

## 1. Product and company identification

### Product identifier

Trade name: Release All® Safelease 30

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

General use: Release agent.

### Details of the supplier of the safety data sheet

Company name: AIRTECH EUROPE SARL

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Luxembourg

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### Emergency phone number

**CHEMTREC EMERGENCY PHONE:**

**International: +1 703-741-5970**

## 2. Hazards identification

### Emergency overview

Appearance: Form: liquid  
Color: grayish-white  
Odor: weak, characteristic  
Classification: This material is classified as not hazardous.

Precautionary statements:  
Keep out of reach of children.

WHMIS:

### Regulatory status

While this material is not considered hazardous by the U.S. OSHA Hazard Communication Standard (29 CFR 1910.1200) and SIMDUT in Canada, this MSDS contains valuable information critical to the safe handling and proper use of the product.

### Hazards not otherwise classified

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.  
see section 11: Toxicological information

## 3. Composition / Information on ingredients

Chemical characterisation: PTFE-dispersion in water.

## 4. 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.

Following 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.

### Most important symptoms and effects, both acute and delayed

no data available

### Information to physician

Treat symptomatically.

## 5. Fire fighting measures

Flash point/flash point range:  
Material is not combustible.

Auto-ignition temperature: no data available

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.

### Specific hazards arising from the chemical

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

Protective equipment and precautions for firefighters:

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

Additional information:

Cool endangered containers with water spray and, if possible, remove from danger zone. Use a water fog to control vapors. Do not breathe fumes. Do not allow fire water to penetrate into surface or ground water.

## 6. Accidental release measures

Personal precautions:

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

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

Environmental precautions:

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

Methods for clean-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.

## 7. Handling and storage

### Handling

Advices on safe handling:

Provide adequate ventilation, and local exhaust as needed.

Avoid contact with skin, eyes, and clothing.

Avoid the formation of aerosol/vapors. Do not breathe vapors.

When using do not eat, drink or smoke.

Precautions against fire and explosion:

Take standard precautions to prevent fire.

### Storage

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.

## 8. Exposure controls / personal protection

### Engineering controls

Use local exhaust in the field of the processing equipment.  
See also information in chapter 7, section storage.

### Personal protection equipment (PPE)

- Eye/face protection: Tightly sealed goggles according to OSHA Standard - 29 CFR: 1910.133 or ANSI Z87.1-2010.
- Skin protection: Recommended: Wear suitable protective clothing.  
Protective gloves according to OSHA Standard - 29 CFR: 1910.138.  
Glove material: Rubber or latex gloves.  
Observe glove manufacturer's instructions concerning penetrability and breakthrough time.
- Respiratory protection: When vapors form, use respiratory protection.  
Use filter type A (= against vapors of organic substances) according to OSHA Standard - 29 CFR: 1910.134 or ANSI Z88.2.
- General hygiene considerations:  
Avoid contact with skin, eyes, and clothing. Take off immediately all contaminated clothing. Do not breathe vapors.  
Wash hands before breaks and after work. Eye wash facility must be provided. When using do not eat, drink or smoke.

## 9. Physical and chemical properties

### Information on basic physical and chemical properties

- Appearance: Form: liquid  
Color: grayish-white
- Odor: weak, characteristic
- Odor threshold: no data available
- pH value: at 20 °C:  $\geq 9$
- 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
- Explosion limits: no data available
- Vapor pressure: no data available
- Vapor 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
- Additional information: no data available

## 10. Stability and reactivity

- Reactivity: Refer to section: Possibility of hazardous reactions.
- Chemical stability: Stable under recommended storage conditions.
- Possibility of hazardous reactions  
No hazardous reactions known.
- Conditions to avoid: Excessive heating. Avoid the formation of aerosol/vapors.
- Incompatible materials: Keep away from halogens.
- Hazardous decomposition products:  
In case of fire may be liberated: Carbonyl difluoride, hydrofluorocarbons, hydrogen fluoride, carbon monoxide and carbon dioxide
- Thermal decomposition: >260 °C

## 11. Toxicological information

### Toxicological tests

- 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.

## 12. Ecological information

### Ecotoxicity

- Further details: no data available

**Mobility in soil**

no data available

**Persistence and degradability**

Further details: Product is partially biodegradable.

**Additional ecological information**

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

**13. Disposal considerations****Product**

Recommendation: Dispose of waste according to applicable legislation.

**Contaminated packaging**Recommendation: Dispose of waste according to applicable legislation.  
Non-contaminated packages may be recycled.. Do not remove label until container is thoroughly cleaned.**14. Transport information****USA: Department of Transportation (DOT)**

Proper shipping name: Not controlled under DOT

**Canada: Transportation of Dangerous Goods (TDG)**

Shipping name: Not controlled under TDG

**Sea transport (IMDG)**

Proper shipping name: Not restricted

Marine pollutant: No

**Air transport (IATA)**

Proper shipping name: Not restricted

**Further information**

No dangerous good in sense of these transport regulations.

**15. Regulatory information****U.S. Federal Regulations**

Product: All ingredients of this product are listed on the TSCA inventory.

Polytetrafluorethylene: TSCA Inventory: listed; EPA flags XU

TSCA HPVC: not listed

Carcinogen Status:

IARC Rating: Group 3

OSHA Carcinogen: not listed

NTP Rating: not listed

**National regulations - EC member states**

**Labeling (67/548/EEC or 1999/45/EC)**

Code letter and hazard symbol:

not applicable

**16. Other information**

Hazard rating systems:



NFPA Hazard Rating:

Health: 1 (Slight)

Fire: 0 (Minimal)

Reactivity: 0 (Minimal)

HMIS Version III Rating:

Health: 1 (Slight)

Flammability: 0 (Minimal)

Physical Hazard: 0 (Minimal)

Personal Protection: X = Consult your supervisor

HEALTH	1
FLAMMABILITY	0
PHYSICAL HAZARD	0
	X

Reason of change:

Changes in section 1: General revision

**Department issuing data sheet**

Contact person:

see section 1: Dept. 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 programs 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.