

Safety data sheet according to Regulation (EC) 1907/2006

Printing date: 13.04.2021

Date of compilation / revision: 13.04.2021

Version/revision number: 5

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

- **1.1 Product identifier**
- **Trade name: UBE NYLON 5033FDX57**
- **1.2 Relevant identified uses of the substance or mixture**
- **Sector of Use**
SU3 Industrial uses: Uses of substances as such or in preparations at industrial sites
- **Application of the substance / the mixture**
Extrusion
Film, injection moulding
- **Uses advised against**
Uses advised against: MEDICAL APPLICATIONS such as any implantation in the human body or any contact with internal body fluids/tissues are PROHIBITED, since compliance with medical regulations is not assured.
- **1.3 Details of the supplier of the safety data sheet**
UBE Corporation Europe, S.A.U.
Polígono El Serrallo s/n
12100 Grao de Castellón (Spain)
Tel: +34 964 73 80 00
SDS.UBE.EU@ube.com
- **Commercial office:**
UBE Corporation Europe, S.A.U.
Immermannstraße 65B
40210 Dusseldorf (Germany)
Tel: +49 211 178 83 28
- **1.4 Emergency telephone number: +44 (0)1235 239670 (24h/7day)**

SECTION 2: Hazards identification

- **2.1 Classification of the substance or mixture**
- **Classification according to Regulation (EC) No 1272/2008**
The substance is not classified, according to the CLP regulation.
- **2.2 Label elements**
- **Labelling according to Regulation (EC) No 1272/2008** None
- **Hazard pictograms** None
- **Signal word** None
- **Hazard statements** None
- **2.3 Other hazards**
- **Results of PBT and vPvB assessment**
- **PBT:** Not applicable.
- **vPvB:** Not applicable.

SECTION 3: Composition/information on ingredients

- **Description:** Mixture: consisting of the following components.
- **Dangerous components:**

- **Non dangerous components**

24993-04-2	Polyamide 6/66	>99%
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	Others
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	<1%
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SECTION 4: First aid measures

- **4.1 Description of first aid measures**

- **General information:**

Immediately remove any clothing soiled by the product.

Take affected persons out into the fresh air.

Seek medical treatment.

- **After inhalation:**

If exposed to vapors from heating and molding material , remove to fresh air .

If symptoms, coughing and discomfort in nose and throat remain, get medical attention.

- **After skin contact:**

Immediately wash with water and soap and rinse thoroughly.

If redness, itching or burning sensation develops, get medical attention.

After contact with the molten product, cool rapidly with cold water.

Do not pull solidified product off the skin.

Seek medical treatment.

- **After eye contact:**

Immediately flush exposed area with copious amounts of tepid water for at least 15 minutes

If redness, itching or burning sensation develops, do not rub eyes and immediately get medical attention.

- **After swallowing:**

Rinse out mouth and then drink plenty of water.

Do not induce vomiting; call for medical help immediately.

- **4.2 Most important symptoms and effects, both acute and delayed**

At molten state, expected to cause burns to skin.

Irreversible dermatitis will occur if you do not wash affected skin immediately and thoroughly.

- **4.3 Indication of any immediate medical attention and special treatment needed**

Treatment: Treat according to symptoms (decontamination, vital functions), no known specific antidote.

SECTION 5: Firefighting measures

- **5.1 Extinguishing media**

- **Suitable extinguishing agents:**

Water

Fire-extinguishing powder

Carbon dioxide

Use fire extinguishing methods suitable to surrounding conditions.

- **For safety reasons unsuitable extinguishing agents:** Not known

- **5.2 Special hazards arising from the substance or mixture**

In case of fire, the following can be released:

Carbon monoxide (CO)

Carbon Dioxide (CO₂)

Under certain fire conditions, traces of other toxic gases cannot be excluded, e.g.:

Hydrogen cyanide (HCN)

Ammonia (NH₃)

- **5.3 Advice for firefighters**

- **Protective equipment:**

Firefighters should wear appropriate protective equipment

Mouth respiratory protective device.

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- Cool endangered receptacles with water spray.
- Collect contaminated fire fighting water separately. It must not enter the sewage system.

SECTION 6: Accidental release measures**6.1 Personal precautions, protective equipment and emergency procedures**

Stop leak if you can do so without risk

Remove combustible materials

Ensure adequate ventilation

Use personal protective equipment as indicated in paragraph 8

6.2 Environmental precautions: Do not allow to enter sewers/ surface or ground water.**6.3 Methods and material for containment and cleaning up:**

Send for recovery or disposal in suitable receptacles.

Sweep up to prevent slipping on polymer pellets

Dispose contaminated material as waste according to item 13.

6.4 Reference to other sections

See Section 7 for information on safe handling.

See Section 8 for information on personal protection equipment.

See Section 13 for disposal information.

SECTION 7: Handling and storage**7.1 Precautions for safe handling**

Keep away from foodstuffs, beverages and feed.

Immediately remove all soiled and contaminated clothing

Wash hands before breaks and at the end of work.

Do not eat, drink, smoke or sniff while working.

Melted state:

Avoid skin contact with the liquefied material.

Avoid breathing dust/fume/vapours.

Information about fire - and explosion protection: Protect against electrostatic charges.**7.2 Conditions for safe storage, including any incompatibilities****Storage:****Requirements to be met by storerooms and receptacles:**

Store in cool, dry conditions in well sealed receptacles.

Information about storage in one common storage facility: Not required.**Further information about storage conditions:** Protect from heat and direct sunlight.**7.3 Specific end use(s)** No further relevant information available.**SECTION 8: Exposure controls/personal protection****8.1 Control parameters****Ingredients with limit values that require monitoring at the workplace:**

The product does not contain any relevant quantities of materials with critical values that have to be monitored at the workplace.

Additional information: The lists valid during the making were used as basis.

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- **8.2 Exposure controls**
- **Individual protection measures, such as personal protective equipment**
- **General protective and hygienic measures:**
The usual precautionary measures are to be adhered to when handling chemicals. Adequate ventilation should be maintained at handling. Additionally, local exhaust ventilation recommended at melting process.
- **Respiratory protection:**
Not necessary if room is well-ventilated.
Unnecessary under normal processing
Use suitable respiratory protective device in case of insufficient ventilation.
Wear a respirator conforming to EN140 at least with Type A filter.
- **Hand protection**
Molten state:



Protective gloves

Heat protection gloves

- **Material of gloves** Leather gloves
- **Eye/face protection**



Safety glasses

Safety goggles should be worn. At treating hot polymer or molten polymer, face shield should be recommended.

- **Skin and body protection:** Protective work clothing
- **Environmental exposure controls** Prevent the material from spreading into the environment.

SECTION 9: Physical and chemical properties

- **9.1 Information on basic physical and chemical properties**
- **General Information**
- **Colour:** Natural
- **Odour:** Light
- **Melting point/freezing point:** 191-201 °C
- **Boiling point or initial boiling point and boiling range** Undetermined.
- **Flammability** Product is not flammable.
- **Lower and upper explosion limit**
- **Lower:** Not applicable.
- **Upper:** Not applicable.
- **Flash point:** Not applicable.
- **Decomposition temperature:** Not determined.
- **Viscosity:**
- **Dynamic:** 232-255 ml/g
- **Solubility**
- **water:** Insoluble.
- **Partition coefficient n-octanol/water (log value)** Not applicable.

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· Vapour pressure:	Not applicable.
· Density and/or relative density	
· Density at 20 °C:	1.09-1.19 g/cm ³
· 9.2 Other information	
· Appearance:	
· Form:	Pellets
· Important information on protection of health and environment, and on safety.	
· Explosive properties:	Product does not present an explosion hazard.
· Information with regard to physical hazard classes	
· Explosives	None
· Flammable gases	None
· Aerosols	None
· Oxidising gases	None
· Gases under pressure	None
· Flammable liquids	None
· Flammable solids	None
· Self-reactive substances and mixtures	None
· Pyrophoric liquids	None
· Pyrophoric solids	None
· Self-heating substances and mixtures	None
· Substances and mixtures, which emit flammable gases in contact with water	None
· Oxidising liquids	None
· Oxidising solids	None
· Organic peroxides	None
· Corrosive to metals	None
· Desensitised explosives	None

SECTION 10: Stability and reactivity

- **10.1 Reactivity** Stable under ordinary conditions of use and storage.
- **10.2 Chemical stability**
Stable at environment temperature.
The product is stable if stored and handled as prescribed/indicated
- **Thermal decomposition / conditions to be avoided:**
No decomposition if used according to specifications.
- **10.3 Possibility of hazardous reactions**
No hazardous reactions if stored and handled as prescribed/indicated.
- **10.4 Conditions to avoid**
Avoid heat, flames, sparks and other sources of ignition.
Avoid high temperature
- **10.5 Incompatible materials:** Oxidizing agents, acids, bases and reactive agents.
- **10.6 Hazardous decomposition products:**
Carbon monoxide
Carbon dioxide
Hydrogen cyanide (prussic acid)

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Ammonia

SECTION 11: Toxicological information

- **11.1 Information on hazard classes as defined in Regulation (EC) No 1272/2008**
- **Acute toxicity** Based on available data, the classification criteria are not met.
- **LD/LC50 values relevant for classification:** Not available
- **Skin corrosion/irritation** Not classified (Lack of data)
- **Serious eye damage/irritation** Based on available data, the classification criteria are not met.
- **Respiratory or skin sensitisation** Not classified (Lack of data)
- **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.
- **Other information (about experimental toxicology):**
Aspiration hazard: No further relevant information available.
- **Additional toxicological information:**
- **CMR effects (carcinogenicity, mutagenicity and toxicity for reproduction)**
No further relevant information available.
- **11.2 Information on other hazards**

- **Endocrine disrupting properties**

None of the ingredients is listed.

SECTION 12: Ecological information

- **12.1 Toxicity**
- **Aquatic toxicity:** No further relevant information available.
- **12.2 Persistence and degradability** No further relevant information available.
- **12.3 Bioaccumulative potential** No further relevant information available.
- **12.4 Mobility in soil** No further relevant information available.
- **12.5 Results of PBT and vPvB assessment**
- **PBT:** Not applicable.
- **vPvB:** Not applicable.
- **12.6 Endocrine disrupting properties**
For information on endocrine disrupting properties see section 11.
- **12.7 Other adverse effects**
- **Additional ecological information:**
- **General notes:** At present there are no ecotoxicological assessments.

SECTION 13: Disposal considerations

- **13.1 Waste treatment methods**
- **Recommendation**
Must not be disposed together with household garbage. Do not allow product to reach sewage system.
Chemical residues generally count as special waste
Disposal must be made according to official regulations.

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- **Uncleaned packaging:**
- **Recommendation:**
Disposal must be made according to official regulations.
Packaging may contain residues of the product and should be treated accordingly.

SECTION 14: Transport information

<ul style="list-style-type: none"> · 14.1 UN number or ID number · ADR, ADN, IMDG, IATA 	<p>The substance is not classified under transport regulations Not applicable</p>
<ul style="list-style-type: none"> · 14.2 UN proper shipping name · ADR, ADN, IMDG, IATA 	<p>The substance is not classified under transport regulations Not applicable</p>
<ul style="list-style-type: none"> · 14.3 Transport hazard class(es) · ADR, ADN, IMDG, IATA · Class 	<p>The substance is not classified under transport regulations Not applicable</p>
<ul style="list-style-type: none"> · 14.4 Packing group · ADR, IMDG, IATA 	<p>The substance is not classified under transport regulations Not applicable</p>
<ul style="list-style-type: none"> · 14.5 Environmental hazards: · Marine pollutant: 	<p>No</p>
<ul style="list-style-type: none"> · 14.6 Special precautions for user 	<p>Not applicable.</p>
<ul style="list-style-type: none"> · 14.7 Maritime transport in bulk according to IMO instruments 	<p>Not applicable.</p>
<ul style="list-style-type: none"> · UN "Model Regulation": 	<p>Not applicable</p>

SECTION 15: Regulatory information

- **15.1 Safety, health and environmental regulations/legislation specific for the substance or mixture**
- **Additional Information:**
This substance/mixture does not legally require an SDS based on Regulation 1907/2006 (REACH). However, this SDS format, is utilized to supply information required according to Article 32 of REACH.
- **15.2 Chemical safety assessment:** A Chemical Safety Assessment has not been carried out.

SECTION 16: Other information

This information is based on our present knowledge. However, this shall not constitute a guarantee for any specific product features and shall not establish a legally valid contractual relationship.

- **Training hints**
Specific training of workers to comply with the requirements specified in the Safety Data Sheet is required.
- **Department issuing SDS:** Product Liability group

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· **Contact:** Contact with business unit for any issue related to the safety data sheet

· **Abbreviations and acronyms:**

RID: Règlement international concernant le transport des marchandises dangereuses par chemin de fer (Regulations Concerning the International Transport of Dangerous Goods by Rail)

IATA-DGR: Dangerous Goods Regulations by the "International Air Transport Association" (IATA)

ICAO: International Civil Aviation Organisation

ICAO-TI: Technical Instructions by the "International Civil Aviation Organisation" (ICAO)

ADR: Accord relatif au transport international des marchandises dangereuses par route (European Agreement Concerning the International Carriage of Dangerous Goods by Road)

IMDG: International Maritime Code for Dangerous Goods

IATA: International Air Transport Association

GHS: Globally Harmonised System of Classification and Labelling of Chemicals

EINECS: European Inventory of Existing Commercial Chemical Substances

ELINCS: European List of Notified Chemical Substances

CAS: Chemical Abstracts Service (division of the American Chemical Society)

LC50: Lethal concentration, 50 percent

LD50: Lethal dose, 50 percent

PBT: Persistent, Bioaccumulative and Toxic

vPvB: very Persistent and very Bioaccumulative

· *** Data compared to the previous version altered.**

Section 1: Data of the provider of the Safety Data Sheet.