

**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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**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**

Substance	CAS-No.	EC-No.	Index-No.	RTECS-No.	Concentration
Ammonium sulfate	7783-20-2	231-984-1	-	BS4500000	-

**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.

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### Indication of any immediate medical attention and special treatment needed

no data available

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## 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

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## 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.

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## 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.

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## 8. EXPOSURE CONTROLS / PERSONAL 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**

Acute toxicity	LD50 Oral – rat – 2,840 mg/kg
Skin corrosion/irritation	Skin - rabbit - No skin irritation
Serious eye damage/eye irritation	Eyes - rabbit - No eye irritation
Respiratory or skin sensitization	no data available
Germ cell mutagenicity	no data available
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

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Aspiration hazard	no data available
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**12. ECOLOGICAL INFORMATION****Ammonium sulfate**

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

**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.

Ammonium sulfate  
Germany (WGK) 1

**16. OTHER INFORMATION**

HMS Rating  
Health hazard 0 Flammability 0 Physical hazard 0