

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

Printing date: 19.04.2016

Date of compilation / revision: 19.04.2016

Version / revision n°: 4

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

- **1.1 Product identifier**
- **Trade name:** UBESTA 3024NUX
- **CAS Number:**
25038-74-8
- **1.2 Relevant identified uses of the substance or mixture**
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.
- **Sector of Use**
SU3 Industrial uses: Uses of substances as such or in preparations at industrial sites
- **Application of the substance / the mixture**
Film, injection moulding
Extrusion
- **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.es

Oficina Comercial:
UBE Corporation Europe, S.A.U
Address: Immermannstrasse 65B D-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

- **CAS No. Description**
25038-74-8 Polyamide 12

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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:**

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 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.

· 4.2 Most important symptoms and effects, both acute and delayed

At molding 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

· **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

Wear self-contained respiratory protective device.

· **Additional information**

Cool endangered receptacles with water spray.

Collect contaminated fire fighting water separately. It must not enter the sewage system.

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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:**
 Sweep up to prevent slipping on polymer pellets
 Send for recovery or disposal in suitable receptacles.
- **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**
 molten state:
 Avoid skin contact with the liquefied material.
 Avoid breathing dust/fume/vapours.
 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.
- **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)** See item 1.2

SECTION 8: Exposure controls/personal protection

- **Additional information about design of technical facilities:**
 Adequate ventilation should be maintained at handling.
 Additionally, local exhaust ventilation recommended at molding process.
- **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.
- **8.2 Exposure controls**
- **Personal protective equipment:**
- **General protective and hygienic measures:**
 The usual precautionary measures are to be adhered to when handling chemicals.
 In accordance with Directive 89/686/EEC on personal protective equipment

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- **Respiratory protection:**
Not necessary if room is well-ventilated.
Melted state:
Wear a respirator conforming to EN140 at least with Type A filter.
- **Protection of hands:**
Melted state:



Protective gloves

Heat protection gloves

- **Material of gloves** Leather gloves
- **Eye protection:**
Safety goggles should be worn. At treating hot polymer or molding, face shield should be recommended



Safety glasses

- **Skin and body protection:** Protective work clothing
- **Limitation and supervision of exposure into the environment**
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

· Appearance:

Form:	Pellets
Colour:	White
· Odour:	Odourless
· Odour threshold:	Not applicable

· pH-value:	Not applicable because it is a solid mixture
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· Change in condition

Melting point/Melting range:	170-180 °C
Boiling point/Boiling range:	Not determined for mixture.

· Flash point:	Not determined for mixture.
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· Flammability (solid, gaseous):	Product is not flammable.
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· Ignition temperature	Not determined for mixture.
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· Decomposition temperature:	Not determined for mixture.
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· Self-igniting:	Not determined for mixture.
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· Danger of explosion:	Product does not present an explosion hazard.
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· Explosion limits:

Lower:	Not determined for mixture.
Upper:	Not determined for mixture.

· Oxidising properties	No oxidising properties
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· Vapour pressure:	Not applicable because it is a solid mixture
· Density at 20 °C:	0.97-1.07 g/cm ³
· Relative density	Not determined for mixture.
· Vapour density	Not applicable because it is a solid mixture
· Evaporation rate	Not applicable because it is a solid mixture
· Solubility in / Miscibility with water:	Insoluble.
· Partition coefficient (n-octanol/water):	Not applicable.
· Viscosity:	
Dynamic:	Not applicable.
Kinematic:	Not applicable because it is a solid mixture
· Solvent content:	
VOC (EC)	0.00 %
· 9.2 Other information	No further relevant information available.

SECTION 10: Stability and reactivity

- **10.1 Reactivity** No additional information available
- **10.2 Chemical stability** The product is stable if stored and handled as prescribed/indicated
- **Thermal decomposition / conditions to be avoided:**
Stable at environment temperature.
No decomposition if used and stored according to specifications.
- **10.3 Possibility of hazardous reactions** No dangerous reactions known.
- **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)
Ammonia

SECTION 11: Toxicological information

- **11.1 Information on toxicological effects**
- **Acute toxicity** Based on available data, the classification criteria are not met.
- **Primary irritant effect:**
- **Skin corrosion/irritation** Not classified (Lack of data)
- **Serious eye damage/irritation** Not classified (Lack of data)
- **Respiratory or skin sensitisation** Not classified (Lack of data)
- **Other information (about experimental toxicology):**
Aspiration hazard: No further relevant information available.
- **Acute effects (acute toxicity, irritation and corrosivity)**
STOT-single exposure: Not available
No further relevant information available.
- **CMR effects (carcinogenity, mutagenicity and toxicity for reproduction)**
- **Germ cell mutagenicity** Based on available data, the classification criteria are not met.

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- **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.

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.
- **Additional ecological information:**
- **General notes:**
Do not allow undiluted product or large quantities of it to reach ground water, water course or sewage system.
- **12.5 Results of PBT and vPvB assessment**
- **PBT:** Not applicable.
- **vPvB:** Not applicable.
- **12.6 Other adverse effects** No further relevant information available.

SECTION 13: Disposal considerations

- **13.1 Waste treatment methods**
- **Recommendation**
Chemical residues generally count as special waste
Must not be disposed together with household garbage. Do not allow product to reach sewage system.
Disposal must be made according to official regulations.
- **Uncleaned packaging:**
- **Recommendation:**
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 · ADR, IATA · ADN, IMDG | The substance is not classified under transport regulations
None |
| <ul style="list-style-type: none"> · 14.2 UN proper shipping name · ADR, ADN, IMDG, IATA | The substance is not classified under transport regulations
None |
| <ul style="list-style-type: none"> · 14.3 Transport hazard class(es) · ADR, IMDG, IATA · Class | None
The substance is not classified under transport regulations |

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· ADN/R Class:	None
· 14.4 Packing group	The substance is not classified under transport regulations
· ADR, IMDG, IATA	None
· 14.5 Environmental hazards:	
· Marine pollutant:	No
· 14.6 Special precautions for user	Not applicable.
· 14.7 Transport in bulk according to Annex II of Marpol and the IBC Code	Not applicable.
· Transport/Additional information:	Not classification assigned
· UN "Model Regulation":	None

SECTION 15: Regulatory information

- **15.1 Safety, health and environmental regulations/legislation specific for the substance or mixture**
- **Directive 2012/18/EU**
- **Named dangerous substances - ANNEX I** Substance is not listed.
- **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.
no obligation to perform SDS since it is not a hazardous substance/mixture
- **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**
Workers don't need to have an specific training to handle the substance.
Specific training of workers to comply with the requirements specified in the Safety Data Sheet is required.
- **Department issuing MSDS:** Product Liability group
- **Contact:** Contact with business unit for any issue related to the safety data sheet
- **Abbreviations and acronyms:**
ADR: Accord européen sur le transport 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
CAS: Chemical Abstracts Service (division of the American Chemical Society)
VOC: Volatile Organic Compounds (USA, EU)
PBT: Persistent, Bioaccumulative and Toxic
vPvB: very Persistent and very Bioaccumulative
- *** Data compared to the previous version altered.** Section 1: Changed name of the company