

# Trifilon Revo1042

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

### 1.1. Product identifier

**Trade name**

Trifilon Revo1042

**Article No.**

Revo1042-10459-1

**UFI code**

VE81-N0SG-F00N-7DR5

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

**Product type**

Natural fiber reinforced polypropylene

**Relevant identified uses**

Injection moulding of articles

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

**SDS created by**

Trifilon AB

**Supplier**

Trifilon AB

Street address

Flättnaleden 6

611 45 Nyköping

Sweden

Email

info@trifilon.com

### 1.4. Emergency telephone number

+46 (0)72-244 01 00

**Available outside office hours**

No

## SECTION 2: Hazards identification

### 2.1. Classification of the substance or mixture

Classification according to Regulation (EC) No 1272/2008

**Classification**

Skin sensitisation, hazard category 1, sub-category 1A

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### Hazard statements

H317

### 2.2. Label elements

The product does not need labeling in accordance with section 1.3.4.1 in CLP Regulation (EC) No 1272/2008.

### 2.3. Other hazards

The substances in the mixture do not meet the PBT/vPvB criteria according to REACH, annex XIII.

## SECTION 3: Composition/information on ingredients

### 3.2. Mixtures

Chemical name	CAS No. EC No. REACH No. Index No.	Concentration	Classification	H-phrase M factor acute M factor chronic	Note
maleic anhydride	108-31-6 203-571-6 01-2119472428-31-0077 607-096-00-9	>0.001 - <0.1%	Acute Tox. 4 - oral, Skin Corr. 1B, Skin Sens. 1A, Resp. Sens. 1, STOT SE 3 - resp. tract irrit.	H302, H314, H317, H334, H372, EUH071 - -	Skin Sens. 1A; H317: C ≥ 0,001 %

### Product based on

Polypropylene based compound contains recycled polypropylene, natural fibers and additives

### Substance additional information

For full text of Hazard- and EU Hazard-statements: see SECTION 16.

## SECTION 4: First aid measures

### 4.1. Description of first aid measures

#### Inhalation

IF INHALED: Call a doctor if you feel unwell.

#### Skin contact

Wash with plenty of water/soap. In case of skin reactions, consult a physician.

#### Eye contact

Rinse immediately carefully and thoroughly with eye-bath or water.  
If eye irritation persists: Get medical advice/attention.

#### Ingestion

IF SWALLOWED: Call a doctor if you feel unwell.

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

The melted product can cause severe burns.

#### **Skin contact**

May cause an allergic skin reaction.

### 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**

Use extinguishing powder for extinction.

In case of fire: Use foam to extinguish.

In case of fire: Use water to extinguish.

In case of fire: Use carbon dioxide to extinguish.

### 5.2. Special hazards arising from the substance or mixture

Degradation products:

Carbon dioxide

Carbon monoxide

### 5.3. Advice for firefighters

#### **Special protective equipment for fire-fighters**

Self-contained respirator (breathing apparatus)

Protective clothing.

## SECTION 6: Accidental release measures

### 6.1. Personal precautions, protective equipment and emergency procedures

Use personal protection equipment.

### 6.2. Environmental precautions

Discharge into the environment must be avoided.

### 6.3. Methods and material for containment and cleaning up

Sweep up with a clean handbrush and separate from other dust.

### 6.4. Reference to other sections

For further specification, refer to section 8 of the SDS.

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## SECTION 7: Handling and storage

### 7.1. Precautions for safe handling

#### Preventive handling precautions

Use personal protection equipment.

Do not breathe dust.

Avoid: Eye contact

#### General hygiene

Wash hands and face before breaks and after work and take a shower if necessary.

### 7.2. Conditions for safe storage, including any incompatibilities

Keep away from sources of heat (e.g. hot surfaces), sparks and open flames.

Store in a dry place.

### 7.3. Specific end use(s)

No data available

## SECTION 8: Exposure controls/personal protection

### 8.1. Control parameters

No data available

### 8.2. Exposure controls

#### Eye / face protection

Eye glasses

#### Hand protection

Wear protective gloves.

#### Other skin protection

Protective clothing.

#### Respiratory protection

Work in well-ventilated zones or use proper respiratory protection.

## SECTION 9: Physical and chemical properties

### 9.1. Information on basic physical and chemical properties

#### Physical state

Solid

#### Colour

light beige

**Odour**

Weak smell

**Melting point / freezing point**

> 150 °C

**Boiling point or initial boiling point and boiling range**

No data available

**Flammability**

No data available

**Lower and upper explosion limit**

No

**Flash point**

No data available

**Auto-ignition temperature**

No data available

**Decomposition temperature**

> 250 °C

**pH**

> 6.5

**Kinematic viscosity**

No data available

**Solubility**

The substance is not soluble in water.

**Partition coefficient n-octanol/water**

No data available

**Vapour pressure**

No data available

**Density and/or relative density**

≥ 1 g/cm<sup>3</sup>

**Relative vapour density**

No data available

**Particle characteristics**

No data available

**9.2. Other information**

No data available

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## SECTION 10: Stability and reactivity

### 10.1. Reactivity

This material is considered to be non-reactive under normal use conditions.

### 10.2. Chemical stability

The product is chemically stable under recommended conditions of storage, use and temperature.

### 10.3. Possibility of hazardous reactions

No known hazardous reactions.

### 10.4. Conditions to avoid

Keep away from sources of heat (e.g. hot surfaces), sparks and open flames.

### 10.5. Incompatible materials

No data available

### 10.6. Hazardous decomposition products

No data available

## SECTION 11: Toxicological information

### 11.1. Information on hazard classes as defined in Regulation (EC) No 1272/2008

#### **Skin corrosion/irritation**

Based on available data, the classification criteria are not met.

#### **Serious eye damage/irritation**

Based on available data, the classification criteria are not met.

#### **Respiratory or skin sensitisation**

May cause an allergic skin reaction.

#### **Germ cell mutagenicity**

Based on available data, the classification criteria are not met.

#### **Carcinogenicity**

Based on available data, the classification criteria are not met.

#### **Reproductive toxicity**

Based on available data, the classification criteria are not met.

#### **STOT-single exposure**

Based on available data, the classification criteria are not met.

#### **STOT-repeated exposure**

Based on available data, the classification criteria are not met.

#### **Aspiration hazard**

Based on available data, the classification criteria are not met.

**11.2. Information on other hazards**

No data available

**SECTION 12: Ecological information**

**12.1. Toxicity**

No data available

**12.2. Persistence and degradability**

No data available

**12.3. Bioaccumulative potential**

No data available

**12.4. Mobility in soil**

No data available

**12.5. Results of PBT and vPvB assessment**

No data available

**12.6. Endocrine disrupting properties**

No data available

**12.7. Other adverse effects**

No data available

**SECTION 13: Disposal considerations**

**13.1. Waste treatment methods**

**Disposal considerations**

Contain and dispose of waste according to local regulations.

Dispose of waste product or used containers according to local regulations.

**Packaging**

Contain and dispose of waste according to local regulations.

**SECTION 14: Transport information**

**14.1. UN number**

No dangerous good in sense of these transport regulations.

**14.2. UN proper shipping name**

Not applicable

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## 14.3. Transport hazard class(es)

Not applicable

## 14.4. Packing group

Not applicable

## 14.5. Environmental hazards

Not applicable

## 14.6. Special precautions for user

Not applicable

## 14.7. Maritime transport in bulk according to IMO instruments

Not applicable

## SECTION 15: Regulatory information

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

#### National regulations

No data available

### 15.2. Chemical safety assessment

No data available

## SECTION 16: Other information

### Changes to previous revision

Section 1: Identification

### Phrase meaning

Acute Tox. 4 - oral - Acute toxicity, oral, hazard category 4

Skin Corr. 1B - Skin corrosion, hazard category 1B

Skin Sens. 1A - Skin sensitisation, hazard category 1, sub-category 1A

Resp. Sens. 1 - Respiratory sensitisation, hazard category 1

STOT SE 3 - resp. tract irrit. - Specific Target Organ Toxicity — Single exposure, hazard category 3 - respiratory tract irritation

H302 Harmful if swallowed.

H314 Causes severe skin burns and eye damage.

H317 May cause an allergic skin reaction.

H334 May cause allergy or asthma symptoms or breathing difficulties if inhaled.

H372 Causes damage to organs through prolonged or repeated exposure .

EUH071 Corrosive to the respiratory tract.





# SAFETY DATA SHEET

According to Regulation (EC) No 1907/2006

## Trifilon Revo1042

Version number: 3  
Issued: 2023-03-10

### Other

#### Additional information

This data is based on the current state of our information and experience. This material safety data sheet describes our product in terms of safety requirements. Preceding data is not applicable as a warranty of product properties. It is the responsibility of the recipient to observe the existing legal regulations for the use of this product.