

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

Printing date: 06.07.2021

Date of compilation / revision: 06.07.2021

Version/revision number: 9

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

- **1.1 Product identifier**
- **Trade name: UBESTA 3030JFX1**
- **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.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 product 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
- **Additional information:**  
 EUH210 Safety data sheet available on request.
- **2.3 Other hazards**
- **Results of PBT and vPvB assessment**
- **PBT:** Not applicable.
- **vPvB:** Not applicable.

### SECTION 3: Composition/information on ingredients

- **3.2 Mixtures**
- **Description:** Mixture: consisting of the following components.

- **Dangerous components:**

CAS: 3622-84-2 EINECS: 222-823-6 Reg.nr.: 01-2119486780-29-0000	N-butylbenzenesulphonamide (BBSA) Aquatic Chronic 3, H412	<15%
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**· Non dangerous components**

24937-16-4	Polyamide 12	>83%
	Others	<2%

**· Additional information:** For the wording of the listed hazard phrases refer to section 16.

### 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 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)

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- **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.

### 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.  
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.  
Do not eat, drink, smoke or sniff while working.  
Immediately remove all soiled and contaminated clothing  
Wash hands before breaks and at the end of work.  
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.  
See item 1.2

### 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.

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**Trade name: UBESTA 3030JFX1**
**· DNEL (workers)**
**3622-84-2 N-butylbenzenesulphonamide (BBSA)**

Inhalative	DNEL (Long-term exposure – systemic effects)	2.5 mg/m <sup>3</sup>
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**· DNEL (general population)**
**3622-84-2 N-butylbenzenesulphonamide (BBSA)**

Oral	DNEL(Systemic effects-Long-term)	0.26 mg/Kg bw/day
Inhalative	DNEL (Systemic effects-Long-term exposure)	0.45 mg/m <sup>3</sup>

**· PNECs**
**3622-84-2 N-butylbenzenesulphonamide (BBSA)**

PNEC(fresh water)	0.037 mg/L
PNEC (marine water)	0.0037 mg/L
PNEC (intermittent release)	0.37 mg/L
PNEC (soil)	0.091 mg/kg d.w
PNEC (STP)	60 mg/L
PNEC (Sediment (freshwater))	0.563 mg/Kg sed
PNEC (sediment (marine water))	0.056 mg/kg sed

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

**· 8.2 Exposure controls**
**· Appropriate engineering controls**

Adequate ventilation should be maintained at handling.

Additionally, local exhaust ventilation recommended at melting process.

**· 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.

**· Respiratory protection:**

Not necessary if room is well-ventilated.

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.

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**Trade name: UBESTA 3030JFX1**

### SECTION 9: Physical and chemical properties

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

##### · General Information

· Colour:	White
· Odour:	Light
· Odour threshold:	Not applicable
· Melting point/freezing point:	-30 °C (BBSA) Not determined for mixture.
· Boiling point or initial boiling point and boiling range	314 °C (a 1013 hPa (BBSA))
· Flammability	Not determined for mixture. BBSA: Product is not flammable.
· Lower and upper explosion limit	
· Lower:	Product does not present an explosion hazard.
· Upper:	Product does not present an explosion hazard.
· Flash point:	>200 °C (Closed cup (BBSA))
· Auto-ignition temperature:	Not determined for mixture. BBSA: No exam necessary because the flash point goes above 200 ° C.
· Decomposition temperature:	Not determined for mixture.
· pH	7.5-8.5 (BBSA) Not applicable because it is a solid mixture
· Viscosity:	
· Kinematic viscosity	Not applicable because it is a solid mixture
· Dynamic at 20 °C:	180 mPas (BBSA)
· Solubility	
· water:	Not miscible or difficult to mix.
· Partition coefficient n-octanol/water (log value) at 20 °C	2.05 log POW (BBSA)
· Vapour pressure at 20 °C:	0.0397 mPa (BBSA)
· Density and/or relative density	
· Density:	Not determined for mixture.
· Relative density at 20 °C	1.15 g/cm <sup>3</sup> (BBSA) Not determined for mixture.
· Vapour density	Not applicable because it is a solid mixture

#### · 9.2 Other information

· Appearance:	No further relevant information available.
· Form:	Pellets
· Important information on protection of health and environment, and on safety.	
· Ignition temperature	Not determined for mixture.
· Explosive properties:	Product does not present an explosion hazard.
· Freezing point	
· Oxidising properties	Not oxidising. (BBSA)
· Evaporation rate	Not applicable because it is a solid mixture

#### · Information with regard to physical hazard classes

· Explosives	None
· Flammable gases	None

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**Trade name: UBESTA 3030JFX1**

· <b>Aerosols</b>	None
· <b>Oxidising gases</b>	None
· <b>Gases under pressure</b>	None
· <b>Flammable liquids</b>	None
· <b>Flammable solids</b>	None
· <b>Self-reactive substances and mixtures</b>	None
· <b>Pyrophoric liquids</b>	None
· <b>Pyrophoric solids</b>	None
· <b>Self-heating substances and mixtures</b>	None
· <b>Substances and mixtures, which emit flammable gases in contact with water</b>	None
· <b>Oxidising liquids</b>	None
· <b>Oxidising solids</b>	None
· <b>Organic peroxides</b>	None
· <b>Corrosive to metals</b>	None
· <b>Desensitised explosives</b>	None
· <b>Molecular mass</b>	(BBSA): 213,3 g/mol

### SECTION 10: Stability and reactivity

· **10.1 Reactivity**

As BBSA: Thermal decomposition can lead to the escape of irritating gases and vapours.

· **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

· **Additional information:**

As BBSA: On burning: release of toxic and corrosive gases/vapours (sulphur oxides).

### 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:**

**3622-84-2 N-butylbenzenesulphonamide (BBSA)**

Oral	LD50	2,070 mg/kg (rat)
Dermal	LD50	>2,000 mg/kg (rat)
Inhalative	LC50/4 h	>4.066 mg/l (rat)

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**Trade name: UBESTA 3030JFX1**

- **Skin corrosion/irritation**  
Based on available data, the classification criteria are not met.  
BBSA: Not classified with the available data.
- **Serious eye damage/irritation**  
Based on available data, the classification criteria are not met.  
No further relevant information available.
- **Respiratory or skin sensitisation** Based on available data, the classification criteria are not met.
- **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:**
- **Acute effects (acute toxicity, irritation and corrosivity)** No further relevant information available.
- **Repeated dose toxicity**  
Based on available data, the classification criteria are not met.

**3622-84-2 N-butylbenzenesulphonamide (BBSA)**

Oral	NOEL	52 mg/kg (rat female) (90 dias) 52 mg/kg (rat male) (90 dias)
Dermal	NOAEL	>1,000 mg/kg bw/day (rat) (28 dias)

**11.2 Information on other hazards**
**Endocrine disrupting properties**

None of the ingredients is listed.

### SECTION 12: Ecological information

**12.1 Toxicity**
**Aquatic toxicity:**
**3622-84-2 N-butylbenzenesulphonamide (BBSA)**

EC50(72h)	49 mg/L (Selenastrum capricornutum)
LC50 (96 h)	>38 mg/l (Danio rerio)
EC50 (48 h)	56 mg/l (daphnia magna)

**12.2 Persistence and degradability**

BBSA:

Not easily biodegradable

**12.3 Bioaccumulative potential**

BBSA: log Pow=2.01 (20-25°C)

No indication of bio-accumulation potential

**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.

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- **12.7 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.  
Disposal must be made according to official regulations.

### SECTION 14: Transport information

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

### SECTION 15: Regulatory information

- **15.1 Safety, health and environmental regulations/legislation specific for the substance or mixture**
- **Chemical safety assessment**  
A chemical safety assesment has been carried out for the substances of mixture and exposure scenarios are attached.
- **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.

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**Trade name: UBESTA 3030JFX1****· 15.2 Chemical safety assessment:**

For the mixture:

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.

**· Relevant phrases**

H412 Harmful to aquatic life with long lasting effects.

**· Training hints** Workers don't need to have an specific training to handle the substance.**· Department issuing SDS:** Product Liability**· Abbreviations and acronyms:**

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)

DNEL: Derived No-Effect Level (REACH)

PNEC: Predicted No-Effect Concentration (REACH)

LC50: Lethal concentration, 50 percent

LD50: Lethal dose, 50 percent

PBT: Persistent, Bioaccumulative and Toxic

vPvB: very Persistent and very Bioaccumulative

Aquatic Chronic 3: Hazardous to the aquatic environment - long-term aquatic hazard – Category 3

**· Sources** Safety data sheets of raw material suppliers.**· \* Data compared to the previous version altered.** Section 2: EUH phrase included.