SAFETY DATA SHEET

Colilert 98-12972-00, 98-12973-00, 98-14770-00, 98-14771-00
98-26016-00, 98-26017-00, 98-27163-00, 98-17506-00, 98-28942-00,
98-0001563-00

1. IDENTIFICATION OF THE SUBSTANCE/MIXTURE AND OF THE COMPANY/UNDERTAKING

Product name(s) Colilert
Product code(s) 98-12972-00, 98-12973-00, 98-14770-00, 98-14771-00, 98-26016-00, 98-26017-00, 98-27163-00
98-17506-00, 98-28942-00, 98-0001563-00
WP020I, WP200I, W100I, W200I, WB250-20I, WB250-100I, WP100I, WCHN200, WCPV-020I,
WCPV-100I, WCPV-160I

Intended uses Water microbiology.

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Australia +(61)-290372994
New Zealand +(64)-98010034
Singapore +(65)-31581349
South Africa 0-800-983-611
United Kingdom +(44)-870-8200418

2. HAZARDS IDENTIFICATION

GHS Classification
Not a hazardous substance according to GHS.

Classification according to Regulation (EC) No 1272/2008
Not a hazardous substance or mixture according to Regulation (EC) No 1272/2008.

Classification according to EU Directives 67/548/EEC or 1999/45/EC
This substance is not classified as dangerous according to Directive 67/548/EEC.

Other hazards – none

3. COMPOSITION/INFORMATION ON INGREDIENTS

<table>
<thead>
<tr>
<th>Substance</th>
<th>CAS-No.</th>
<th>EC-No.</th>
<th>Index-No.</th>
<th>RTECS-No.</th>
<th>Concentration</th>
</tr>
</thead>
<tbody>
<tr>
<td>Ammonium sulfate</td>
<td>7783</td>
<td>231</td>
<td>-</td>
<td>BS4500000</td>
<td>-</td>
</tr>
</tbody>
</table>

4. FIRST AID MEASURES

Description of first aid measures
IF INHALED: Remove victim to fresh air and keep at rest in a position comfortable for breathing.
IF ON SKIN: Wash with plenty of soap and water. If skin irritation occurs: Get medical advice/attention.
IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to
do. Continue rinsing. If eye irritation persists: Get medical advice/attention.
IF SWALLOWED: Rinse mouth.

Most important symptoms and effects, both acute and delayed
To the best of our knowledge, the chemical, physical, and toxicological properties have not been thoroughly investigated.

Print Date: 7/15/2015
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98-0001563-00

Indication of any immediate medical attention and special treatment needed
no data available

5. FIRE FIGHTING MEASURES

Suitable extinguishing media
Use extinguishing measures that are appropriate to the local circumstance and the surrounding environment.

Special hazards arising from the substance or mixture
Carbon oxides, Nitrogen oxides.

Advice for firefighters
Wear self contained breathing apparatus for firefighting if necessary.

Further information
no data available

6. ACCIDENTAL RELEASE MEASURES

Personal precautions, protective equipment and emergency procedures
Use personal protective equipment as required. Wash hands thoroughly after handling.

Environmental precautions
No special environmental precautions required.

Methods and materials for containment and cleaning up
Sweep up and shovel. Keep in suitable, closed containers for disposal.

Reference to other sections
For disposal see section 13.

7. HANDLING AND STORAGE

Precautions for safe handling
Wash hands thoroughly after handling.

Conditions for safe storage
Keep container tightly closed. Containers which are opened must be carefully resealed and kept upright to prevent leakage.

Specific end use(s)
Water microbiology.

8. EXPOSURE CONTROLS / PERSONNAL PROTECTION

Control parameters
Contains no substances with occupational exposure limits.

Exposure Controls
Handle in accordance with good industrial hygiene and safety practice.

Personal protective equipment
Respiratory protection No special protective equipment required.
Skin protection Handle with gloves.
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Eye/Face protection  No special protective equipment required.
Body protection   No special protective equipment required.

9. PHYSICAL AND CHEMICAL PROPERTIES

Form      solid
Color (Colour)     white
Odor (Odour)     no data available
Odor Threshold  no data available
pH      not applicable
Melting point  no data available
Initial boiling point    no data available
Flash point  not applicable
Evaporation rate  no data available
Flammability   not applicable
Upper/lower flammability or explosive limits no data available
Vapor (Vapour) pressure no data available
Vapor density  no data available
Relative density  no data available
Water solubility  soluble
Partition coefficient: n-octanol/water  no data available
Autoignition temperature  no data available
Decomposition temperature  no data available
Viscosity  no data available
Explosive properties    no data available
Oxidizing properties    no data available

10. STABILITY AND REACTIVITY

Reactivity no data available
Chemical stability  Stable under recommended storage conditions.
Possibility of hazardous reactions  no data available
Conditions to avoid    no data available
Incompatible materials  Oxidizing agents
Hazardous decomposition products Carbon oxides, Nitrogen oxides.

11. TOXICOLOGICAL INFORMATION

Ammonium sulfate

<table>
<thead>
<tr>
<th></th>
<th>LD50 Oral – rat – 2,840 mg/kg</th>
</tr>
</thead>
<tbody>
<tr>
<td>Skin corrosion/irritation</td>
<td>Skin - rabbit - No skin irritation</td>
</tr>
<tr>
<td>Serious eye damage/eye irritation</td>
<td>Eyes - rabbit - No eye irritation</td>
</tr>
<tr>
<td>Respiratory or skin sensitization</td>
<td>no data available</td>
</tr>
<tr>
<td>Germ cell mutagenicity</td>
<td>no data available</td>
</tr>
</tbody>
</table>

Carcinogenicity  IARC: No component of this product present at levels greater than or equal to 0.1% is identified as probable, possible or confirmed human carcinogen by IARC.

Reproductive toxicity  no data available
Specific Target Organ Toxicity –Single Exposure  no data available
Specific Target Organ Toxicity –Repeated Exposure  no data available
12. ECOLOGICAL INFORMATION

Ammonium sulfate

<p>| | |</p>
<table>
<thead>
<tr>
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</tr>
</thead>
<tbody>
<tr>
<td>Toxicity to fish</td>
<td>LC50 - Oncorhynchus mykiss (rainbow trout) - 36.7 mg/l - 96 h</td>
</tr>
<tr>
<td>Toxicity to daphnia and other aquatic invertebrates</td>
<td>LC50 - Daphnia magna (Water flea) - 433 mg/l - 50 h</td>
</tr>
<tr>
<td>Toxicity to algae</td>
<td>no data available</td>
</tr>
<tr>
<td>Persistence and degradability</td>
<td>no data available</td>
</tr>
<tr>
<td>Bioaccumulative potential</td>
<td>no data available</td>
</tr>
<tr>
<td>Mobility in soil</td>
<td>no data available</td>
</tr>
<tr>
<td>PBT and vPvB assessment</td>
<td>no data available</td>
</tr>
</tbody>
</table>

13. DISPOSAL CONSIDERATIONS

Waste treatment methods

Product: Offer surplus and non-recyclable solutions to a licensed disposal company.
Contaminated packaging: Dispose of as unused product.
EWC: 16 05 09

Dispose of contents in accordance with local/regional/national/international regulations.

14. TRANSPORT INFORMATION

DOT (US): Not a dangerous good
ADR/RID: Not a dangerous good
IMDG: Not a dangerous good
ICAO/IATA: Not a dangerous good

15. REGULATORY INFORMATION

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

Germany (WGK): 1

16. OTHER INFORMATION

HMIS Rating
Health hazard: 0
Flammability: 0
Physical hazard: 0