevant information available.

SECTION 10. STABILITY AND REACTIVITY

10.1 Reactivity

Stable

10.2 Chemical Stability

Stable at a cool, dark and dry place

10.3 Possibility of hazardous reactions

No data available

10.4 Conditions to avoid

Heat, sunlight, high temperature

10.5 Incompatible Materials

Strong oxidising agents, strong acids and bases

10.6 Hazardous decomposition products

When decomposed, it may emit toxic fumes of carbon monoxide, carbon dioxide, nitrogen oxides and sulfur oxides

SECTION 11. TOXICOLOGICAL INFORMATION

11.1 Information on toxicological effects

Acute Toxicity

No data available

Skin corrosion/irritation

No data available

Serious eye damage/irritation

No data available

Respiratory or skin sensitisation

No data available

Germ cell mutagenicity

No data available

Carcinogenicity

No component of this product present at levels greater than or equal to 0.1% is identified as a possible, probable or confirmed human carcinogen by IARC.

Reproductive toxicity

No data available

STOT-single exposure

No data available

STOT-repeated exposure

No data available

Aspiration hazard

No data available

Potential Health Effects:

Ingestion: May be harmful if swallowed

Inhalation: May be harmful if inhaled. Causes respiratory tract irritation.

Skin: May be harmful if absorbed through skin. Causes skin irritation.
Eyes: Causes serious eye irritation.

SECTION 12. ECOLOGICAL INFORMATION

12.1 Toxicity:

No data available

12.2 Persistence and degradability:

No data available

12.3 Bio-Accumulative potential:

No data available

12.4 Mobility in soil:

No data available

12.5 Results of PBT and vPvB assessment:

No data available

12.6 Other adverse effects:

No data available

SECTION 13. DISPOSAL CONSIDERATIONS

13.1 Waste Treatment methods

Product:

Disposal should be in accordance with applicable region, national and local laws and regulations. Refer to Section 7: Handling and Storage and Section 8: Exposure Control/Personal protection for additional handling information and protection of employees.

Uncleaned packaging:

Dispose of as unused product. Do not reuse empty containers.

SECTION 14. TRANSPORT INFORMATION

	Land transport (ADR)	Inland waterway (ADN)	Sea (IMDG)	Air (ICAO-TI/IATA-DGR)
14.1 Un No.	Non regulated	Non regulated	Non regulated	Non regulated
14.2 UN Proper shipping name	Non regulated	Non regulated	Non regulated	Non regulated
14.3 Transport hazard class(s)	Non regulated	Non regulated	Non regulated	Non regulated
Hazard labels	Non regulated	Non regulated	Non regulated	Non regulated
14.4 Packing Group	Non regulated	Non regulated	Non regulated	Non regulated

14.5 Environmental Hazards

Not applicable

14.6 Special precautions for user

Not applicable

14.7 Transport in bulk according to Annex II of MARPOL 73/78 and the IBC code

Not applicable

SECTION 15. REGULATORY INFORMATION

15.1 Safety, health and environmental regulations /legislation specific for the substance or mixture

Directive 2012/18/EU of the European Parliament and of the Council of 4th July 2012 on the control of major-accident hazards involving dangerous substances.

Regulation (EC) No 1907/2006 of European Parliament and of the Council of 18th December 2006 concerning the Registration, Evaluation, Authorisation and restriction of Chemicals (REACH).

Regulation (EC) No 1272/2008 of the European Parliament and of the Council of 16th December 2008 on classification, labelling and packaging of substances and mixtures.

15.2 Chemical Safety Assessment:

No information available.

SECTION 16. OTHER INFORMATION

The information provided in this data sheet is correct to the best of our knowledge at the date of publication. It is intended to provide guidance in the safe handling, use, storage, transportation and disposal of the material. The information does not constitute the user's own assessment of workplace risk as required by UK legislation currently in force. Only competent persons within a suitably controlled environment should handle chemicals.

Europa Bioproducts Ltd. cannot accept liability for any loss or damage relating to the use of this information.

16.1 Indication of change

Version Number , Revision Date: 15th September 2017

Reason for revision: To incorporate manufacturers updated information according to regulation (EC) No. 1907/2006.

Department issuing sds:

Europa Bioproducts, QC Department.

16.2 Abbreviations and acronyms

RID: Règlement international concernant le transport des marchandises par chemin de fer (Regulations Concerning the International transport of Dangerous Goods by Rail)

ICAO: International Civil Aviation Organisation

ADR: Accord européen sur le transport des marchandises dangereuses par Route (European Agreement concerning the International Carriage of Dangerous Goods by Road)

IMDG: International Maritime Code for dangerous Goods

IATA: International Air Transport Association

GHS: Globally Harmonised System of Classification and Labelling of Chemicals

CAS: Chemical Abstracts Service (division of the American Chemical Society)

VbF: Verordnung über brennbare Flüssigkeiten, Österreich (Ordinance on the storage of combustible liquids, Austria)

PBT: Persistent, Bioaccumulative and Toxic

vPvB: very Persistent and very Bioaccumulative