MATERIAL SAFETY DATA SHEET  

Metabolase

SECTION 1 – IDENTIFICATION OF THE MATERIAL AND SUPPLIER

IDENTIFICATION OF THE MIXTURE AND OF THE COMPANY

Product Identifier: Metabolase

Relevant identified use of the mixture and uses advised against: Injectable solution for Veterinary use only

Details of the supplier of the safety data sheet:

Company name: Ethical Agents Veterinary Marketing Limited

Company Address: 54 Hobill Avenue

Wiri,

Auckland 2104,

New Zealand

Tel: +64 9 262 1388

Fax: +64 9 262 1411

Email: info@ethicalagents.co.nz

Website: www.eavm.nz

Emergency telephone number: Poisons Information Centre - New Zealand ph: 0800 POISON (0800 764 766)

SECTION 2 – HAZARDS IDENTIFICATION

Classification of the mixture:

Classification according to Regulation (EC) no.1272/2008: The product is not classified as hazardous

Classification according to EU Directives 67/548/EEC and 1999/45/EC: The product is not classified as hazardous

Main harmful effects: see sections from 9 to 12.

Label elements (NOTE: this chapter does not apply to veterinary medicinal products; it is only for information purposes)

<table>
<thead>
<tr>
<th>Pictogram(s)</th>
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<td>Signal word</td>
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<td>Hazard statement(s)</td>
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<tr>
<td>S-phrases</td>
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Other hazards: ND
SECTION 3 – COMPOSITION/INFORMATION ON INGREDIENTS

Substances: N/A
Mixtures
The mixture does not contain any substances which are considered hazardous according to Regulation (EC) no. 1272/2008 and EU Directive 67/548/EEC and 1999/45/EC, at a concentration higher than that envisaged by Art. 11 paragraph 3 of Regulation (EC) no. 1272/2008

SECTION 4 – FIRST AID MEASURES

Description of first aid measures:

In case of skin contact:
P302 + P352 – IF ON SKIN: wash with plenty of water and soap
P333 + P313 – If skin irritation or rash occurs: get medical advice/attention:

In case of eye contact:
P305 + P351 + P 338 – IF IN EYES: rinse cautiously with water
for several minutes. Remove contact lens, if present and easy to do. Continue rinsing.

If swallowed:
P301 + P330 – IF SWALLOWED: rinse mouth.
P312 – Call a POISON CENTRE or doctor/physician if you feel unwell.

First Aid Measures:
Consult the National Poisons Centre on 0800 POISON (0800 764 766) or a doctor immediately in every case of suspected poisoning.

Most important symptoms and effects, both acute and delayed:

In case of skin contact: ND
In case of eye contact: ND
If swallowed: ND
If inhaled: NA

Indication of any immediate medical attention and special treatment needed: see 4.1

SECTION 5 – FIREFIGHTING MEASURES

Extinguishing media:
Suitable: powder, foam, carbon dioxide or water spray
Unsuitable: none

Special hazards arising from the mixture: The fumes might contain irritant and toxic gas, avoid breathing
Advice for firefighters: Wear self-contained breathing apparatus for firefighting and protective clothing and equipment.
SECTION 6 – ACCIDENTAL RELEASE MEASURES

Personal precautions, protective equipment and emergency procedures: Wear personal protective equipment and emergency procedures

Environmental precautions: Avoid any release into the environment

Methods and materials for containment and cleaning up: Containment and cleaning up should be made through mechanical removal. Collect material in a tightly-closed container. Wash the affected area with soap and water.

Reference to other sections: None

SECTION 7 – HANDLING AND STORAGE

Precautions for safe handling: Avoid eyes, skin and clothing contact with the product. Wear personal protective equipment. Wash carefully hands, face and mouth after any contact with the product

Conditions for safe storage, including any incompatibilities: Keep stored at room temperature away from heat and direct light exposure

Specific end uses: This is a product for Veterinary use only

SECTION 8 – EXPOSURE CONTROLS/PERSONAL PROTECTION

Control parameters: ND

Exposure controls: ND

Appropriate engineering controls: Handle according to good industrial hygiene and adequate safety practices. Wash hands before breaks and at the end of the workday.

Personal protective equipment:
- Eye/Face protection: Protective gloves
- Skin/Body protections: Overalls
- Hand Protection: latex or vinyl protective gloves
- Breathing protection: N/A
- Thermal hazards: N/A
- Environment: N/A

SECTION 9 – PHYSICAL AND CHEMICAL PROPERTIES

Information on basic physical and chemical properties:

a) Appearance Clear pink solution
b) Odour  ND  
c) Odour threshold  ND  
d) pH  5, 4- 5,7  
e) Melting point/Freezing point  ND  
f) Initial boiling point and boiling Range  ND  
g) Flash point  ND  
h) Evaporation rate  ND  
i) Flammability (solid, gas)  ND  
j) Upper/Lower flammability or explosive limits  ND  
k) Vapour pressure  ND  
l) Vapour density  ND  
m) Relative density  1,026  
n) Water solubility  Completely soluble in water  
o) Partition coefficient (n-Octanol/water)  ND  
p) Autoignition temperature  ND  
q) Decomposition temperature  ND  
r) Viscosity  ND  
s) Explosive properties  No  
t) Oxidizing properties  No  

Other Information:  ND  

SECTION 10 – STABILITY AND REACTIVITY  
Reactivity:  No  
Chemical stability:  Stable at the normal conditions of storage and handling  
Possibility of hazardous reactions:  None  
Conditions to avoid:  Keep away from any heating sources and from direct light exposure.  
Incompatible materials:  ND  
Hazardous decomposition products:  ND. In case of fire see section 5  

SECTION 11 – TOXICOLOGICAL INFORMATION  
Information on toxicological effects  
Acute Toxicity:  ND  
Irritation:  ND  
Skin corrosion/irritation:  ND  
Serious eye damage/eye irritation:  ND  
Respiratory or skin sensitization:  ND  
Germ cell mutagenicity:  ND  
Carcinogenity:  IARC: none component of the mixture in a concentration of 0,1% or more is identified as carcinogenic known or expected from IARC.
Reproductivity toxicity: ND
Specific target organ toxicity – single expose: ND
Specific target organ toxicity – repeated expose: ND
Aspiration hazard: NA
Potential health effects:
  • Inhalation: NA
  • Ingestion: ND
  • Skin: ND
  • Eyes: ND
Further toxicological information: ND

SECTION 12 – ECOLOGICAL INFORMATION

Toxicity: ND
Persistence and degradability: ND
Bio accumulative potential: ND
Mobility in soil: ND
Results of PBT and vPvB assessment: ND
Other adverse effects ND

SECTION 13 – DISPOSAL CONSIDERATIONS

Waste Treatment Methods:
Waste classification (product and container): special.

P501 – Dispose of contents/container in accordance with official local/regional/national/international Regulations.
It is recommended to make the disposal at an authorized disposal centre.

SECTION 14 – TRANSPORT INFORMATION

UN Number: NA
UN Proper shipping /Name: NA
Transport hazard class(es):
IMDG (sea) Not /classified
ADR (road) 94/55/EC: Not /classified
RID (railway) 96/49/EC: Not /classified
ICATO/IATA (air): Not /classified
Special precautions for user: NA
Transport in bulk according to Annex II of MORPOL 73/78 and the
SECTION 15 – REGULATORY INFORMATION

Safety, health and environmental regulations/legislation specific for the mixture:
Regulation (EC) no. 1272/2008 (CLP): NZ Registered Veterinary Medicine
ACVM Number: A10882
Others: NA
Chemical safety assessment: ND

SECTION 16– OTHER INFORMATION

Main bibliographical sources
MSDS of suppliers of raw materials Sax 11th edition

Text – H – code (S) mentioned in Section 3:
None

Text – R – phrase (s) mentioned in Section 3:
None

Revision change control:
03U New lay-out of the MSDS according to Regulation (EC) no. 1907/2006

Acronyms:
ACGIH: American Conference of Government Industrial /Hygienists
ADR: Accord européen relative au transport international Des marchandises dangereuses par Route
BEI: Biological Exposure Indices
CLP: Classification, Labelling and Packaging
IARC: International Agency for Research on Cancer
IATA: International Air Transport Association
ICAO: International Civil Aviation Organisation
IMDG Code: International Maritime Dangerous Goods code
PBT: Persistent, Bio accumulative and Toxic
RID: Règlement concernent le transport International ferroviaire des marchandises Dangereuses
VPvB: very Persistent very Bio accumulative
TLV: Threshold Limit Value

THIS SDS SUMMARISES OUR BEST KNOWLEDGE OF THE HEALTH AND SAFETY HAZARD INFORMATION OF THE PRODUCT AND HOW TO SAFELY HANDLE AND USE THE PRODUCT IN THE WORKPLACE. EACH USER MUST REVIEW THIS SDS IN THE CONTEXT OF HOW THE PRODUCT WILL BE HANDLED AND USED IN THE WORKPLACE.
IF CLARIFICATION OR FURTHER INFORMATION IS NEEDED TO ENSURE THAT AN APPROPRIATE RISK ASSESSMENT CAN BE MADE, THE USER SHOULD CONTACT THIS COMPANY SO WE CAN ATTEMPT TO OBTAIN ADDITIONAL INFORMATION FROM OUR SUPPLIERS.
OUR RESPONSIBILITY FOR PRODUCTS SOLD IS SUBJECT TO OUR STANDARD TERMS AND CONDITIONS, A COPY OF WHICH IS SENT TO OUR CUSTOMERS AND IS ALSO AVAILABLE ON REQUEST.