

# SAFETY DATA SHEET

According to Regulation (EC) No. 453/2010 and No. 830/2015

## 1. IDENTIFICATION OF THE SUBSTANCE/MIXTURE AND OF THE COMPANY/UNDERTAKING

### 1.1 PRODUCT IDENTIFIER

*Trade name:* Agiflex 300 N063

*Product:* PEBA

### 1.2 RELEVANT IDENTIFIED USES OF THE SUBSTANCE OR MIXTURE AND USES ADVISED AGAINST

#### 1.2.1 RELEVANT IDENTIFIED USES

*Main use category:* SU3 Industrial uses: uses of substances as such or in preparations at industrial sites.

*Use of the substance/mixture:* Injection moulding.

#### 1.2.2 USES ADVISED AGAINST

Medical applications like any implanted in the human body or any contact with internal body fluids/tissues are forbidden, as compliance with medical standards is not assured.

### 1.3 DETAILS OF THE SUPPLIER OF THE SAFETY DATA SHEET

*Company name:* Agiplast Italia S.r.l.  
Via Santa Tecla 5 20122 Milano – Italy  
Tel. +39 03 74 87 24 80 - Fax. +39 03 74 87 24 79  
e-mail: info@agiplastitalia.it

### 1.4 EMERGENCY TELEPHONE NUMBER

*Emergency number:* +39 03 74 87 24 80 (Available only during office hours)

## 2. HAZARDS IDENTIFICATION

### 2.1 CLASSIFICATION OF THE SUBSTANCE OR MIXTURE

The product is classified as dangerous according to Directive (EC) No. 67/548/CEE and 1999/45/CE and of Regulation (EC) No.1272/2008 (CLP) (and following corrections). The product requires a safety data sheet complies according to Regulation (EC) No. 1907/2006 and following corrections.

Further information on the risks to health and / or environment are given in sections 11 and 12 of this sheet.

#### 2.1.1 Classification according to Regulation (EC) No. 1272/2008 (CLP)

Not a hazardous substance or mixture according to Regulation (EC) No. 1272/2008 (CLP).

### 2.2 LABEL ELEMENTS

The product does not need to be labeled in accordance to Regulation (EC) No. 1272/2008 (CLP)

### 2.3 OTHER HAZARDS

*PBT and vPvB evaluation results*

PBT: Not applicable

vPvB: Not applicable

## 3. COMPOSITION/INFORMATION ON INGREDIENTS

### 3.1 SUBSTANCES

Not applicable. This product is classified as mixtures.

### 3.2 MIXTURES

*Description:*

Mixture composed of the following ingredients

NAME	PRODUCT IDENTIFIER	%	CLASSIFICATION ACCORDING TO REGULATION (EC) NO.1272/2008 (CLP)
POLYETHER BLOCK AMIDE COPOLYMER	CAS: 77402-38-1	> 98	Not classified
OWNERS		< 2	Not classified

*Further informations*

The full text of hazardous statements (H) is provided in section 16 of this sheet. BBSA is not classified in according to Regulation (EC) No.1272/2008, so according to present knowledge, is considered dangerous and this information was notified to ECHA.

## 4. FIRST AID MEASURES

### 4.1 DESCRIPTION OF FIRST AID MEASURES

*GENERAL ADVICE*

Immediately remove contaminated clothing. Bring people into the fresh air. Seek medical treatment.

*EYE CONTACT*

In case of contact with the hot product, rapidly cool the eyes with cold water. In case of adherence of the product, do not try to pull it out. Treat the wounds like thermal burns. Consult an ophthalmologist.

*SKIN CONTACT*

In case of contact with the hot product, rapidly cool the skin with cold water. In case of adherence of the product, do not try to pull it out. Treat the wounds like thermal burns. Consult a physician.

*INHALATION*

In case of inhalation of hot vapors or decomposition products, move the victim to fresh air, give oxygen or artificial respiration, if necessary. If symptoms persist, consult a physician.

*INGESTION*

Do not induce vomiting. Seek medical attention immediately.

### 4.2 MOST IMPORTANT SYMPTOMS AND EFFECTS, BOTH ACUTE AND DELAYED

For symptoms and effects caused by the contained substances see section 11.

#### 4.3 INDICATION OF ANY IMMEDIATE MEDICAL ATTENTION AND SPECIAL TREATMENT NEEDED

*Treatment:* Information not available.

## 5. FIREFIGHTING MEASURES

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### 5.1 EXTINGUISHING MEDIA

*SUITABLE EXTINGUISHING MEDIA*

Water spray, foam, carbon dioxide (CO<sub>2</sub>)

*NOT SUITABLE EXTINGUISHING MEDIA FOR SAFETY REASON*

No information available.

### 5.2 SPECIAL HAZARDS ARISING FROM THE SUBSTANCE OR MIXTURE

In case of fire can be released: carbon monoxide (CO), carbon dioxide (CO<sub>2</sub>), sulphur dioxide (SO<sub>2</sub>) and hydrogen cyanide (HCn).

### 5.3 ADVICE FOR FIREFIGHTERS

*SPECIAL PROTECTIVE EQUIPMENT FOR FIREFIGHTERS*

In case of fire, use a self-contained breathing apparatus.

### 5.4 OTHER INFORMATION

Cool containers at risk with water jet.

## 6. ACCIDENTAL RELEASE MEASURES

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### 6.1 PERSONAL PRECAUTIONS, PROTECTIVE EQUIPMENT AND EMERGENCY PROCEDURES

Stop or contain leak at the source, if safe to do so.

Remove all ignition sources if safe to do so.

Ensure adequate ventilation.

Promptly sweep or clean to avoid slipping hazard.

Avoid dust formation.

Avoid skin contact and dust inhalation.

Use personal protection, see section 8.

## 6.2 ENVIRONMENTAL PRECAUTIONS

Keep away from drains.

## 6.3 METHODS AND MATERIAL FOR CONTAINMENT AND CLEANING UP

Sweeping or aspiration to avoid slipping hazards.

Keep in suitable, closed containers for disposal.

Disposal of contaminated material in according to section 13.

## 6.4 REFERENCE TO THE OTHER SECTIONS

For information about handling, see section 7.

For information about personal protection, see section 8.

For information about disposal, see section 13.

# 7. HANDLING AND STORAGE

## 7.1 PRECAUTIONS FOR SAFE HANDLING

### *PRECAUTIONS FOR SAFE HANDLING*

Provide adequate ventilation at processing machinery.

Provide water supply point near at hand.

Take measures to prevent static electricity during transfer in metallic installations.

Avoid dust formation.

Ban spark and ignition sources near at hand.

Handle far away from flames.

### *HYGIENE MEASURES*

Do not smoke.

Avoid skin contact and dust inhalation.

## 7.2 CONDITIONS FOR SAFE STORAGE, INCLUDING ANY INCOMPATIBILITIES

### *STORAGE CONDITIONS*

Keep in a dry, cool place in closed containers.

### *INCOMPATIBLE PRODUCTS*

Unnecessary.

### *STORAGE TEMPERATURE*

Keep at a temperature lower than 60°C.

### *STORAGE AREA*

Ban spark and ignition sources near at hand.

Do not smoke.

Not forget to earth all the electrical equipment which could be used in explosive atmosphere.

Protect from heat and direct sunlight.

### *PACKAGING MATERIALS*

3-layer-bags (aluminum, polyethylene) or octabins in cardboard.

### 7.3 SPECIFIC END USE(S)

Information not available.

## 8. EXPOSURE CONTROLS/PERSONAL PROTECTION

Provide adequate ventilation of the facilities, exhaust system for dust and fumes produced during processing operations.

### 8.1 CONTROL PARAMETERS

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

### 8.2 EXPOSURE CONTROLS

#### *SPECIFIC HYGIENE MEASURES*

During processing operations, avoid skin and eye contact and fumes inhalation.

#### *RESPIRATORY PROTECTION*

During processing operations and in case of insufficient ventilation, use self-contained breathing apparatus in according to EN140 with adequate masks and filters type A.

#### *HAND PROTECTION*

During processing operations, wear appropriate safety gloves (recommended by the glove supplier).

#### *EYE PROTECTION*

During processing operations, use appropriate safety glasses (recommended by the glass supplier).

#### *SKIN PROTECTION*

During processing operations, use appropriate safety shoes (recommended by the shoe supplier).

## 9. PHYSICAL AND CHEMICAL PROPERTIES

### 9.1 INFORMATION ON BASIC PHYSICAL AND CHEMICAL PROPERTIES

Physical state	Solid
Appearance	Solid, natural granules
Colour	Natural
Odour	Light
Odour threshold	Not applicable
pH	Not applicable because it is a solid mixture
Melting point	158 – 172 °C for mixture
Boiling point:	No data available for mixture
Flash point:	No data available for mixture
Self-ignition temperature	The granules are not self-igniting
Decomposition temperature	No data available for mixture
Flammability (solid, gas)	Product is not explosive.

Relative vapour density at 20°C	No data available for mixture
Relative density at 20°C	No data available for mixture
Solubility	Soluble: phenol, metacresol, benzylic alcohol, formic acid (concentrated), sulfuric acid (concentrated).
Log pow	No data available for mixture
Viscosity, kinematic	Not applicable because it's a solid mixture.
Viscosity, dynamic 20°C	No data available for mixture
Explosive properties	None
Oxidising properties	None
Explosive limits	Product is not explosive

## 9.2 OTHER INFORMATION

Information not available.

# 10. STABILITY AND REACTIVITY

## 10.1 REACTIVITY

BBSA: thermal decomposition can lead to the escape of irritating gas and vapors.

## 10.2 CHEMICAL STABILITY

Stable product in normal conditions of handling and storage.

## 10.3 POSSIBILITY OF HAZARDOUS REACTIONS

No hazardous reaction known.

## 10.4 CONDITIONS TO AVOID

Do not keep at a temperature higher than 60°C.  
Keep far away from ignition and flames sources.

## 10.5 INCOMPATIBLE MATERIALS

Oxidizing agents, acids, bases and reactive agents.

## 10.6 HAZARDOUS DECOMPOSITION PRODUCTS

Carbon monoxide (CO), carbon dioxide (CO<sub>2</sub>), sulphur dioxide (SO<sub>2</sub>) and hydrogen cyanide (HCN).

# 11. TOXICOLOGICAL INFORMATION

## 11.1 INFORMATION ON TOXICOLOGICAL EFFECTS

Because of its composition, the product can be considered as not very harmful or not harmful by ingestion and not very harmful by skin contact.

### *LOCAL EFFECTS*

No data available, according to our experience:

Inhalation: the decomposition products could be irritant for the respiratory tract.

Skin contact: the decomposition products could be irritant for the skin. Skin contact with the hot product can cause serious burns.

Eye contact: the decomposition product could be irritant for the eyes.

### *CHRONIC TOXICITY*

No special preoccupation.

## 12. ECOLOGICAL INFORMATION

### 12.1 TOXICITY

No polluting.

### 12.2 PERSISTENCE AND DEGRADABILITY

Information not available.

### 12.3 BIOACCUMULATIVE POTENTIAL

No data available about potential for bioaccumulation.

### 12.4 MOBILITY IN SOIL

Information not available.

### 12.5 RESULTS OF PBT AND VPVB ASSESSMENT

*PBT*: Not applicable

*vPvB*: Not applicable

### 12.6 OTHER ADVERSE EFFECTS

Information not available.

## 13. DISPOSAL CONSIDERATIONS

### 13.1 WASTE TREATMENT METHODS

Chemical residues are considered hazardous waste.

Not be disposed with household waste.

Not empty into drains.

Disposal must be in accordance with current applicable laws and regulations, and material characteristics at time of disposal.

#### *Contaminated packaging*

Empty containers may contain product residues.

Disposal must be in accordance with current applicable laws and regulations, and material characteristics at time of disposal.

## 14. TRANSPORT INFORMATION

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### 14.1 UN NUMBER

The substance is not classified under transport regulations

### 14.2 UN PROPER SHIPPING NAME

The substance is not classified under transport regulations.

### 14.3 TRANSPORT HAZARD CLASSES

The substance is not classified under transport regulations.

### 14.4 PACKING GROUP

The substance is not classified under transport regulations.

### 14.5 ENVIRONMENTAL HAZARDS

None.

### 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.

## 15. REGULATORY INFORMATION

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## 15.1 SAFETY, HEALTH AND ENVIRONMENTAL REGULATIONS/LEGISLATION SPECIFIC FOR THE SUBSTANCE OR MIXTURE

Information not available.

## 15.2 CHEMICAL SAFETY ASSESSMENT

Information not available.

## 16. OTHER INFORMATION

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None.

## BIBLIOGRAPHY

1. Directive No.1999/45/CE and following corrections.
2. Directive No. 67/548/CEE and following corrections.
3. Regulation (EC) No.1907/2006 (REACH).
4. Regulation (EC) No.1272/2008 (CLP).
5. Regulation (EC) No.790/2009 (I Atp. CLP).
6. Regulation (EC) No.453/2010.
7. Regulation (EC) No.830/2015.
8. Regulation (EC) No.259/2012/UE.
9. The Merck Index Ed. 10.
10. Handling Chemical Safety.
11. Niosh – Registry of Toxic Effects of Chemical Substances.
12. INRS – Fiche Toxicologique.
13. Patty – Industrial Hygiene and Toxicology.
14. N.I. Sax – Dangerous properties of Industrial Materials – 7 Ed., 1989.
15. ECHA's Agency web site

## USER INFORMATION

This document is valid for the product just as it is, in conformity with the specifications provided by AGIPLAST. In case of preparation or of mixture, make sure that new risks cannot occur.

The information contained in this datasheet is provided in good faith and is based on our more recent knowledge relating to the product into object, at the date of edition of this datasheet.

We draw the attention of the users on the risks, which can be occur when the product is not used ad recommended.

This datasheet should only be used or reproduced for prevention and safety reasons.

The enumeration of the legal, lawful and administrative texts should not be considered as exhaustive.

The consignee has to refer to the official texts in force for the use, the storage and the handling of the product, for which he is responsible.

The user has to provide the people who can be in contact with the product (use, storage, handling, etc.) all information necessary to work safety, health protection and the air protection, in transmitting them a copy of this safety data sheet.

This information is based on our current knowledge and is intended to describe the product for the purposes of health, safety and environmental requirements only. It should not therefore be construed as guaranteeing any specific property of the product.

*Changes to previous review.*

Changes are made to all sections of the sheet.

