ooo philip harris



	1. IDENTIFICA	1. IDENTIFICATION OF THE SUBSTANCE/MIXTURE AND OF THE COMPANY/UNDERTAKING						
	1.1 Product id	.1 Product identifiers						
	Product name:	Buffer solution pH 10 BLUE						
	CAS-No.:	-						
	Product Numbe	er: B59694						
	1.2 Relevant i	dentified uses of the substance or mixture and uses advised against						
	Identified uses:	: Laboratory chemicals, Manufacture of substances						
	1.3 Details of the supplier of the safety data sheet							
	Company :	Philip Harris Ltd., 2 Gregory Street, Hyde, Cheshire, SK14 4HR,						
		UNITED KINGDOM						
	Telephone:	+44 (0)845 1200 506 Fax: +44 (0)161 367 2140						
	Email:	enquiries@philipharris.co.uk						
	1.4 Emergency telephone number							
Emergency Phone #:		one #: +44 (0)845 1200 506						

2. HAZARDS IDENTIFICATION

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

This substance is not classified as dangerous according to Directive 67/548/EEC.

3. COMPOSITION/INFORMATION ON INGREDIENTS

No components need to be disclosed according to the applicable regulations.

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

In case of skin contact: Wash off with soap and plenty of water.

In case of eye contact: Flush eyes with water as a precaution.

If swallowed: Never give anything by mouth to an unconscious person. Rinse mouth with water.

4.2 Most important symptoms and effects, both acute and delayed: no data available

4.3 Indication of immediate medical attention and special treatment needed: no data available

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5. FIRE-FIGHTING MEASURES

5.1 Extinguishing media

Suitable extinguishing media: Use extinguishing measures that are appropriate to local circumstances and the surrounding environment.

5.2 Special hazards arising from the substance or mixture: Phosphorous oxides, Potassium oxides

5.3 *Precautions for fire-fighters:* Wear self contained breathing apparatus for fire fighting if necessary.

5.4 *Further information:* The product itself does not burn.

6. ACCIDENTAL RELEASE MEASURES

6.1 *Personal precautions, protective equipment and emergency procedures:* Use personal protective equipment. Avoid breathing vapors, mist or gas. Ensure adequate ventilation.

6.2 Environmental precautions: Do not let product enter drains.

6.3 *Methods and materials for containment and cleaning up:* Soak up with inert absorbent material and dispose of as hazardous waste. Keep in suitable, closed containers for disposal.

6.4 Reference to other sections: For disposal see section 13.

7. HANDLING AND STORAGE

7.1 *Precautions for safe handling:* Provide appropriate exhaust ventilation at places where dust is formed. Normal measures for preventive fire protection.

7.2 Conditions for safe storage, including any incompatibilities: Store in cool place. Keep container tightly closed in a dry and well-ventilated place.

7.3 Specific end uses: no data available.

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

8.1 Control parameters: Contains no substances with occupational exposure limit values.

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: 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 (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: Choose body protection in relation to its type, to the concentration and amount of dangerous substances, and to the specific work-place., The type of protective equipment must be

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selected according to the concentration and amount of the dangerous substance at the specific workplace.

Respiratory protection: Respiratory protection is not required. Where protection from nuisance levels of dusts are desired, use type N95 (US) or type P1 (EN 143) dust masks. Use respirators and components tested and approved under appropriate government standards such as NIOSH (US) or CEN (EU).

9. PHYSICAL AND CHEMICAL PROPERTIES

9.1 Information on basic physical and chemical properties							
a) Appearance:	Form: L	iquid	Colour: no data available				
b) Odour:	n	o data avail	lable				
c) Odour Threshold:	n	o data avail	lable				
d) pH:	n	o data avail	lable				
e) Melting/freezing poin	t: N	lelting point	t/range: no data available				
f) Initial boiling point and	d boiling ra	ange: no d	ata available				
g) Flash point:	n	o data avail	lable				
h) Evaporation rate:	n	o data avail	lable				
i) Flammability (solid, ga	as): n	o data avail	lable				
j) Upper/lower flammabi	j) Upper/lower flammability or explosive limits: no data available						
k) Vapour pressure:	n	o data avail	lable				
I) Vapour density:	n	o data avail	lable				
m) Relative density:	1	.00 g/mL at	20 °C1.0 g/mL at 20 °C				
n) Water solubility:	n	o data avail	lable				
o) Partition coefficient: n-octanol/water: no data available							
p) Autoignition temperature: no data available							
q) Decomposition tempe	erature: n	o data avail	lable				
r) Viscosity:	n	o data avail	lable				
s) Explosive properties:	n	o data avail	lable				
t) Oxidizing properties:	n	o data avail	lable				
9.2 Other safety information: no data available							

10. STABILITY AND REACTIVITY

10.1 Reactivity: no data available

- 10.2 Chemical stability: no data available
- 10.3 Possibility of hazardous reactions: no data available
- 10.4 Conditions to avoid: no data available
- 10.5 Incompatible materials: Strong oxidizing agents
- 10.6 Hazardous decomposition products: Other decomposition products no data available

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11. TOXICOLOGICAL INFORMATION 11.1 Information on toxicological effects Acute toxicity: no data available Skin corrosion/irritation: no data available Serious eye damage/eye irritation: no data available Respiratory or skin sensitization: no data available 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: no data available Specific target organ toxicity - single exposure: no data available Specific target organ toxicity - repeated exposure: no data available Aspiration hazard: no data available

Potential health effects

Inhalation	May be harmful if inhaled. May cause respiratory tract irritation.		
Ingestion	May be harmful if swallowed.		
Skin	May be harmful if absorbed through skin. May cause skin irritation.		
Eyes	May cause eye irritation.		

Signs and Symptoms of Exposure: no data available

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: Offer surplus and non-recyclable solutions to a licensed disposal company.

Contaminated packaging: Dispose of as unused product.

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14. TRANSPORT INFORMATION											
14.1 UN-Number											
ADR/RID:	-	IMDG:	-	IATA:	-						
14.2 UN proper shipping name											
ADR/RID: Not dangerous goods											
IMDG: Not dangerous goods											
IATA: Not dangerous goods			goods								
14.3 Transport hazard class(es)											
ADR/RID:	-	IMDG:	-	IATA:	-						
14.4 Packaging group											
ADR/RID:	-	IMDG:	-	IATA:	-						
14.5 Environmental hazards											
ADR/RID:	no	IMDG Marine p	ollutant: no	IATA: no							
14.6 Special precautions for users											
no data available											

15. REGULATORY INFORMATION

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

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

15.2 Chemical Safety Assessment: no data available

16. OTHER INFORMATION

no data available