

1. Identification of the substance/preparation and of the company/undertaking

Identification of the substance or preparation	Algides Ultra
Identified uses	ready-for-use solution for the disinfection and cleaning of dental casting and moulding materials
Manufacturer/distributor	Müller-Omicron GmbH & Co. KG Schlosserstr. 1; DE-51789 Lindlar Germany Phone +49 2266 4742-0
Department responsible for information Information contact	GBK Gefahrgutbüro GmbH sds@gbk-ingelheim.de
Emergency telephone	+49 6132-84463
E-mail (competent person)	sds@gbk-ingelheim.de

2. Hazards identification

Informations pertaining to special dangers for human and environment

The preparation is not dangerous in the sense of guideline 1999/45/EG.

3. Composition / information on ingredients

Chemical characterization (mixture)
Aqueous disinfectant solution with tensides

4. First Aid Measures

(for additional information see chapter 16: Other information)

General Advice

Remove contaminated soaked clothing immediately.
In case of unwellness, seek medical advice.

In case of inhalation

In case of inhalation of decomposition products, affected person should be moved into fresh air and kept still. Consult a physician if problems persist.

In case of skin contact

Wash off immediately with soap and plenty of water.
In case of skin irritation, consult a physician.

In case of eye contact

Rinse immediately with plenty of water, also under the eyelids.
Consult a physician, if symptoms persist.

In case of ingestion

Do not induce vomiting. Seek medical advice and show the container or label.
Attention in case of vomiting! Danger of suffocation caused by foaming ingredients.
Rinse mouth with water. Drink plenty of water.
The decision whether to provoke vomiting is to be taken by a physician.

5. Fire-fighting measures
(for additional information see chapter 16: Other information)

Suitable extinguishing media

Product itself does not burn. Co-ordinate fire-fighting measures to the fire surroundings.

Extinguishing media which must not be used for safety reasons

High volume water jet

Special exposure hazards arising from the substance or preparation itself, combustion products or resulting gases

In case of fire may be liberated:

Carbon monoxide (CO), carbon dioxide (CO₂).

Special protective equipment for fire-fighters

Wear self-contained breathing apparatus.

Further information

Cool containers at risk with water spray jet.

Combustion residues and fire water have to be disposed according to the local official regulations.

6. Accidental release measures
(for additional information see chapter 16: Other information)

Personal precautions

Attention, danger of slipping!

Avoid contact with skin, eyes and clothing.

Wear personal protection equipment.

Environmental precautions

Do not allow to enter drains/surface water/ground-water.

Methods for cleaning up

Soak up with inert absorbent material (e.g. sand, silica gel, acid binder, universal binder).

Take up mechanically, placing in appropriate containers for disposal.

7. Handling and storage
(for additional information see chapter 16: Other information)

Handling

Advice on safe handling

Keep container tightly closed.

Use only in well ventilated areas.

Avoid contact with skin, eyes and clothing.

Precautions against fire and explosion:

No special fire protection measures are necessary.

Keep at temperatures between 5 °C and 40 °C.

Storage

Requirements for storage rooms and vessels

Keep containers tightly closed in a dry and well-ventilated place.

Hints on storage assembly

Incompatible with oxidising agents.

Further information on storage conditions

Keep away from food, drink and animal feeding stuffs.

Storage class (VCI) 12

8. Exposure controls / personal protection
(for additional information see chapter 16: Other information)

Exposure controls

Occupational exposure controls

Ensure adequate ventilation, especially in confined areas.

General health and safety measures

Wash hands before breaks and immediately after handling the product.

When using product, do not eat, drink or smoke.

Avoid contact with eyes and skin.

Remove contaminated clothing and wash before reuse.

Respiratory Protection

No personal respiratory protective equipment normally required.

Hand protection

Suitable protective gloves:

This recommendation is solely based on the chemical compatibility and the test after EN 374 under laboratory conditions. According to the use varying requirements may develop. Therefore the recommendations of the protective glove distributor have to be considered additionally.

Material	Thickness of the glove material	Breakthrough time (maximal wear duration)
CR (polychloroprene, chloroprene rubber)	0.5 mm	> = 8 h
NBR (nitrile rubber)	0.35 mm	> = 8 h
Butyl (butyl rubber)	0.5 mm	> = 8 h
FKM (fluoro rubber)	0.4 mm	> = 8 h
PVC (polyvinyl chloride)	0.5 mm	> = 8 h

Eye protection

Safety goggles with side protection.

Body protection

Long sleeved clothing.

9. Physical and chemical properties

General information

Physical state liquid
Colour light blue
Odour perfumed

Important health, safety and environmental information

Safety relevant basis data

pH - Value (20 °C)	4 – 6.5
Change in physical state	
Melting point	< -10 °C
Boiling point	ca. 100 °C
Flash point	n. a.
Flammability	
Explosion limits lower	n. a.
Ignition temperature	n. a.
Specific gravity (20°C)	ca. 1,01 g/ml
Viscosity	ca. 9 mPa*s
Solvent content	< 1 %

Other information

Ignition temperature n. d.

- 10. Stability and reactivity**
(for additional information see chapter 16: Other information)

Conditions to avoid

To avoid thermal decomposition, do not overheat.

Additional information

No decomposition if stored and applied as directed.

- 11. Toxicological Information**
(for additional information see chapter 16: Other information)

Experiences made in practice

Other observations

Contact with eyes may cause irritation.
Prolonged contact with skin may cause irritation.
Beware! Hazard of foam aspiration if swallowed.

General remarks

If appropriately handled and if in accordance with the general hygienic rules, no damages to health have become known.

- 12. Ecological Information**
(for additional information see chapter 16: Other information)

Persistence and degradability

The surfactants contained in this preparation comply with the biodegradability criteria as laid down in Regulation (EC) No.648/2004 on detergents. Data to support this assertion are held at the disposal of the competent authorities of the Member States and will be made available to them, at their direct request or at the request of a detergent manufacturer.

General information

Do not flush into surface water or sanitary sewer system.
Water-endangering.

13. Disposal information

Appropriate disposal / Product Recommendation

Where possible recycling is preferred to disposal.
Incineration is possible according to the local official regulations after physical-chemical pre-treatment.

Waste code No.

07 06 99 Wastes from organical-chemical processes; wastes from fats, lubricants, soaps, disinfectants, detergents and hygiene products; wastes not otherwise specified

Appropriate disposal / packaging

Empty containers should be taken to a registered recycling company.
Contaminated packaging is to be emptied optimally, after adequate cleaning it can be disposed to recycling.
Packaging which is impossible to clean is to be disposed like the product.

Recommended material for cleaning

Water.

14. Transport information

Further information

No hazardous material as defined by the transport regulations.

15. Regulatory information

Labelling

According to EC-regulations or the corresponding national regulations the product does not have to be labelled.

EU regulations

VOC information < 1 %

National regulations

Störfallverordnung

Not subject to StörfallVO.

**Water hazard class (WGK)
Classification**

2 - water endangering (WGK II)
Classification according VwVwS, Annex 4

16. Other information

Additional information

Data of items 4 to 8, as well as 10 to 12, do partly not refer to the use and the regular employing of the product (in this sense consult information on use and on product), but to liberation of major amounts in case of accidents and irregularities. The information describes exclusively the safety requirements for the product(s) and is based on the present level of knowledge. It does not constitute a guarantee for the characteristics of the described product(s) as defined by the legal warranty regulations. The delivery specifications are contained in the corresponding product sheet.

(n.a. - not applicable, n.d. - not determined)

(The data of the hazardous substances are based on the current material data safety sheets of the supplier.)