SAFETY DATA SHEET
OVITHRIFT NO COPPER

SECTION 1: Identification of the substance/mixture and of the company/undertaking

1.1. Product identifier
Ovithrift No Copper

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

1.3. Details of the supplier of the safety data sheet
Manufacturer/Supplier: Kilco (International) Ltd.
Address: Broomhouses 2 Industrial Estate, Old Glasgow Road Lockerbie, Dumfriesshire. DG11 2SD
Phone Number: +44 (0) 1576 205480
Fax Number: +44 (0) 1576 205483
E-mail: sds@kilco.co.uk

1.4. Emergency telephone number
+44 (0) 207 858 1228 (24 hours)

SECTION 2: Hazards identification

2.1. Classification of the substance or mixture
Classification (1999/45/EEC): None

2.2. Label elements
Labelling: None
Symbol (s): None
Risk phrases: S2 Keep out of reach of children

2.3. Other hazards
This product does not contain any PBT or vPvB substances.

SECTION 3: Composition/information on ingredients

3.2. Mixtures
Chemical Characterisation: A solubilised multi-vitamin and trace element preparation containing oil & water soluble Vitamins

<table>
<thead>
<tr>
<th>Component</th>
<th>EINECS No:</th>
<th>CAS No:</th>
<th>% Inclusion</th>
<th>Concentration limits (Annex I 67/548/EEC)</th>
</tr>
</thead>
</table>
| Not classified as hazardous as it is a feedingstuff.

SECTION 4: First aid measures

4.1. Description of first aid measures
General advice
Remove from exposure

Eyes
Rinse with plenty of water. If discomfort persists, seek medical advice.

Skin
Rinse with plenty of water. Remove contaminated clothing. If discomfort persists, seek medical advice. Rinse with plenty of water. Remove contaminated clothing. If discomfort persists, seek medical advice.

Ingestion
Rinse mouth with water and then drink water. If discomfort persists, seek medical advice.

Inhalation
Take affected persons out into the fresh air. If discomfort persists, seek medical advice.

4.2. Most important symptoms and effects, both acute and delayed
Eyes
Possible irritation

Skin
Possible irritation

Ingestion
Possible irritation

Inhalation
Possible irritation

4.3. Indication of any immediate medical attention and special treatment needed
Treatment: Treat symptomatically. If in doubt or symptoms persist, seek medical advice immediately.

SECTION 5: Firefighting measures

Page 1 of 5
Issue Number 05
Date of issue: 19/08/2013
Replaces SDS issued 10/11/2012
5.1. Extinguishing media
Water spray, foam, dry powder or carbon dioxide.

5.2. Special hazards arising from the substance or mixture
None

5.3. Advice for firefighters
Evacuate personnel to safe areas. Keep out unprotected persons. Keep unauthorised persons away. Water used to extinguish fire should not enter drainage systems, soil or stretches of water. Ensure that there are sufficient retaining facilities for water used to extinguish fire. Contaminated fire-extinguishing water must be disposed of in accordance with the regulations issued by the appropriate local authorities. Fire residues should be disposed of in accordance with the regulations. To cool, spray closed containers with water spray jet. In case of fire, remove the endangered containers and bring to a safe place, if this can be done safely.

SECTION 6: Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures
Wear appropriate protective clothing, approved respirator, gloves, goggles etc – see section 8. Evacuate personnel to safe areas. Keep out unprotected persons. Keep unauthorised persons away.

6.2. Environmental precautions
Observe regulations on preventions of water pollution (collect, dam up, cover up) Prevent the material from entering drains or watercourses.

6.3. Methods and material for containment and cleaning up
Large spillages should be collected for disposal. Collect in suitable containers. Keep away from incompatible substances. Clean contaminated surface thoroughly – recommended cleaning agent – water. Dispose of absorbed material in accordance with the regulations. Never return spilled product into its original containers for re-use.

6.4. Reference to other sections

SECTION 7: Handling and storage

7.1. Precautions for safe handling
Wear suitable protective clothing. Avoid contact with skin, eyes and clothing. Do not inhale vapour, aerosols, and sprays. When using, avoid spray mists. Operate in a well ventilated place. For personal protection see Section 8. Handle in accordance with good industrial hygiene and safety practice. Immediately change moistened or saturated work clothes. Immediately rinse contaminated or saturated clothing with water. Never return spilled product into its original containers for re-use. Avoid impurities. Transport and store container in upright position only. Do not empty container by means of pressure.

7.2. Conditions for safe storage, including any incompatibilities
Keep away from incompatible substances. Keep only in the original container. Keep container closed and in a clean, cool, and well ventilated place away from heat, flammable materials and intense light. Avoid residues of the product on the containers. Containers which are opened must be carefully resealed and kept upright to prevent leakage.

7.3. Specific end use(s)
The identified uses for this product are detailed in Section 1.2.

SECTION 8: Exposure controls/personal protection

8.1. Control parameters
<table>
<thead>
<tr>
<th>Occupational Exposure Standards</th>
<th>EH40 WEL Short Term</th>
<th>EH40 WEL TWA</th>
</tr>
</thead>
<tbody>
<tr>
<td>None</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

8.2. Exposure controls
Eye / face protection: Not normally required
Hand protection: Gloves
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Other
Not normally required
Respiratory protection
Not normally required

SECTION 9: Physical and chemical properties

9.1. Information on basic physical and chemical properties

<table>
<thead>
<tr>
<th>Property</th>
<th>Value</th>
</tr>
</thead>
<tbody>
<tr>
<td>Appearance</td>
<td>Orange liquid</td>
</tr>
<tr>
<td>Odour</td>
<td>No data available</td>
</tr>
<tr>
<td>Odour threshold</td>
<td>No data available</td>
</tr>
<tr>
<td>pH</td>
<td>3.90 – 4.20</td>
</tr>
<tr>
<td>Melting/freezing point</td>
<td>No data available</td>
</tr>
<tr>
<td>Boiling point/boiling range</td>
<td>No data available</td>
</tr>
<tr>
<td>Flash point</td>
<td>No data available</td>
</tr>
<tr>
<td>Evaporation rate</td>
<td>No data available</td>
</tr>
<tr>
<td>Flammability (solid, gas)</td>
<td>No flammable components</td>
</tr>
<tr>
<td>Upper/lower flammability or</td>
<td>No explosive components</td>
</tr>
<tr>
<td>explosive limits</td>
<td></td>
</tr>
</tbody>
</table>

9.2. Other information
No Data

SECTION 10: Stability and reactivity

10.1. Reactivity
No data supplied

10.2. Chemical stability
No data supplied

10.3. Possibility of hazardous reactions
No data supplied

10.4. Conditions to avoid
Extremes of temperature

10.5. Incompatible materials
No data supplied

10.6. Hazardous decomposition products
Oxides of carbon

SECTION 11: Toxicological information

11.1. Information on toxicological effects

<table>
<thead>
<tr>
<th>Effect</th>
<th>Value</th>
</tr>
</thead>
<tbody>
<tr>
<td>Acute toxicity</td>
<td>No data supplied</td>
</tr>
<tr>
<td>Irritation</td>
<td>No data supplied</td>
</tr>
<tr>
<td>Corrosivity</td>
<td>No data supplied</td>
</tr>
<tr>
<td>Sensitisation</td>
<td>No data supplied</td>
</tr>
<tr>
<td>Repeated dose toxicity</td>
<td>No data supplied</td>
</tr>
<tr>
<td>Carcinogenicity</td>
<td>No components are classified as Carcinogenic</td>
</tr>
<tr>
<td>Mutagenicity</td>
<td>No components are classified as Mutagenic</td>
</tr>
<tr>
<td>Toxicity for reproduction</td>
<td>No components are classified as Toxic for reproduction</td>
</tr>
</tbody>
</table>

SECTION 12: Ecological information

12.1. Toxicity
No data supplied

Page 3 of 5  Issue Number 05  Date of issue: 19/08/2013
Replaces SDS issued 10/11/2012
12.2. Persistence and degradability
No data supplied

12.3. Bioaccumulative potential
Product is not expected to bioaccumulate.

12.4. Mobility in soil
No data supplied

12.5. Results of PBT and vPvB assessment
This product does not contain any PBT or vPvB substances.

12.6. Other adverse effects
No data supplied

SECTION 13: Disposal considerations

13.1. Waste treatment methods
Product disposal Dispose of in accordance with all applicable local and national regulations.
Container disposal Contaminated, empty containers must be disposed of as chemical waste. Residual chemical should be disposed of by incineration or by other modes of disposal in compliance with local legislation

SECTION 14: Transport information

14.1. UN number Not applicable
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
14.7. Transport in bulk according to Annex II of MARPOL73/78 and the IBC Code Not applicable

SECTION 15: Regulatory information

15.1. Safety, health and environmental regulations/legislation specific for the substance or mixture
The Chemical (Hazard Information for Packaging and Supply) Regulations 2009 (SI 2009:716) and associated documents.
HSE Guidance Note EH40 2007
The European Agreement Concerning the Carriage of Dangerous Goods by Road (ADR), 2009 Edition.
Safety Data Sheets provided by suppliers of component substances.

15.2. Chemical safety assessment
A chemical safety assessment has not been carried out.

SECTION 16: Other information

Note: Sections in italics indicate significant changes from the previous version
Full text of R phrases from section 3.
None

Training advice.
Those who are employed in the use of this product must be given training which highlights the need to handle and use it only in the recommended manner and at all times make use of the prescribed personal protective equipment.

Recommended restrictions on use.

This product should be stored and handled in accordance with guidance given above and used only in the recommended manner and in conformity with any legal requirements.

This safety data sheet has been supplied in accordance with the requirements of Article 31 of Regulation EC No 1907/2006 (the REACH regulation) and the information contained herein is displayed in the order prescribed in Annex II to that regulation, as amended 2010. Its purpose is to facilitate the carrying out of a risk assessment. Employers are reminded of their duty to carry out such an assessment and subsequently to provide an appropriate working environment, to make available to those who are required to use this product all necessary personal protective equipment and to ensure that such equipment is used.

The safety data sheet is additional to the technical data sheet but does not replace it. The information given herein is to the best of our knowledge correct and given in good faith. It relates to the product in the state in which it is delivered. This product is for the uses specified and should only be used for those purposes. Any other use may involve risks. The user will take sole responsibility for the precautions relating to the use of the product. It is intended to describe our products from the point of view of safety requirements and is not intended to guarantee any particular properties.

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Registration Number: Ireland  NI3240  Place of Registration:  Northern Ireland