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SECTION 1 Identification of the substance/mixture and of the company/undertaking
1.1. Product identifier

Identification of the product : Raw Material
Product code : MES-SDS****
Trade name : MES-SDS Running Buffer 20X

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

1.2.1 Relevant identified uses : For research purposes only
1.2.2 Uses advised against : No additional information available

1.3. Details of the supplier of the safety data sheet

Company identification : **Formedium Ltd.**
 Unit 1B Hunstanton Commercial Park
 Norfolk PE365JQ
 Tel: +44(0)1485 609069
 Fax: +44(0)1485 600510
 E-mail: info@formedium.com

1.4. Emergency telephone number

Emergency telephone number : Tel: +44(0)1485 609069 (local time : 9.00 to 17.00)
 National Poison Information Centre : Europe UK : +44 0845 4647 (this service is only available to health professionals)
 See www.toxbase.org for a local poison centre

SECTION 2 Hazards identification
2.1. Classification of the substance or mixture

Classification according to Regulation (EC) No 1272/2008
 Not regulated

2.2. Label elements

Labelling according to Regulation (EC) No. 1272/2008
 Hazards pictograms code : None
 Precautionary statements : None

2.3 Other hazards

This mixture does not contain any substances that are assessed to be a PBT or vPvB.

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SECTION 3 Composition/information on ingredients

Components : This product is not classified as hazardous.

MES
Tris
Sodium Dodecyl Sulphate
EDTA Na₂

SECTION 4 First aid measures

4.1. Description of first aid measures

- General information** : Seek medical attention if ill effect develops.
- Inhalation** : Not expected to be an inhalation hazard under anticipated conditions of normal use. Consult a physician if necessary.
- Skin contact** : Rinse with plenty of water. Immediate medical attention is not required.
- Eye contact** : Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do so.
- Ingestion** : Not expected to present a significant ingestion hazard under anticipated conditions of normal use. If you feel unwell, seek medical advice.
- Notes to physician** : Treat symptomatically.

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

Symptoms and effects, both acute and delayed. : No data available.

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

Medical attention and special treatment needed. : No data available.

SECTION 5 Fire-fighting measures

5.1. Extinguishing media


Suitable extinguishing media : Dry powder
Water spray
CO₂
Foam

5.2. Special hazards arising from the substance or mixture

Not known.

5.3. Advice for firefighters

Protection against fire : Wear proper protective equipment.
Special procedures : Avoid (reject) fire fighting water to enter environment.

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SECTION 6 Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures

Ensure adequate ventilation. Always wear recommended Personal Protective Equipment.
Use personal protection equipment. See Section 8 for more details.

6.2 . Environmental precautions

Environmental precautions : Prevent entry to sewers and public waters.

6.3. Methods and material for containment and cleaning up

Clean up methods : Soak up with inert absorbent material.
Dispose in a safe manner in accordance with local / national regulations.

6.4. Reference to other sections

For disposal see section 13.

SECTION 7 Handling and storage

7.1. Precautions for safe handling

General : Use personal protective equipment as required.
No special handling advices are necessary.

7.2. Conditions for safe storage, including any incompatibilities

Storage conditions : Store in a dry, cool, well-ventilated area.
Keep in properly labelled containers.

7.3. Specific end use(s)

Specific end use(s) : For research purposes only

SECTION 8 Exposure controls/personal protection

8.1. Control parameters

Engineering measures : Ensure adequate ventilation, especially in confined areas.

8.2. Exposure controls


- **Eye protection** : Tight sealing safety goggles.
- **Skin and body protection** : Wear suitable protective clothing.
- **Hand protection** : Wear suitable gloves. Glove material : Compatible chemical-resistant gloves.
- **Respiratory protection** : In case of insufficient ventilation wear respirators and components tested and approved under appropriate government standards.
- **Hygiene measures** : Handle in accordance with good industrial hygiene and safety practice.

SECTION 9 Physical and chemical properties

9.1. Information on basic physical and chemical properties.

• **Appearance**

Physical state at 20°C : Liquid
Odour : No data available.


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SECTION 9 Physical and chemical properties (continued)

Odour threshold	: Not established.
pH	: 6 – 8
Melting point (°C)	: No data available.
Boiling point (°C)	: No data available.
Flash point (°C)	: No data available.
Evaporation rate (ether=1)	: No data available.
Flammability range (vol % in air)	: No data available.
Explosion limits	: No data available.
Vapour pressure	: No data available.
Relative vapour density (air = 1)	: No data available.
Relative Density	: No data available.
Solubility	: No data available.
Log P octanol / water at 20°C	: No data available.
Auto ignition temperature (°C)	: No data available.
Thermal decomposition (°C)	: No data available.
Explosive properties	: No data available.
Oxidising properties	: No data available.

9.2. Other information

No additional information available

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SECTION 10 Stability and reactivity
10.1. Reactivity

Stable under normal conditions, handling and use.

10.2. Chemical stability

Stable under recommended storage conditions.

10.3. Possibility of hazardous reactions

Hazardous reactions : No data available.

10.4. Conditions to avoid

No information available.

10.5. Incompatible materials

No information available.

10.6. Hazardous decomposition products

Hazardous decomposition products : No data available.

SECTION 11 Toxicological information
11.1. Information on toxicological effects

Principal Routes Of Exposure, Potential Health Effects : Conclusive but not sufficient for classification.

SECTION 12 Ecological information
12.1. Toxicity

No data available.

12.2. Persistence and degradability

No additional information available.

12.3. Bioaccumulative potential

No additional information available.

12.4. Mobility in soil

No additional information available.

12.5. Results of PBT and vPvB assessment

This mixture does not contain any substances that are assessed to be a PBT or a vPvB.

12.6. Other adverse effects

No data available.

Ecological effects information : No data available.

Formedium Ltd.


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SECTION 13 Disposal considerations

13.1. Waste treatment methods

The generation of waste should be avoided or minimized wherever possible. Empty containers or liners may retain some product residues. This material and its container must be disposed of in accordance approved disposal technique. Disposal of this product, its solutions or any by-products, shall comply with the requirements of all applicable local, regional or national / federal regulations.

SECTION 14 Transport information

14.1. UN Number

Not applicable

General information : Not classified as dangerous in the meaning of transport regulations.

14.2. UN Proper shipping name

Not applicable.

14.3. Transport Hazard Class(es)

Not applicable.

14.4. Packing group

Not applicable.

14.5. Environmental hazards

Not applicable.

14.6. Special precautions for user

Not applicable

SECTION 15 Regulatory information

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

This safety datasheet complies with the requirements of Regulation (EU) No. 2015/830. Ensure all national / local regulations are observed.

15.2. Chemical Safety Assessment

For this product a chemical safety assessment was not carried out.

SECTION 16 Other information

Further information : The above information is believed to be correct but does not purport to be all inclusive and shall be used only as a guide. The information in this document is based on the present state of our knowledge and is applicable to the product with regard to appropriate safety precautions. It does not represent any guarantee of the properties of the product. Formedium Ltd. shall not be held liable for any damage resulting from handling or from contact with the above product.

Revision : Complete SDS revision

End of document