



SAFETY DATA SHEET

According to regulation (EC) No. 1907/2006
Version 5 revision Date 19th June 2014

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

1.1: Product Identifier:

Product Name: 5 Br-PAPS
Catalogue Number: DJ140A
Synonyms: 2-(5-Bromo-2-pyridylazo)-5-[N-n-propyl-N-(3-sulfopropyl)amino]phenol, disodium salt, dihydrate
CAS Number: 91599-24-5
REACH Registration: Not applicable

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

Identified Use Laboratory reagent

1.3 Details of the supplier of the safety data sheet

Company Name Europa Bioproducts Ltd.
Address 15-17 North Street, Wicken, Cambridgeshire, CB7 5XW, United Kingdom
Telephone +44 (0)1353 721118
Fax +44 (0)1353 624589
Email info@europa-bioproducts.com

1.4 Emergency telephone number

Office hours: +44 (0)1353 721118 (09:00 - 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.

2. HAZARDS IDENTIFICATION

2.1 Classification of the substance or mixture

The product does not contain any substances above any Specific or Generic Concentration Limits according to EC directives or respective national laws. Not a hazardous substance or mixture according to Regulation (EC) No 1272/2008. Not a hazardous substance or mixture according to EC Directive 67/548/EEC or 1999/45/EC.

2.2 Label elements

The product does not need to be labelled in accordance with EC directives or respective national laws.

Signal Word:

None

Hazard Class:

None

Hazard Statement:

None assigned

Precautionary Statements:

P261 Avoid breathing dust

P262 Do not get in eyes, on skin, or on clothing.

2.3 Other hazards

None

CHIP

Classification:

Not classified as hazardous

Risk Phrases:

None assigned

Safety Phrases:

S22 Do not breath dust

S24/25 Avoid contact with skin and eyes

3. COMPOSITION / INFORMATION ON INGREDIENTS

3.2 Substance

No components need to be disclosed according to the applicable regulations

Component:	CAS Number	EC Number	Molecular Weight.	Hazard Classification
5 Br-PAPS	91599-24-5		537.34	Not Classified

4. FIRST AID MEASURES

4.1 Description of first aid measures

Ingestion	Do not induce vomiting. Wash out mouth with water provided that the casualty is conscious. Seek medical attention.
Inhalation:	Remove from exposure. Keep warm and at rest. Treat symptomatically. Seek medical advice if discomfort occurs.
Skin:	Wash the affected area thoroughly with water. Remove contaminated clothing and launder before reuse.
Eyes:	Flush eyes with copious amounts of water for at least 15 minutes, lifting upper and lower lids. Seek medical attention if irritation occurs.

4.2 Most important symptoms and effects, both acute and delayed

No information is available. To the best of our knowledge, the chemical, physical, and toxicological properties of the product have not been thoroughly investigated

4.3 Indication of any immediate medical attention and special treatment needed

No information available

5. FIRE-FIGHTING MEASURES

5.1 Extinguishing media

Use any media appropriate for the surrounding fire

5.2 Special hazards arising from the substance or mixture

May emit toxic fumes under fire conditions

5.3 Advice for firefighters

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

5.4 Further information

No data available

6. ACCIDENTAL RELEASE MEASURES

6.1 Personal precautions, protective equipment and emergency procedures

Wear personal protective equipment as appropriate for the scale of the spill and potential for exposure. Do not breath dust. Avoid contact with skin and eyes.

6.2 Environmental precautions

Prevent contamination of drains, sewers, watercourses and ponds.

6.3 Methods and materials for containment and cleaning up

Small amounts of material should be wiped up with inert absorbent material. Place in a suitable container and store-pending disposal. Ventilate the area and wash the spill site with

water once all material has been cleaned up. Do not use a high-pressure water jet.

6.4 Reference to other sections

Refer to Section 8 for information regarding Personal Protective Equipment.

Refer to Section 13 for information regarding disposal.

7. HANDLING AND STORAGE

7.1 Precautions for safe handling

Prevent contact with skin and eyes. Do not breath dust. Do not eat, drink or smoke in the working area. Work in an extracted enclosure wearing protective clothing as required. Wash hands and exposed skin thoroughly after handling this material.

7.2 Conditions for safe storage, including any incompatibilities

Store in the original, tightly closed container. To avoid deterioration of the product store at 0-5°C unless otherwise indicated.

7.3 Specific end uses

No information available

8. EXPOSURE CONTROLS / PERSONAL PROTECTION

8.1 Control parameters

Workplace Exposure Limits (United Kingdom): none relevant.

8.2 Exposure controls

Appropriate engineering controls

Work in an extracted enclosure.

8.3 Personal protective equipment

Eye/face protection

Wear safety glasses conforming to European Standard EN166.

Skin protection

Wear protective gloves conforming to European Standard EN374. Gloves must be inspected prior to use. Use proper glove removal technique (without touching glove's outer surface) to avoid skin contact with the product. Dispose of contaminated gloves safely after use. Wash and dry hands.

Body protection

Wear laboratory coat or overall.

Respiratory protection

Respiratory protection is unlikely to be required.

General

The potential for, and extent of exposure should be taken into account when determining the appropriate PPE to wear.

9. PHYSICAL AND CHEMICAL PROPERTIES

9.1 Information on basic physical and chemical properties

a)	Appearance:	Orange or reddish brown 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	No data available
(k)	Vapour pressure:	No data available
(j)	Upper / lower flammability or explosive limits:	No data available
(l)	Vapour density:	No data available
(m)	Relative density:	No data available
(n)	Solubility:	Soluble in water
(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:	Most organic solids have the potential to cause dust explosion.
(t)	Oxidizing properties:	No data available

9.2 Other information

No other information is available.

10. STABILITY AND REACTIVITY

10.1 Reactivity

10.2 Chemical stability

Stable at normal temperatures and pressures

10.3 Possibility of hazardous reactions

No data available

10.4 Conditions to avoid

Light, moisture, high temperatures

10.5 Incompatible materials

Strong oxidizing agents, strong acids and bases.

10.6 Hazardous decomposition products

May be formed

11. TOXICOLOGICAL INFORMATION

11.1 Information on toxicological effects

a)	Acute toxicity:	No data available
b)	Skin corrosion / irritation:	No data available

c) Serious eye damage / eye irritation:	No data available
d) Respiratory or skin sensitization:	No data available
e) Germ cell mutagenicity:	No data available
f) 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.
g) Reproductive toxicity:	No data available
h) Specific target organ toxicity - single exposure:	No data available
I) Specific target organ toxicity - repeated exposure:	No data available
j) Aspiration hazard	No data available

Potential health effects

Ingestion:

May be harmful

Inhalation:

May be harmful

Skin:

Prolonged contact may cause irritation.

Eyes:

May cause irritation.

Signs and Symptoms of Exposure

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

Additional Information

RTECS: not 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

No data available

12.6 Other adverse effects

No data available

13. DISPOSAL CONSIDERATIONS**13.1 Waste treatment methods****Product**

Contact a licensed professional waste disposal service to dispose of this material.

Contaminated packaging

Dispose of as unused product.

14. TRANSPORT INFORMATION**14.1 UN Number**

Not dangerous for Transporting -

14.2 UN proper shipping name

ADR/RID: Not dangerous goods
 IMDG: Not dangerous goods
 IATA: Not dangerous goods

14.5 Environmental hazards

ADR/RID: No, IMDG Marine pollutant: No, IATA: No,

14.6 Special precautions for user

No data available

14.7 Transport in bulk according to Annex II of MARPOL73/78 and the IBC Code

Not applicable

15. REGULATORY INFORMATION

This safety data sheet complies with the requirements of Regulation (EC) No. 1907/2006 [REACH], as amended by Commission Regulation (EU) No 453/2010.

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

Not applicable

15.2 Chemical Safety Assessment

Not applicable

16. OTHER INFORMATION

Key to abbreviations and acronyms

ADR: Accord Européen sur le transport des marchandises Dangereuses par Route (European Agreement concerning the International Carriage of Dangerous Goods by road)
 CAS: Chemical Abstracts Service
 IARC: International Agency for Research on Cancer
 IATA: International Air Transport Association
 IMDG: International Maritime Code for Dangerous Goods
 REACH: Registration, Evaluation, Authorisation and restriction of Chemicals
 RID: Règlement International concernant le transport des marchandises Dangereuses par chemin de fer (Regulations concerning the International transport of Dangerous Goods by Rail)

Disclaimer

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.

Safety Data Sheet prepared by

Europa Bioproducts Ltd

Reason for issue / revision of Safety Data Sheet to CLP format