

SAFETY DATA SHEET



UNIQ[®] FLOW 384 S

Version 3.6 EU

Revision Date: 2019.12.06

Print Date: 2019.12.06

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

UNIQ[®] FLOW 384 S

Use: industrial chemicals

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Emergency information:

Emergency number:

Tel: +86 21 5433 6481

2. Hazards Identification

2.1 Classification of the substance or mixture

Classification (REGULATION (EC) No 1272/2008)

Not a hazardous substance or mixture.

Classification (67/548/EEC, 1999/45/EC)

Not a hazardous substance or mixture according to EC-directives 67/548/EEC or 1999/45/EC.

2.2 Label elements

Labelling (REGULATION (EC) No 1272/2008)

Not a hazardous substance or mixture

2.3 Other hazards

This substance/mixture contains no components considered to be either persistent, bioaccumulative and toxic (PBT), or very persistent and very bioaccumulative (vPvB) at levels of 0.1% or higher.

3. Composition/Information on Ingredients

3.1 Mixtures

Chemical nature: Modified polyacrylic ester

Hazardous components

No hazardous ingredients

4. First-Aid Measures

4.1 Description of first aid measures

General advice:

Move out of dangerous area.

Show this safety data sheet to the doctor in attendance.

Symptoms of poisoning may appear several hours later.

Do not leave the victim unattended.

If inhaled:

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If unconscious place in recovery position and seek medical advice. If symptoms persist, call a physician.

In case of skin contact:

If skin irritation persists, call a physician.

If on skin, rinse well with water.

If on clothes, remove clothes.

In case of eye contact:

Immediately flush eye(s) with plenty of water.

Remove contact lenses.

Protect unharmed eye.

Keep eye wide open while rinsing.

If eye irritation persists, consult a specialist.

If swallowed:

Keep respiratory tract clear.

Do not induce vomiting.

Do not give milk or alcoholic beverages.

Never give anything by mouth to an unconscious person.

If symptoms persist, call a physician.

Take victim immediately to hospital.

4.2 Most important symptoms and effects, both acute and delayed

Symptoms: No information available.

Risks: No information available.

4.3 Indication of any immediate medical attention and special treatment needed

Treatment: No information available.

5. Fire-Fighting Measures

5.1 Extinguishing media

Suitable extinguishing media:

Alcohol-resistant foam

Carbon dioxide (CO₂)

Dry chemical

Unsuitable extinguishing media: High volume water jet

5.2 Special hazards arising from the substance or mixture

Specific hazards during firefighting: Do not allow run-off from fire-fighting to enter drains or water courses.

Hazardous combustion products: Carbon oxides

5.3 Advice for firefighters

Special protective equipment

Wear self-contained breathing apparatus for firefighting, for firefighters if necessary.

Further information:

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Collect contaminated fire extinguishing water separately. This must not be discharged into drains. Fire residues and contaminated fire extinguishing water must be disposed of in accordance with local regulations.

For safety reasons in case of fire, cans should be stored separately in closed containments.

Use a water spray to cool fully closed containers.

6. Accidental Release Measures

6.1 Personal precautions, protective equipment and emergency procedures

Personal precautions: Use personal protective equipment.

6.2 Environmental precautions

Environmental precautions: If the product contaminates rivers and lakes or drains inform respective authorities.

6.3 Methods and materials for containment and cleaning up

Methods for cleaning up:

Wipe up with absorbent material (e.g. cloth, fleece).

Keep in suitable, closed containers for disposal.

6.4 Reference to other sections

For disposal considerations see section 13, For personal protection see section 8.

7. Handling and Storage

7.1 Precautions for safe handling

Advice on safe handling:

For personal protection see section 8.

Smoking, eating and drinking should be prohibited in the application area.

Advice on protection against fire and explosion:

Normal measures for preventive fire protection

Hygiene measures:

General industrial hygiene practice.

7.2 Conditions for safe storage, including any incompatibilities

Requirements for storage areas and containers:

Electrical installations / working materials must comply with the technological safety standards.

Advice on common storage:

No materials to be especially mentioned

7.3 Specific end use(s)

Specific use(s) : No data available

8. Exposure Controls/Personal Protection

8.1 Control parameters:

Contains no substances with occupational exposure limit values.

8.2 Exposure controls

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Personal protective equipment

Hand protection:

Material: PVC disposable gloves

Break through time: 120 min

Remarks: The suitability for a specific workplace should be discussed with the producers of the protective gloves.

Eye protection: Safety glasses

Skin and body protection: Impervious clothing

Choose body protection according to the amount and concentration of the dangerous substance at the work place.

Respiratory protection:

In the case of vapour formation, use a respirator with an approved filter.

Environmental exposure controls

General advice:

Prevent product from entering drains.

Prevent further leakage or spillage if safe to do so.

If the product contaminates rivers and lakes or drains, inform respective authorities.

9. Physical and Chemical Properties

9.1 Information on basic physical and chemical properties

Appearance:	Liquid
Color:	Clear Colorless
Odor:	Slight, characteristic
pH:	No data available
Flash point:	No data available
Evaporation rate:	No data available
Upper explosion limit:	No data available
Lower explosion limit:	No data available
Relative vapour density:	No data available
Relative density:	No data available
Density:	1.0 g/cm ³ (20,00 °C)
Bulk density:	Not applicable
Solubility(ies)	
Water solubility:	No data available
Solubility in other solvents:	No data available
Partition coefficient: noctanol/water:	No data available
Decomposition temperature:	No data available
Viscosity (Viscosity, kinematic):	No data available

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9.2 Other information

Surface tension: No data available

10. Stability and Reactivity

10.1 Reactivity

Stable at normal ambient temperature and pressure.

10.2 Chemical stability

No decomposition if stored and applied as directed.

10.3 Possibility of hazardous reactions

Hazardous reactions:

No decomposition if stored and applied as directed.

Vapours may form explosive mixture with air.

10.4 Conditions to avoid

Conditions to avoid: Heat, flames and sparks.

10.5 Incompatible materials

Materials to avoid: Strong oxidizing agents

10.6 Hazardous decomposition products

Oxycarbide

11. Toxicological Information

11.1 Information on toxicological effects

Acute toxicity

Acute oral toxicity: No data available

Skin corrosion/irritation: No data available

Serious eye damage/eye irritation: No data available

Respiratory or skin sensitization: No data available

12. Ecological Information

12.1 Toxicity

Toxicity to fish: No data available

12.2 Persistence and degradability

Biodegradability: No data available

12.3 Bioaccumulative potential

Bioaccumulation: No data available

12.4 Mobility in soil

No data available

12.5 Results of PBT and vPvB assessment

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12.6 Other adverse effects

Additional ecological information: No data available

13. Disposal Considerations

13.1 Waste treatment methods

Contaminated packaging: Empty containers should be taken to an approved waste handling site for recycling or disposal.

14. Transport Information

14.1 UN number

Not regulated as a dangerous good

14.2 UN proper shipping name

Not regulated as a dangerous good

14.3 Transport hazard class(es)

Not regulated as a dangerous good

14.4 Packing group

Not regulated as a dangerous good

14.5 Environmental hazards

Not regulated as a dangerous good

14.6 Special precautions for user

Not applicable

14.7 Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code

Not applicable for product as supplied.

Land transport

ADR / RID: Not dangerous goods

Sea transport

IMDG: Not dangerous goods

Air transport

IATA-DGR : Not dangerous goods

15. Regulatory Information

15.1 Safety, health and environmental regulations/legislation specific for the substance or mixture

Inventory of Existing Chemical Substances in China (IECSC): All components are listed or exempted.

European Inventory of Existing Commercial Chemical Substances (EINECS) & European List of Notified Chemical Substances (ELINCS): All components are listed or exempted.

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Switzerland List of Toxic Substances (Giftliste 1) & Switzerland Inventory of Notified New Substances (INNS):) : All components are listed or exempted.

Toxic Substance Control Act (TSCA): All components are listed or exempted.

Canada Domestic Substances List (DSL) & Canada Non-Domestic Substances List (NDSL): All components are listed or exempted.

Australia Inventory of Chemical Substances (AICS): All components are listed or exempted.

New Zealand Inventory of Chemicals (NZIoC): All components are listed or exempted.

Japan Chemical Substance Control Law (CSCL) & Japan Industrial Safety and Health Law (ISHL): All components are listed or exempted.

Korean Existing Chemicals List (KECL): All components are listed or exempted.

Philippines Inventory of Chemicals and Chemical Substances (PICCS): All components are listed or exempted.

Taiwan Chemical Substances Inventory(TCSI): All components are listed or exempted.

REACH - Restrictions on the manufacture, placing on the market and use of certain dangerous substances, preparations and articles (Annex XVII): Not applicable

REACH - Candidate List of Substances of Very High Concern for Authorization (Article 59): This product does not contain substances of very high concern (Regulation (EC) No 1907/2006 (REACH), Article 57).

Seveso II - Directive 2003/105/EC amending Council Directive 96/82/EC on the control of major accident hazards involving dangerous substances: Not applicable

15.2 Chemical Safety Assessment

Not applicable

16. Other Information

The information contained herein is based on the present state of our knowledge and does therefore not guarantee certain properties.