

Product composition and safety sheet

1. Product identification

Supplier Name:	Polyco Healthline Ltd.
Supplier Address:	South Fen Road, Bourne, Lincolnshire, PE10 0DN, UK.
Product Brand:	Shield
Product Description:	Heavy Duty Probe Wipes
Product Code:	PBW
Contact Details:	+44 (0) 33 3320 8550

2. Hazard identification

Regulation (EC) No
1272/2008 (CLP): Not Applicable.

Directive 67/548/EEC &
Directive 1999/45/EC: Not Applicable.

Label Elements: Not Applicable.

Other hazards: Not classified as PBT or vPvB.

3. Composition

Chemical Name	CAS Number	EINECS	CLP Classification	Percent
N'-(3-aminopropyl)-N'- dodecylpropane-1,3diamine	2372-82-9	-	Acute Tox. 3:H301 Skin Corr. 1A:H314 STOT RE. 2:H373 Aquatic Acute. 1:H400 Aquatic Chronic. 1:H410	5-10%
1,2-benzisothiazol-3(2H)- one;1,2-benzisothiazolin- 3-one	2634-33-5	-	Aquatic Acute. 1:H400	<1%

4. First aid measures

General Information: In the case of accident: Contact a doctor or casualty department – take the label or this safety data sheet. Contact a doctor if in doubt about the injured person's condition or if the symptoms persist. Never give an unconscious person water or other drink.

Skin contact: Upon irritation: rinse with water. In the event of continued irritation, seek medical assistance.

Eye contact: Upon irritation of the eye: Remove contact lenses. Flush eyes with plenty of water or salt water (20-30°C) and continue until irritation stops.

Ingestion: Provide plenty of water for the person to drink and stay with them. In case of malaise, seek medical advice immediately and bring the safety data sheet or label from the product. Do not induce vomiting, unless recommended by the doctor. Have the victim lean forward with head down to avoid inhalation of- or choking on vomited material.

Inhalation: Upon breathing difficulties or irritation of the respiratory tract: Bring the person into fresh air and stay with them.

Delayed / immediate effects: Serious hazards are not expected. May cause skin irritation.

5. Fire-fighting measures

Extinguishing media: Suitable extinguishing media for the surrounding fire should be used. Use water spray to cool the containers.

Special hazards arising from the substance or mixture: Fire will result in dense smoke. Exposure to combustion products may harm your health. Closed containers, which are exposed to fire, should be cooled with water. Do not allow fire-extinguishing water to enter the sewage system and nearby surface waters. If the product is exposed to high temperatures, e.g. in the event of fire, dangerous decomposition compounds are produced. These are:

Nitrogen oxides (NO_x)
Carbon oxides (CO / CO₂).

Advice for fire-fighters: Fire fighters should wear appropriate personal protective equipment.

6. Accidental release measures

Personal precautions, protective equipment and emergency procedures: No specific requirements.

Environmental precautions: Avoid discharge to lakes, streams, sewers, etc. In the event of leakage to the surroundings, contact local environmental authorities.

Clean-up procedures: Use sand, earth, vermiculite, diatomaceous earth to contain and collect non-combustible absorbent materials and place in container for disposal, according to local regulations. To the extent possible cleaning is performed with normal cleaning agents. Avoid use of solvents.

7. Handling and storage

Precautions for safe handling: Smoking, drinking and consumption of food is not allowed in the work area. See section 8 "Exposure controls/personal protection" for information on personal protection.

Storage conditions: Always store in containers of the same material as the original container. Store in dry, cool and well ventilated.

Incompatible materials: Strong acids, strong bases, strong oxidizing agents, and strong reducing agents.

Specific end use(s): This product should only be used for applications quoted in section 1.2.

8. Exposure controls / personal protection

No substances are listed in the national list of substances with an occupational exposure limit.

DNEL

1,2-benzisothiazol-3(2H)-one;1,2-benzisothiazolin-3-one		
Duration	Route of exposure	DNEL
Long term – Systemic effects - General population	Dermal	345 µg/kgbw/day
Long term – Systemic effects - Workers	Dermal	966 µg/kgbw/day
Long term – Systemic effects - General population	Inhalation	1.2 mg/m ³
Long term – Systemic effects - Workers	Inhalation	6.81 mg/m ³

N-(3-aminopropyl)-N-dodecylpropane-1,3-diamine		
Duration	Route of exposure	DNEL
Long term – Systemic effects - General population	Dermal	3.2 mg/kg bw/day
Long term – Systemic effects - Workers	Dermal	8.96 mg/kg bw/day
Long term – Systemic effects - General population	Inhalation	118 µg/m ³
Long term – Systemic effects - Workers	Inhalation	789 µg/m ³
Long term – Systemic effects - General population	Oral	40 µg/kgbw/day

PNEC

1,2-benzisothiazol-3(2H)-one;1,2-benzisothiazolin-3-one		
Route of exposure	Duration of Exposure	PNEC
Freshwater	N/A	4.03 µg/L
Freshwater sediment	N/A	49.9 µg/kg

Intermittent release (freshwater)	N/A	1.1 µg/L
Intermittent release (marine water)	N/A	110 ng/L
Marine water	N/A	403 ng/L
Marine water sediment	N/A	4.99 µg/kg
Sewage treatment plant	N/A	1.03 mg/L
Soil	N/A	3 mg/kg

N-(3-aminopropyl)-N-dodecylpropane-1,3-diamine		
Route of exposure	Duration of Exposure	PNEC
Freshwater	N/A	1 µg/L
Freshwater sediment	N/A	3.2 mg/kg
Intermittent release (freshwater)	N/A	150 ng/L
Marine water	N/A	100 ng/L
Marine water sediment	N/A	130 µg/kg
Sewage treatment plant	N/A	180 µg/L
Soil	N/A	45.34 mg/kg

- Exposure controls: Control is unnecessary if the product is used as intended.
- General recommendations: Smoking, drinking and consumption of food is not allowed in the work area.
- Exposure scenarios: There are no exposure scenarios implemented for this product.
- Exposure limits: Occupational exposure limits have not been defined for the substances in this product.
- Appropriate technical Measures: Apply standard precautions during use of the product. Avoid inhalation of vapours.
- Hygiene measures: Wash hands after use.
- Measures to avoid environmental exposure: No specific requirements.
- Respiratory Equipment: No specific requirements.
- Skin protection: No specific requirements.
- Hand protection: No specific requirements.
- Eye protection: No specific requirements.

9. Physical and chemical properties

- Physical state: Wipes
- Colour: Blue
- Odour / Odour threshold: Characteristic
- Ph: Testing not relevant or not possible due to nature of the product.
- Density (g/cm³): Testing not relevant or not possible due to nature of the product.

Kinematic viscosity:	Testing not relevant or not possible due to nature of the product.
Particle characteristics:	Does not apply to liquids.
Melting point/Freezing point (°C):	Testing not relevant or not possible due to nature of the product.
Softening point/range (waxes and pastes) (°C):	Does not apply to liquids.
Boiling point (°C):	Testing not relevant or not possible due to nature of the product.
Vapour pressure:	Testing not relevant or not possible due to nature of the product.
Relative vapour density:	Testing not relevant or not possible due to nature of the product.
Decomposition temperature (°C):	Testing not relevant or not possible due to nature of the product.
Data on fire and explosion hazards Flash point (°C):	Testing not relevant or not possible due to nature of the product.
Ignition (°C):	Testing not relevant or not possible due to nature of the product.
Auto flammability (°C):	Testing not relevant or not possible due to nature of the product.
Lower and upper explosion limit (% v/v):	Testing not relevant or not possible due to nature of the product.
Solubility in water:	Testing not relevant or not possible due to nature of the product.
n-octanol/water coefficient:	Testing not relevant or not possible due to nature of the product.
Solubility in fat (g/L):	Testing not relevant or not possible due to nature of the product.

10. Stability and reactivity

Reactivity:	No data available.
Chemical stability:	The product is stable under the conditions, noted in section 7 "Handling and storage".
Hazardous reactions:	None expected.
Conditions to avoid:	None known.
Materials to avoid:	Strong acids, strong bases, strong oxidizing agents, and strong reducing agents.
Hazardous decomposition products:	The product is not degraded when used as specified in section 1.

11. Toxicological information

This product has not been tested.

Acute Toxicity:	Based on available data, the classification criteria are not met.
Skin Corrosion / irritation:	Based on available data, the classification criteria are not met.
Serious eye damage / Irritation:	Based on available data, the classification criteria are not met.
Respiratory / skin sensitization:	Based on available data, the classification criteria are not met.
Germ cell mutagenicity:	Based on available data, the classification criteria are not met.
Carcinogenicity:	Based on available data, the classification criteria are not met.
Reproductive toxicity:	Based on available data, the classification criteria are not met.
STOT- Single exposure:	Based on available data, the classification criteria are not met.
STOT – Repeated exposure:	Based on available data, the classification criteria are not met.
Aspiration hazard:	Based on available data, the classification criteria are not met.

12. Ecological information

Toxicity:	No data available.
Persistence and degradability:	No data available.
Bioaccumulative potential:	No data available.
Mobility in soil:	No data available.
PBT identification:	This mixture/product does not contain any substances considered to meet the criteria classifying them as PBT and/or vPvB.
Other adverse effects:	This product contains substances that are toxic to the environment. May result in adverse effects to aquatic organisms. This product contains substances, which may cause adverse long-term effects to the aquatic environment

13. Disposal considerations

Waste treatment methods:	Product is covered by the regulations on hazardous waste. HP 6 - Acute toxicity. HP 8 – Corrosive Regulation (EU) No 1357/2014 of 18 December 2014 on waste as retained and amended in UK law.
EWC Code:	20 - Municipal wastes (household waste and similar commercial, industrial and institutional wastes) including separately collected fractions.
Specific labelling:	Not applicable.
Contaminated packaging:	Packaging containing residues of the product must be disposed of similarly to the product.

14. Transport information

This product does not require classification for transport.

15. Chemical safety assessment

Safety, health and environmental regulations / Legislation specific for the substances or mixture: No special.

Chemical safety assessment: A chemical safety assessment has not been carried out for this product.

16. Other information

Phrases used: H301, Toxic if swallowed.
H314, Causes severe skin burns and eye damage.
H373, May cause damage to organs through prolonged or repeated exposure. H400, Very toxic to aquatic life.
H410, Very toxic to aquatic life with long lasting effects.

Abbreviations used in this COM:

ADN = European Provisions concerning the International Carriage of Dangerous Goods by Inland Waterway
ADR = The European Agreement concerning the International Carriage of Dangerous Goods by Road
ATE = Acute Toxicity Estimate
BCF = Bioconcentration Factor CAS = Chemical Abstracts Service
CE = Conformité Européenne
CLP = Classification, Labelling and Packaging Regulation [Regulation (EC) No. 1272/2008]
CSA = Chemical Safety Assessment

CSR = Chemical Safety Report
DMEL = Derived Minimal Effect Level
DNEL = Derived No Effect Level
EINECS = European Inventory of Existing Commercial chemical Substances
ES = Exposure Scenario
EUH statement = CLP-specific Hazard statement
EWC = European Waste Catalogue
GHS = Globally Harmonized System of Classification and Labelling of Chemicals
IARC = International Agency for Research on Cancer (IARC)
IATA = International Air Transport Association
IBC = Intermediate Bulk Container
IMDG = International Maritime Dangerous Goods
LogPow = logarithm of the octanol/water partition coefficient
MARPOL = International Convention for the Prevention of Pollution From Ships, 1973 as modified by the Protocol of 1978. ("Marpol" = marine pollution)
OECD = Organisation for Economic Co-operation and Development
PBT = Persistent, Bioaccumulative and Toxic
PNEC = Predicted No Effect Concentration
RID = The Regulations concerning the International Carriage of Dangerous Goods by Rail
RRN = REACH Registration Number
SCL = A specific concentration limit
SVHC = Substances of Very High Concern
STOT-RE = Specific Target Organ Toxicity - Repeated Exposure
STOT-SE = Specific Target Organ Toxicity - Single Exposure
TWA = Time weighted average
UN = United Nations
UVBC = Unknown or variable composition, complex reaction products or of biological materials
VOC = Volatile Organic Compound
vPvB = Very Persistent and Very Bioaccumulative

The data contained in this data sheet is based on Polyco Healthline Ltd.'s present knowledge of the health and safety properties of the product and has been reproduced from the supplier's data; it is believed to be accurate and is given in good faith.

The physical and chemical properties are typical values only and do not constitute the full specification of the product, which will be agreed separately.

Although the information and recommendations in this data sheet are to the best of Polyco Healthline Ltd.'s knowledge correct, it is recommended that the customer makes their own determination of the material's suitability for purpose, before it is used.

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