

SECTION 1: Identification of the substance/mixture and of the company/undertaking

1.1 Product identifier

Trade name: Airtech Release All Safelease 30

1.2 Relevant identified uses of the substance or mixture and uses advised against

General use: Release agent.

1.3 Details of the supplier of the safety data sheet

Company name: AIRTECH EUROPE SARL

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

Postal Code, city: 4562 Differdange

Luxemburg

WWW: www.airtech.lu

E-mail: sales@airtech.lu

Telephone: +352-582282-1

Telefax: +352-584935

Dept. responsible for information:

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

1.4 Emergency telephone number

Airtech, Telephone: +352-582282-1

SECTION 2: Hazards identification

2.1 Classification of the substance or mixture

Classification according to EC regulation 1272/2008 (CLP)

This mixture is classified as not hazardous.

Classification according to Directive 67/548/EEC or 1999/45/EC

This preparation is classified as not hazardous.

2.2 Label elements

Labelling (CLP)

Hazard statements: not applicable

Precautionary statements: P102 Keep out of reach of children.

Labelling (67/548/EEC or 1999/45/EC)

R phrase(s): not applicable

S phrase(s): S 2 Keep out of the reach of children.

2.3 Other hazards

Upon direct contact with eyes may cause burning, tearing, redness.
Hazardous decomposition products such as Carbonyl difluoride, Hydrofluorocarbons and Hydrogen fluoride may develop with exposure to high temperature.

SECTION 3: Composition / information on ingredients

3.1 Substances: not applicable

3.2 Mixtures

Chemical characterisation: PTFE-dispersion in water.

SECTION 4: First aid measures

4.1 Description of first aid measures

- In case of inhalation: In case of inhalation of decomposition products, affected person should be moved into fresh air and kept still. If breathing is irregular or stopped, administer artificial respiration. Immediately get medical attention.
- In case of skin contact: Remove residues with soap and water. Change contaminated clothing. In case of skin irritation, consult a physician.
- After eye contact: Immediately flush eyes with plenty of flowing water for 10 to 15 minutes holding eyelids apart. In case of troubles or persistent symptoms, consult an ophthalmologist.
- After swallowing: Never give anything by mouth to an unconscious person. Rinse mouth immediately and drink plenty of water. Do not induce vomiting without medical assistance. Consult physician immediately.

4.2 Most important symptoms and effects, both acute and delayed

no data available

4.3 Indication of any immediate medical attention and special treatment needed

Treat symptomatically.

SECTION 5: Firefighting measures

5.1 Extinguishing media

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:

Full water jet.

5.2 Special hazards arising from the substance or mixture

May form dangerous gases and vapours in case of fire.

In case of fire may be liberated: Carbonyl difluoride, hydrofluorocarbons, hydrogen fluoride, carbon monoxide and carbon dioxide

5.3 Advice for firefighters

Special protective equipment for firefighters:

Wear a self-contained breathing apparatus and chemical protective clothing.

Additional information:

Hazchem-Code: -

Cool endangered containers with water spray and, if possible, remove from danger zone.
Use water spray jet to knock down vapours. Do not breathe fumes. Do not allow fire water to penetrate into surface or ground water.

SECTION 6: Accidental release measures

6.1 Personal precautions, protective equipment and emergency procedures

Avoid contact with skin, eyes, and clothing. Avoid formation of aerosols/vapours. Do not breathe vapours. Ensure adequate ventilation, especially in confined areas.

In case of formation of aerosol: Wear protective equipment. Keep away from unprotected people.

6.2 Environmental precautions

Do not allow to penetrate into soil, waterbodies or drains. If necessary notify appropriate authorities.

6.3 Methods and material for containment and cleaning up

Plug leak if safely possible. 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: Special danger of slipping by leaking/spilling product.

6.4 Reference to other sections

Refer additionally to section 8 and 13.

SECTION 7: Handling and storage

7.1 Precautions for safe handling

Advices on safe handling: Provide adequate ventilation, and local exhaust as needed.
Avoid contact with skin, eyes, and clothing.
Avoid formation of aerosols/vapours. Do not breathe vapours.
When using do not eat, drink or smoke.

Precautions against fire and explosion:
Take standard precautions to prevent fire.

7.2 Conditions for safe storage, including any incompatibilities

Requirements for storerooms and containers:
Keep container tightly closed in a cool, well-ventilated place.
Keep container dry. Protect from exposure to heat, direct sunlight, and cold.

Hints on joint storage: Keep away from food and drinks.

Storage class: 12 = Non-combustible liquids

7.3 Specific end use(s)

No information available.

SECTION 8: Exposure controls/personal protection

8.1 Control parameters

Additional information: Contains no substances with occupational exposure limit values.

8.2 Exposure controls

Use local exhaust in the field of the processing equipment.

Personal protection equipment

Occupational exposure controls

Respiratory protection: If vapours form, use respiratory protection.
Use filter type A (= against vapours of organic substances) according to EN 14387.

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Hand protection:	Protective gloves according to EN 374. Glove material: Rubber or latex gloves. Observe glove manufacturer's instructions concerning penetrability and breakthrough time.
Eye protection:	Safety glasses in accordance with EN 166.
Body protection:	Recommended: Wear suitable protective clothing.
General protection and hygiene measures:	Avoid contact with skin, eyes, and clothing. Take off immediately all contaminated clothing. Do not breathe vapours. Wash hands before breaks and after work. Eye wash facility must be provided. When using do not eat, drink or smoke.

SECTION 9: Physical and chemical properties**9.1 Information on basic physical and chemical properties**

Appearance:	Form: liquid Colour: greyish-white
Odour:	weak, characteristic
Odour threshold:	no data available
pH value:	at 20 °C: ≥ 9
Melting point/freezing point:	0 °C
Initial boiling point and boiling range:	100 °C
Flash point/flash point range:	Material is not combustible.
Evaporation rate:	no data available
Flammability:	no data available
Explosive properties:	no data available
Explosion limits:	no data available
Vapour pressure:	no data available
Vapour density:	no data available
Density:	at 20 °C: 1.10 g/mL
Water solubility:	at 20 °C: dispersible
Partition coefficient: n-octanol/water:	no data available
Auto-ignition temperature:	no data available
Thermal decomposition:	>260 °C
Viscosity, dynamic:	no data available
Explosive properties:	no data available
Oxidizing characteristics:	no data available

9.2 Other information

Additional information:	no data available
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SECTION 10: Stability and reactivity**10.1 Reactivity**

Refer to section: Possibility of hazardous reactions.

10.2 Chemical stability

Stable under recommended storage conditions.

10.3 Possibility of hazardous reactions

No hazardous reactions known.

10.4 Conditions to avoid

Excessive heating. Avoid formation of aerosols/vapours.

10.5 Incompatible materials

Keep away from halogens.

10.6 Hazardous decomposition products

In case of fire may be liberated: Carbonyl difluoride, hydrofluorocarbons, hydrogen fluoride, carbon monoxide and carbon dioxide

Thermal decomposition: >260 °C

SECTION 11: Toxicological information**11.1 Information on toxicological effects**

Toxicological effects:

- Acute toxicity (oral): Lack of data.
- Acute toxicity (dermal): Lack of data.
- Acute toxicity (inhalative): Lack of data.
- Skin corrosion/irritation: Lack of data.
- Eye damage/irritation: Lack of data.
- Sensitisation to the respiratory tract: Lack of data.
- Skin sensitisation: Lack of data.
- Germ cell mutagenicity/Genotoxicity: Lack of data.
- Carcinogenicity: Lack of data.
- Reproductive toxicity: Lack of data.
- Effects on or via lactation: Lack of data.
- Specific target organ toxicity (single exposure): Lack of data.
- Specific target organ toxicity (repeated exposure): Lack of data.
- Aspiration hazard: Lack of data.

Symptoms

In case of inhalation:
Inhaling hazardous decomposing products can cause serious health damage.
In case of ingestion: Potential health effects
After contact with skin: Upon direct contact with skin may cause itching and redness.
After eye contact: Upon direct contact with eyes may cause burning, tearing, redness.

SECTION 12: Ecological information**12.1 Toxicity**

Further details: no data available

12.2. Persistence and degradability

Further details: Product is partially biodegradable.

12.3 Bioaccumulative potential

Partition coefficient: n-octanol/water:
no data available

12.4 Mobility in soil

no data available

12.5 Results of PBT and vPvB assessment

no data available

12.6 Other adverse effects

General information: Do not allow to enter into ground-water, surface water or drains.

SECTION 13: Disposal considerations**13.1 Waste treatment methods****Product**Waste key number: 12 01 99 = wastes from shaping and physical and mechanical surface treatment of
metals and plastics: Wastes not otherwise specified

Recommendation: Dispose of waste according to applicable legislation.

Contaminated packagingRecommendation: Dispose of waste according to applicable legislation.
Non-contaminated packages may be recycled.. Do not remove label until container is
thoroughly cleaned.**SECTION 14: Transport information****14.1 UN number**

ADR/RID, IMDG, IATA: not applicable

14.2 UN proper shipping name

ADR/RID, IMDG, IATA: Not restricted

14.3 Transport hazard class(es)

ADR/RID, IMDG, IATA: not applicable

14.4 Packing group

ADR/RID, IMDG, IATA: not applicable

14.5 Environmental hazards

Marine pollutant: No

14.6 Special precautions for user

No dangerous good in sense of these transport regulations.

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

no data available

SECTION 15: Regulatory information**15.1 Safety, health and environmental regulations/legislation specific for the substance or mixture****National regulations - Great Britain**

Hazchem-Code: -

15.2 Chemical Safety Assessment

For this mixture a chemical safety assessment is not required.

SECTION 16: Other information**Further information**

Reason of change: Changes in section 3: Information on ingredients
General revision

Department issuing data sheet

Contact person: see section 1: Dept. responsible for information

For abbreviations and acronyms, see: ECHA Guidance on information requirements and chemical safety assessment, chapter R.20 (Table of terms and abbreviations).

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.

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