

**SAFETY DATA SHEET**

Colisure 98-13159-00, 98-13174-00, 98-27709-00

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

Product name(s) Colisure  
Product code(s) 98-13159-00, 98-13174-00, 98-27709-00  
WCLS-20I, WCLS-200I, WCLS-100I  
Identified uses Water microbiology

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**2. HAZARDS IDENTIFICATION****Classification of mixture****GHS Classification**

Skin Irritation, Category 3  
Pictogram No Symbol  
Signal Word Warning  
Hazard statement(s) H316 Causes mild skin irritation.  
Precautionary statement(s) P332+P313 If skin irritation occurs: Get medical advice/attention.

**Classification according to Regulation (EC) No1272/2008**

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.

**Label elements**

The product does not need to be labeled in accordance with EC directives or respective national laws.

**Other hazards - none****3. COMPOSITION/INFORMATION ON INGREDIENTS**

Substance	CAS-No.	EC-No.	Index-No.	RTECS-No.	Concentration
Sodium phosphate	7558-79-4	231-448-7	-	WC4500000	< 99%
Zinc sulfate	7446-20-0	231-793-3	030-006-00-9	ZH5300000	< 1 %

**4. FIRST AID MEASURES****Description of first aid measures**

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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.

Zinc sulfate - Zinc oxide dust or fume can irritate the respiratory tract. Prolonged skin contact can produce a severe dermatitis called oxide pox. Exposure to high levels of dust or fume can cause metallic taste, marked thirst, coughing, fatigue, weakness, muscular pain, and nausea followed by fever and chills. Severe overexposure may result in bronchitis or pneumonia with a bluish tint to the skin., burning sensation, Cough, wheezing, laryngitis, Shortness of breath, Headache, Nausea, Vomiting, airway resistance, Cardiovascular effects., pulmonary edema, congestive heart failure.

**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 water spray, alcohol-resistant foam, dry chemical or carbon dioxide.

**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**

The product itself does not burn.

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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. Avoid dust formation.

**Environmental precautions**

Avoid release to the environment.

**Methods and materials for containment and cleaning up**

Pick up and arrange for disposal without creating dust. 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**

Use personal protective equipment as required. Wash hands thoroughly after handling. Avoid dust formation.

**Conditions for safe storage**

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Store in a well-ventilated place. Keep container tightly closed. Containers which are opened must be carefully resealed and kept upright to prevent leakage.

**Specific end use**

Water microbiology.

**8. EXPOSURE CONTROLS / PERSONAL PROTECTION****Control parameters**

Contains no substances with occupational exposure limit values.

**Exposure controls**

Handle in accordance with good industrial hygiene and safety practice. Do not get in eye, on skin, or on clothing.

**Personal protective equipment**

Respiratory protection In case of inadequate ventilation, wear respiratory protection.

Skin protection Handle with gloves.

Eye/face protection Safety glasses.

Body protection Wear protective clothing.

**9. PHYSICAL AND CHEMICAL PROPERTIES**

Form	powder
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.

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**11. TOXICOLOGICAL INFORMATION**

**Sodium phosphate**

Acute toxicity	no data available
Skin corrosion/irritation	Skin - rabbit - Mild skin irritation - 24 h
Serious eye damage/eye irritation	no data available
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
Aspiration hazard	no data available

**Zinc sulfate**

Acute toxicity	LD50 Oral - rat - 2,150 mg/kg
Skin corrosion/irritation	no data available
Serious eye damage/eye irritation	Eyes - rabbit - Moderate eye irritation - Draize Test
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
Aspiration hazard	no data available

**12. ECOLOGICAL INFORMATION**

**Sodium phosphate**

Toxicity to fish	no data available
Toxicity to daphnia and other aquatic invertebrates	no data available
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

**Zinc sulfate**

Toxicity to fish	mortality LC50 - other fish - 1 - 10 mg/l - 96.0 h
Toxicity to daphnia and other aquatic invertebrates	no data available
Toxicity to algae	no data available

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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.

	Sodium phosphate	Zinc sulfate
Germany (WGK)	1	3

**16. OTHER INFORMATION****HMS Rating**

Health hazard 1 Flammability 0 Physical hazard 0