

SAFETY DATA SHEET

LITHOTECH



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PLT Buffer Fount

Chemical product and company identification

Common name : **PLT Buffer Fount**

Supplier : LithoTech International P/L
114 Lang Rd
Moore Park
NSW 2021
Australia

PO Box 535
Randwick
NSW 2031
Australia
Tel: +61 2 93606970
Fax: +61 2 9806203
E-Mail: enquiry@lti.com.au
Web: www.lti.com.au

Chemical name : Mixture

Trade name : PLT Buffer Fount

Material uses : *Industrial applications: Fortifies 2in1
Fountain Solution when required.*

Manufacturer : BM MANAGEMENT JOHANNESBURG
(PTY) LTD
Unit 12
10 Covora Street,
Jet Park
Johannesburg
Johannesburg
Gauteng
South Africa 1600
SOUTH AFRICA
Tel: +27-11-397-8789
Fax: +27-11-397-4282
Email: bmm@mweb.co.za

Emergency Numbers:	South Africa	+27-83-633-7632 Carol Moore
	Australia	131126 +61 419 536761 Dr. Tim Roberts
	New Zealand	0800-764766

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

1.1. Product identifier

Product name: PLT Buffer Fount

1.2. Relevant identified uses of the substance or mixture and uses:

- Auxiliary Printing For Industrial and Professional use

1.3. Details of the supplier of the safety data sheet

- Registered company name: BM Management Johannesburg (Pty) Ltd
- Address: Unit 12, 10 Covora Street, Jet Park, Johannesburg
- Telephone: +27-11 - 3978789
- Email : dale@bmmprint.com
- www.bmmprint.com

1.4. Emergency telephone number : +27-83- 6337632

- Carol E Moore

SECTION 2: HAZARDS IDENTIFICATION

Classification of the substance or mixture

In compliance with EC regulation No. 1272/2008 and its amendments.

- H317: May cause an Allergic Skin Reaction
- H319: Causes Serious Eye irritation
- No Other Health Hazards

2.2. Label Elements

In compliance with EC regulation No. 1272/2008 and its amendments.

- Hazard pictograms: None

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Product identifiers:

P273	Avoid release to the environment.
P280	Wear protective gloves/protective clothing/eye protection/face protection.

- Precautionary statements- First Aid

P302 + P352	IF ON SKIN: Wash with Water immediately.
P304 + P340	IF INHALED: Remove victim to fresh air and keep at rest in a position comfortable for breathing.
P305 + P351 + P338	IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
P312	Call a POISON CENTER or doctor/physician if you feel unwell.
P333 + P313	If skin irritation or rash occurs: Get medical advice/attention.
P337 + P313	If eye irritation persists: Get medical advice/attention.
P362	Take off contaminated clothing and wash before reuse.
P391	Collect spillage.

- Precautionary statements- Storage

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P403+P233	Store in a well ventilated place. Keep Container Tightly Closed
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- Precautionary statements- Disposal

P501	Dispose of Contents at a Disposal Facility in accordance with local regulations
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- Risk phrase:

H412	May Be Harmful to Aquatic Life
H317	May cause sensitisation by skin contact.
H319/H315	Irritating to eyes and skin.

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SECTION 3: COMPOSITION/INFORMATION ON INGREDIENTS

Name	Cas #	% by weight
Water	N/a	To 100%
Salt of Organic Acid	77-92-9	3 - 7
Organic Acid	6132/04/03	1 - 5
Anti Corrosion Agents	7631-99-4	1 - 5
Defoamer	9014-85-1	<1
Preservatives	247-500-7	<1
Rhodamine Dye	N/a	<1

SECTION 4: FIRST AID MEASURES

- As a general rule, in case of doubt or if symptoms persist, always call a doctor.
- NEVER induce swallowing in an unconscious person.

4.1. Description of first aid measures

In the event of exposure by inhalation:

- In the event of massive inhalation, remove the person exposed to fresh air. Keep warm and at rest.
- If the person is unconscious, place in recovery position. Notify a doctor in all events, to ascertain whether observation and supportive hospital care will be necessary.
- If breathing is irregular or has stopped, effect mouth-to-mouth resuscitation and call a doctor.

In the event of splashes or contact with eyes:

- Wash thoroughly with soft, clean water for 15 minutes holding the eyelids open.
- If there is any redness, pain or visual impairment, consult an ophthalmologist.

In the event of splashes or contact with skin:

- Remove contaminated clothing and wash the skin thoroughly with soap and water or a recognised cleaner.
- Watch out for any remaining product between skin and clothing, watches, shoes, etc.
- In the event of an allergic reaction, seek medical attention.
- If the contaminated area is widespread and/or there is damage to the skin, a doctor must be consulted or the patient transferred to hospital

In the event of swallowing:

- Do not give the patient anything orally.
- In the event of swallowing, if the quantity is small (no more than one mouthful), rinse the mouth with water and consult a doctor.
- Seek medical attention immediately, showing the label.

4.2. Most important symptoms and effects, both acute and delayed

- No data available.

4.3. Indication of any immediate medical attention and special treatment needed

- No data available.

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SECTION 5: FIREFIGHTING MEASURES

5.1. Extinguishing media

- In the event of fire, use specifically suitable extinguishing agents. Never use water.

Suitable methods of extinction

- In the event of a fire, use:
 - dry powder; carbon dioxide
 - water spray; water mist

Unsuitable methods of extinction

NA

5.2. Special hazards arising from the substance or mixture

- A fire will often produce a thick black smoke. Exposure to decomposition products may be hazardous to health.
- Do not breathe in smoke.

5.3. Advice for firefighters

- Due to the toxicity of the gas emitted on thermal decomposition of the products, fire-fighting personnel are to be equipped with autonomous insulating breathing apparatus.

SECTION 6: ACCIDENTAL RELEASE MEASURES

6.1. Personal precautions, protective equipment and emergency procedures

- Consult the safety measures listed under headings 7 and 8.

For non fire-fighters

- Avoid inhaling the vapors.
- Avoid any contact with the skin and eyes.
- If a large quantity has been spilt, evacuate all personnel and only allow intervention by trained operators equipped with safety apparatus.

For fire-fighters

- Fire-fighters will be equipped with suitable personal protective equipment (See section 8).

6.2. Environmental precautions

- Contain and control the leaks or spills with non-combustible absorbent materials such as sand, earth, vermiculite, diatomaceous earth in drums for waste disposal.
- Prevent any material from entering drains or waterways.

6.3. Methods and material for containment and cleaning up

- Dilute with plenty of water

6.4. Reference to other sections

- No data available.

SECTION 7: HANDLING AND STORAGE

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- Requirements relating to storage premises apply to all facilities where the mixture is handled.
- Individuals with a history of skin sensitisation should not, under any circumstance, handle this mixture.

7.1. Precautions for safe handling

- Always wash hands after handling.
- Remove and wash contaminated clothing before re-using.

Fire prevention:

- Handle in well-ventilated areas.
- Prevent access by unauthorised personnel.

Recommended equipment and procedures:

- For personal protection, see section 8.
- Observe precautions stated on label and also industrial safety regulations
- Avoid inhaling vapors.
- Avoid inhaling vapors. Carry out any industrial operation which may give rise to this in a sealed apparatus.
- Provide vapor extraction at the emission source and also general ventilation of the premises
- Also provide breathing apparatus for certain short tasks of an exceptional nature and for emergency interventions
- In all cases, recover emissions at source
- Avoid skin and eye contact with this mixture.

Prohibited equipment and procedures:

- No smoking, eating or drinking in areas where the mixture is used.

7.2. Conditions for safe storage, including any incompatibilities

Storage • Keep the container tightly closed in a dry, well-ventilated place

Packaging • Always keep in packaging made of an identical material to the original

7.3. Specific end use(s)

- No data available.

SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION

8.1. Control parameters

Occupational exposure

limits: Exposure controls

Personal protection measures, such as personal protective equipment

- Use personal protective equipment that is clean and has been properly maintained.
- Store personal protective equipment in a clean place, away from the work area.
- Never eat, drink or smoke during use. Remove and wash contaminated clothing before re-using. Ensure that there is adequate ventilation, especially in confined areas.

- Eye / face protection

- Avoid contact with eyes.
- Use eye protectors designed to protect against liquid splashes
- Before handling, wear safety goggles with protective sides accordance with standard EN166.
- In the event of high danger, protect the face with a face shield.

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- Prescription glasses are not considered as protection.
- Individuals wearing contact lenses should wear prescription glasses during work where they may be exposed to irritant vapours.
- Provide eyewash stations in facilities where the product is handled constantly.

- Hand protection

- Protective creams may be used for exposed skin, but they should not be applied after contact with the product.
- Use suitable protective gloves that are resistant to chemical agents in accordance with standard EN374.
- Gloves must be selected according to the application and duration of use at the workstation.
- Protective gloves need to be selected according to their suitability for the workstation in question: other chemical products that may be handled, necessary physical protections (cutting, pricking, heat protection), level of dexterity required.
- Recommended properties:
 - Impervious gloves in accordance with standard EN374

- Body protection

- Avoid skin contact.
- Wear suitable protective clothing
- Suitable type of protective clothing:
 - In the event of substantial spatter, wear liquid-tight protective clothing against chemical risks (type 3) in accordance with EN14605 to prevent skin contact.
 - In the event of a risk of splashing, wear protective clothing against chemical risks (type 6) in accordance with EN13034 to prevent skin contact.
- Work clothing worn by personnel shall be laundered regularly.
- After contact with the product, all parts of the body that have been soiled must be washed.

- Respiratory protection

- Avoid breathing vapours
- If the ventilation is insufficient, wear appropriate breathing apparatus.
- When workers are confronted with concentrations that are above occupational exposure limits, they must wear a suitable, approved, respiratory protection device.
- Anti-gas and vapour filter(s) (Combined filters) in accordance with standard EN14387:
 - A1 (Brown)

SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

9.1. Information on basic physical and chemical properties General information:

Physical state: Blue Liquid

Important health, safety and environmental information:

PH of the substance or preparation: 4.7 -5.0pH @ 3% with neat water solution 4.2 – 4.6 pH

Specific Gravity	1.048
Boiling/Condensation Point	- 100 Degree C
Melting/Freezing Point	N/a

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Auto Ignition Temp	N/a
Vapour Pressure	Not applicable
Vapour Density	Not applicable
Volatility	Not applicable
Odour	Mildly sweet and pleasant
Evaporation Rate	Not applicable
VOC	Not applicable
Conditions to Avoid	Excessive heat
Solubility	Soluble
Flashpoint	Not applicable

9.2. Other information

- No data available.

SECTION 10: STABILITY AND REACTIVITY

10.1. Reactivity

- No data available

10.2. Chemical stability

- This mixture is stable under the recommended handling and storage conditions in section 7.

10.3. Possibility of hazardous reactions

- No data available.

10.4. Possibility of Incompatibility with Various Substances

- No data available

10.5. Possibility of hazardous reactions

- No data available.

SECTION 11: TOXICOLOGICAL INFORMATION

11.1. Information on toxicological effects

- May have reversible effects on the eyes, such as eye irritation which is totally reversible by the end of observation at 21 days.
- Respiratory tract irritation may occur, together with symptoms such as coughing, choking and breathing difficulties.
- May cause an allergic reaction by skin contact.

Mixture

- No toxicological data available for the mixture.

Skin corrosion/skin irritation:

- Causes serious SKIN irritation.

Serious damage to eyes/eye irritation:

- Causes serious eye irritation.

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Respiratory or skin sensitisation:

- May cause an allergic skin reaction.

SECTION 12: ECOLOGICAL INFORMATION

- May be Harmful to Aquatic life
- The product must not be allowed to run into drains or waterways.

12.1. Toxicity Substances

- No aquatic toxicity data available for the substances.

Mixtures

- No aquatic toxicity data available for the mixture.

12.2. Persistence and degradability

- No data available.

12.3.

12.4. Bioaccumulative potential

- No data available.

12.5. Mobility in soil

- No data available.

12.6. Results of PBT and vPvB assessment

- No data available.

12.7. Other adverse effects

- No data available.

German regulations concerning the classification of hazards for water (WGK):

- WGK 2 (VwVwS): 1-Slightly Hazardous for Others

SECTION 13: DISPOSAL CONSIDERATIONS

- Proper waste management of the mixture and/or its container must be determined in accordance with Directive 2008/98/EC.

13.1. Waste treatment methods

- Do not pour into drains or waterways.

Waste:

- Waste management is carried out without endangering human health, without harming the environment and, in particular without risk to water, air, soil, plants or animals.
- Recycle or dispose of waste in compliance with current legislation, preferably via a certified collector or company.
- Do not contaminate the ground or water with waste, do not dispose of waste into the environment.

Soiled packaging:

- Empty container completely. Keep label(s) on container.
- Give to a certified disposal contractor.

SECTION 14: TRANSPORT INFORMATION

- Transport product in compliance with provisions of the ADR for road, RID for rail, IMDG for sea and ICAO/IATA for air transport.
- Classification:
-

ADR/RID	Class	Code	Pack gr.	Label	Ident.	LQ	Provis.	EQ	Cat.	Tunnel
IMDG	Class	2°Label	Pack gr.	LQ	EMS	Provis.	EQ			
	3	3	III							
IATA	Class	2°Label	Pack gr.	Passager	Passager	Cargo	Cargo	note	EQ	

SECTION 15: REGULATORY INFORMATION**15.1. Safety, health and environmental regulations/legislation specific for the substance or mixture****- Particular provisions:**

- No data available.

15.2. Chemical safety assessment

- No data available.

16. OTHER INFORMATION	
Compiled by:	Authorised by:
Kevin Miller ChemSafe cc	Dale Moore BM Management
Version	8.0
Preparation date	First preparation date 9 th March 1999 Revamped January 2019

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