

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

Identification of the substance or preparation

Name of product: Airtech Release All Safelease 30

Use of the substance/preparation

Release liquid

Company/undertaking identification

Company name: AIRTECH EUROPE SARL

Street/POB-No.: Z.I. Haneboesch

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Dept. responsible for information:

Telephone: +352-582282-1, E-mail sales@airtech.lu

Emergency telephone

+352 58 2282-1**This number is serviced during office hours.**

2. Hazards identification

Classification according to directive 67/548/EEC or 1999/45/EC:

R 52/53 Harmful to aquatic organisms, may cause long-term adverse effects in the aquatic environment.

Critical hazard to man and environment:

At temperatures above 260°C will generate carbonyl fluoride and hydrogen fluoride (HF).

3. Composition/information on ingredients

Chemical characterization (preparation)

water based PTFE

Labelling for contents according to regulation (EC) No 648/2004, annex 7:

< 5%: nonionic surfactant

Dangerous ingredients:

CAS-No.	EINECS / ELINCS	Chemical name	Content	Classification
7732-18-5	231-791-2	Water	60-75 %	-; R -
9002-84-0	-	Polytetrafluorethylene	< 20 %	-; R -
9002-93-1	-	Octylphenoxy polyethoxyethanol	1-3 %	Xn, N; R 22, 41, 51/53

4. First aid measures

Following inhalation: Move victim to fresh air; if necessary, provide artificial respiration or oxygen.

After skin contact: After contact with skin, wash immediately with soap and plenty of water. Afterwards: Rinse with plenty of water for at least 10 minutes. Seek medical attention if problems persist.

After eye contact: Immediately flush eyes with plenty of flowing water for 10 to 15 minutes holding eyelids apart. Subsequently consult an ophthalmologist.

After swallowing: Give affected person large quantities of water, better milk. Immediately get medical attention.
Never give anything by mouth to an unconscious person.

5. Fire fighting measures

Suitable extinguishing media:

Product is non-combustible. Extinguishing materials should therefore be selected according to surroundings.

Extinguishing media which must not be used for safety reasons:

none

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

May form dangerous gases and vapours in case of fire.

At temperatures above 260°C will generate carbonyl fluoride and hydrogen fluoride (HF).

Special protective equipment for fire-fighters:

Wear a self-contained breathing apparatus and chemical resistant suit.

Additional information:

Do not allow water used to extinguish fire to enter drains, ground or waterways. Treat runoff as hazardous.

6. Accidental release measures

Personal precautions: Avoid contact with skin and eyes.

Environmental precautions:

Do not allow to penetrate into soil, waterbodies or drains.

When released into the environment, alert police and fire brigade.

Methods for cleaning up:

Collect mechanically using liquid-binding material (sand, diatomaceous earth, universal binding agents). Dispose of waste in accordance with local, state, and federal regulations.

Clean using cleansing agents. Do not use solvents.

Additional information:

High slip hazard because of leaking or spilled product.

7. Handling and storage

Handling

Information for safe handling:

Provide adequate ventilation.

When using do not smoke.

Storage

Requirements for storerooms and containers:

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

Protect from exposure to heat, direct sunlight, and cold.

Storage class:

12

8. Exposure controls / Personal protection equipment

Exposure controls

Use local exhaust in the field of the processing equipment. (1 up to 2 m³/min)

See also information in chapter 7, section storage.

Occupational exposure controls

Respiratory protection:

If vapours form, use respiratory protection.

Hand protection:

Rubber or latex gloves according to EN 374. Breakthrough time: > 480 min.

Observe glove manufacturer's instructions concerning penetrability and breakthrough time.

Eye protection: On demand: tightly sealed safety glasses according to EN 166.
General protection and hygiene measures:
When using do not eat, drink or smoke.
Wash hands before breaks and at the end of work.
Eye wash facility must be provided.

9. Physical and chemical properties

Appearance

Physical state: liquid
Colour: greyish-white
Odour: weak, characteristic

Important health, safety and environmental information

Boiling temperature / boiling range: 100 °C
Melting point / melting range: 0 °C
Flash point / flash point range: Material is not combustible.
Density: at 20 °C: 1,10 g/ml
pH value: at 20 °C: >= 9
Solubility in water: at 20 °C: dispersible
Thermal decomposition: >260 °C

10. Stability and reactivity

Materials to avoid: Keep away from metals and halogens.
Hazardous decomposition products: At temperatures above 260°C will generate carbonyl fluoride and hydrogen fluoride (HF).
Thermal decomposition: >260 °C
Additional information: Product is stable under normal storage conditions.

11. Toxicological information

Toxicological Tests:

After skin contact: Prolonged/repetitive skin contact may cause skin defatting or dermatitis.
After eye contact: mild irritant

General remarks

At temperatures above 260°C will generate carbonyl fluoride and hydrogen fluoride (HF).

12. Ecological information

Ecotoxicity

Aquatic toxicity: Harmful to aquatic organisms, may cause long-term adverse effects in the aquatic environment.
Water Hazard Class: 1 = mild water pollutant

Details of elimination

Further details: Product is partially biodegradable.

Additional ecological information

General information: Do not allow to enter ground water, sewage or drains.

13. Disposal considerations**Product**

Waste key number 110199 = Wastes from chemical surface treatment and coating of metals and other materials (eg. galvanic processes, zinc coating processes, pickling processes, etching, phosphatising, alkaline degreasing, anodising)

Recommendation: Waste disposal according to official state regulations.

Contaminated packaging

Waste key number 150110 = packaging containing residues of or contaminated by dangerous substances

Recommendation: Waste disposal according to official state regulations.
Cleaned containers may be recycled.

14. Transport information**Overland transport (ADR/RID)**

Remarks: ADR: not applicable
RID: not applicable

Transport by sea (IMDG)

Remarks: not applicable

Air transport (IATA)

Remarks: Not restricted

Additional information

Not a hazardous material with respect to transportation regulations.

15. Regulatory information**Labelling (67/548/EEC or 1999/45/EC)**

Code letter and hazard symbol:

not applicable

R phrase(s): R 52/53 Harmful to aquatic organisms, may cause long-term adverse effects in the aquatic environment.

S phrase(s): not applicable

National regulations**National regulations - Germany**

Storage class: 12

Water Hazard Class: 1 = mild water pollutant

National regulations - EC member states

Volatile organic compounds (VOC):

0 % by weight

National regulations - USA

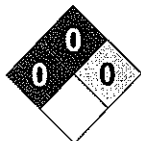
Hazard rating systems

NFPA Hazard Rating:

Health: 0 (Minimal)

Fire: 0 (Minimal)

Reactivity: 0 (Minimal)



16. Other information**Further remarks**

R phrase(s): R 22 = Harmful if swallowed.
R 41 = Risk of serious damage to eyes.
R 51/53 = Toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment.
R 52/53 = Harmful to aquatic organisms, may cause long-term adverse effects in the aquatic environment.

Reason of change: Changes in section 3: Changes in labelling CAS 9002-93-1
Changes in section 2+15: Changes in labelling + R52/53
General revision: REACH

Group that issues data sheet

Contact person: see chapter 1, department responsible for information.

This data sheet cannot cover all possible situations which the user may experience during processing. Each aspect of your operation should be examined to determine if, and which additional precautions may be necessary. All health and safety information contained in this data sheet should be provided to your employees and customers. It is your responsibility to develop appropriate workplace instructions and training programmes for employees.

As the conditions and methods of use are beyond our control, we do not assume any responsibility and expressly disclaim any liability for any use of this product. The information supplied on this safety data sheet complies with our current level of knowledge as well as with national and EU regulations. All statements or suggestions are made without warranty, expressed or implied, regarding accuracy of information, the hazards connected with the use of the product or the results to be obtained from the use thereof.