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

1.1. Product identifier

Product Description: Anaerobic Indicator
Cat No.: BR0055

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

Recommended Use: Laboratory chemicals
Uses advised against: No Information available

1.3. Details of the supplier of the safety data sheet

Company: Oxoid Ltd
Wade Road
Basingstoke, Hants, UK
RG24 8PW
Tel: +44 (0) 1256 841144
mbd-sds@thermofisher.com

Supplier: Oxoid Ltd.
Wade Road
Basingstoke, Hants, UK
RG24 8PW
Telephone: +44 (0) 1256 841144

E-mail address: mbd-sds@thermofisher.com

1.4. Emergency telephone number

Carechem 24: +44 (0) 1865 407333

SECTION 2: HAZARDS IDENTIFICATION

2.1. Classification of the substance or mixture

CLP Classification - Regulation (EC) No 1272/2008

Not hazardous

Physical hazards
 Based on available data, the classification criteria are not met

Health hazards
 Based on available data, the classification criteria are not met

Environmental hazards
 Based on available data, the classification criteria are not met

Classification according to EU Directives 67/548/EEC or 1999/45/EC
R-phrase(s) none

For the full text of the R-phrases and H-Statements mentioned in this Section, see Section 16

2.2. Label elements

Signal Word: None

Hazard Statements

OXDBR0055
Precautionary Statements

2.3. Other hazards

No information available.

SECTION 3: COMPOSITION/INFORMATION ON INGREDIENTS

3.2. Mixtures

<table>
<thead>
<tr>
<th>Component</th>
<th>CAS-No</th>
<th>EC-No</th>
<th>Weight %</th>
<th>CLP Classification - Regulation (EC) No 1272/2008</th>
<th>DSD Classification - 67/548/EEC</th>
</tr>
</thead>
<tbody>
<tr>
<td>NONHAZARDOUS</td>
<td>NA</td>
<td>100</td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

For the full text of the R-phrases and H-Statements mentioned in this Section, see Section 16

SECTION 4: FIRST AID MEASURES

4.1. Description of first aid measures

Eye Contact          Rinse thoroughly with plenty of water, also under the eyelids.
Skin Contact         Wash off with warm water and soap.
Ingestion            Clean mouth with water and drink afterwards plenty of water
Inhalation            Move to fresh air
Protection of First-aiders Ensure that medical personnel are aware of the material(s) involved, take precautions to protect themselves and prevent spread of contamination

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

No information available

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

Notes to Physician Treat symptomatically

SECTION 5: FIREFIGHTING MEASURES

5.1. Extinguishing media

Suitable Extinguishing Media Use extinguishing measures that are appropriate to local circumstances and the surrounding environment

Extinguishing media which must not be used for safety reasons None.

5.2. Special hazards arising from the substance or mixture

Thermal decomposition can lead to release of irritating gases and vapors

Hazardous Combustion Products None under normal use conditions

5.3. Advice for firefighters
SAFETY DATA SHEET

As in any fire, wear self-contained breathing apparatus pressure-demand, MSHA/NIOSH (approved or equivalent) and full protective gear.

SECTION 6: ACCIDENTAL RELEASE MEASURES

6.1. Personal precautions, protective equipment and emergency procedures
Ensure adequate ventilation.

6.2. Environmental precautions
Prevent further leakage or spillage if safe to do so.

6.3. Methods and material for containment and cleaning up
Sweep up or vacuum up spillage and collect in suitable container for disposal.

6.4. Reference to other sections
Refer to protective measures listed in Sections 8 and 13.

SECTION 7: HANDLING AND STORAGE

7.1. Precautions for safe handling
Ensure adequate ventilation.

7.2. Conditions for safe storage, including any incompatibilities
Keep at temperatures between 2° and 8 °C.

7.3. Specific end use(s)
Use in laboratories.

SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION

8.1. Control parameters

Exposure limits
This product, as supplied, does not contain any hazardous materials with occupational exposure limits established by the region specific regulatory bodies.

Biological limit values
This product, as supplied, does not contain any hazardous materials with biological limits established by the region specific regulatory bodies.

Monitoring methods
BS EN 14042:2003 Title Identifier: Workplace atmospheres. Guide for the application and use of procedures for the assessment of exposure to chemical and biological agents.

Derived No Effect Level (DNEL)
According to our experience and to the information provided to us, the product does not have any harmful effects if it is used and handled as specified.

<table>
<thead>
<tr>
<th>Route of exposure</th>
<th>Acute effects (local)</th>
<th>Acute effects (systemic)</th>
<th>Chronic effects (local)</th>
<th>Chronic effects (systemic)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Oral</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Dermal</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Inhalation</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

OXDBR0055
Predicted No Effect Concentration (PNEC)

According to our experience and the information provided to us, the product does not have any harmful effects if it is used and handled as specified.

8.2. Exposure controls

Engineering Measures

Ensure adequate ventilation, especially in confined areas
Wherever possible, engineering control measures such as the isolation or enclosure of the process, the introduction of process or equipment changes to minimise release or contact, and the use of properly designed ventilation systems, should be adopted to control hazardous materials at source.

Personal protective equipment

Eye Protection
No special protective equipment required (European standard - EN 166)

Hand Protection
Protective gloves

Inspect gloves before use.
Please observe the instructions regarding permeability and breakthrough time which are provided by the supplier of the gloves. (Refer to manufacturer/supplier for information)
Ensure gloves are suitable for the task: Chemical compatibility, Dexterity, Operational conditions, User susceptibility, e.g. sensitisation effects, also take into consideration the specific local conditions under which the product is used, such as the danger of cuts, abrasion.
Remove gloves with care avoiding skin contamination.

Skin and body protection
Long sleeved clothing

Respiratory Protection
When workers are facing concentrations above the exposure limit they must use appropriate certified respirators.
To protect the wearer, respiratory protective equipment must be the correct fit and be used and maintained properly.

Large scale/emergency use
In case of insufficient ventilation wear suitable respiratory equipment

Small scale/Laboratory use
Use a NIOSH/MSHA or European Standard EN 149:2001 approved respirator if exposure limits are exceeded or if irritation or other symptoms are experienced.

When RPE is used a face piece Fit Test should be conducted.

Hygiene Measures
Handle in accordance with good industrial hygiene and safety practice

Environmental exposure controls
No special environmental precautions required.

SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

9.1. Information on basic physical and chemical properties

Appearance
White - Pink

Physical State
Solid

Odor
No information available

Odor Threshold
No data available

pH
Not applicable

Melting Point/Range
Not applicable

Softening Point
Not applicable

Boiling Point/Range
Not applicable

Flash Point
Not applicable

Method - No information available.
SECTION 10: STABILITY AND REACTIVITY

10.1. Reactivity

None known, based on information available.

10.2. Chemical stability

Stable under normal conditions.

10.3. Possibility of hazardous reactions

Hazardous Polymerization
Hazardous polymerization does not occur.

Hazardous Reactions
None under normal processing.

10.4. Conditions to avoid

None known

10.5. Incompatible materials

No materials to be especially mentioned.

10.6. Hazardous decomposition products

None under normal use conditions

SECTION 11: TOXICOLOGICAL INFORMATION

11.1. Information on toxicological effects

Product Information
Product does not present an acute toxicity hazard based on known or supplied information.

(a) acute toxicity;
   Oral
   No data available
   Dermal
   No data available
   Inhalation
   No data available

(b) skin corrosion/irritation;
   No data available

(c) serious eye damage/irritation;
   No data available
(d) respiratory or skin sensitization;  
  Respiratory  
  No data available  
  Skin  
  No data available  
  None known  

(e) germ cell mutagenicity;  
  No data available  
  None known  

(f) carcinogenicity;  
  No data available  
  There are no known carcinogenic chemicals in this product  

(g) reproductive toxicity;  
  Reproductive Effects  
  None known.  
  Developmental Effects  
  None known.  

(h) STOT-single exposure;  
  No data available  

(i) STOT-repeated exposure;  
  Target Organs  
  None known.  

(j) aspiration hazard;  
  No data available  

Symptoms / effects,  
both acute and delayed  
  No information available.  

SECTION 12: ECOLOGICAL INFORMATION

12.1. Toxicity 
  Ecotoxicity effects  
  Contains no substances known to be hazardous to the environment or that are not degradable in waste water treatment plants  

12.2. Persistence and degradability  
  Not readily biodegradable  

12.3. Bioaccumulative potential  
  Does not bioaccumulate  

12.4. Mobility in soil  
  Spillage unlikely to penetrate soil.  

12.5. Results of PBT and vPvB assessment  
  No data available for assessment  

12.6. Other adverse effects  
  Endocrine Disruptor Information  
  This product does not contain any known or suspected endocrine disruptors  
  Persistent Organic Pollutant  
  This product does not contain any known or suspected substance  
  Ozone Depletion Potential  
  This product does not contain any known or suspected substance  

SECTION 13: DISPOSAL CONSIDERATIONS

13.1. Waste treatment methods  
  Waste from Residues / Unused Products  
  Chemical waste generators must determine whether a discarded chemical is classified as a hazardous waste. Consult local, regional, and national hazardous waste regulations to ensure complete and accurate classification.  
  Contaminated Packaging  
  Empty remaining contents. Dispose of in accordance with local regulations. Do not re-use empty containers.  

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According to the European Waste Catalogue, Waste Codes are not product specific, but application specific.

Waste codes should be assigned by the user based on the application for which the product was used.

### SECTION 14: TRANSPORT INFORMATION

**IMDG/IMO**
- Not regulated

14.1. UN number
14.2. UN proper shipping name
14.3. Transport hazard class(es)
14.4. Packing group

**ADR**
- Not regulated

14.1. UN number
14.2. UN proper shipping name
14.3. Transport hazard class(es)
14.4. Packing group

**IATA**
- Not regulated

14.1. UN number
14.2. UN proper shipping name
14.3. Transport hazard class(es)
14.4. Packing group

14.5. Environmental hazards
- No hazards identified

14.6. Special precautions for user
- No special precautions required

14.7. Transport in bulk according to Annex II of MARPOL73/78 and the IBC Code
- Not applicable, packaged goods

### SECTION 15: REGULATORY INFORMATION

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

**International Inventories**
- X = listed

**National Regulations**
- Take note of Control of Substances Hazardous to Health Regulations (COSHH) 2002 and 2005 Amendment
- Take note of Dir 94/33/EC on the protection of young people at work
- Take note of Directive 98/24/EC on the protection of the health and safety of workers from the risks related to chemical agents at work

15.2. Chemical safety assessment
- A Chemical Safety Assessment/Report (CSA/CSR) has not been conducted

### SECTION 16: OTHER INFORMATION

**Full text of R-phrases referred to under sections 2 and 3**
- Not applicable

**Full text of H-Statements referred to under sections 2 and 3**
- Not applicable
OXDBR0055

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

Disclaimer
The information provided on this Safety Data Sheet is correct to the best of our knowledge, information and belief at the date of its publication. The information given is designed only as a guide for safe handling, use, processing, storage, transportation, disposal and release and is not to be considered as a warranty or quality specification. The information relates only to the specific material designated and may not be valid for such material used in combination with any other material or in any process, unless specified in the text.

End of Safety Data Sheet