

Printing date 24.01.2012

Revision: 24.01.2012

Product	dentifier		
Trade na	me: Biolon		
CAS Nun 25038-59 Relevant		ance or mixture and i	uses advised against
· Applicati	on of the substance / the pre- ermo-forming foil for the prod	eparation	-
• Manufac Dreve De Max-Plar 59423 Ur Tel.: ++4	f the supplier of the safety of curer/Supplier: ntamid GmbH ck-Straße 31 na / Germany 9 2303 /8807-0 9 2303 / 8807-55	lata sheet	
Departme Fax.: ++4 Email: sid • <b>Emergen</b> Tel.: ++4	nformation obtainable from Int Research & Development 9 2303 / 8807-562 herheitsdatenblatt@dreve.de cy telephone number: 9 211 / 797-3350 Department Henkel		

· Classification of the substance or mixture

• Classification according to Regulation (EC) No 1272/2008 The substance is not classified according to the CLP regulation.

Classification according to Directive 67/548/EEC or Directive 1999/45/EC Not applicable.
 Information concerning particular hazards for human and environment: Not applicable.

· Label elements

- · Labelling according to Regulation (EC) No 1272/2008 Void
- · Hazard pictograms Void
- · Signal word Void
- · Hazard statements Void
- · Other hazards
- $\cdot$  Results of PBT and vPvB assessment
- · PBT: Not applicable.
- · vPvB: Not applicable.

## 3 Composition/information on ingredients

- · Chemical characterization: Substances
- · CAS No. Description
- 25038-59-9 Polyethylenterephthalat (PET)

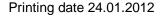
 $\cdot$  Identification number(s) Not applicable.

## 4 First aid measures

 $\cdot$  Description of first aid measures

- · General information: No special measures required.
- · After inhalation: Supply fresh air; consult doctor in case of complaints.

(Contd. on page 2)





Revision: 24.01.2012

#### Trade name: Biolon

(Contd. of page 1)

- After skin contact: Generally the product does not irritate the skin.
- · After eye contact: Rinse opened eye for several minutes under running water.
- $\cdot$  After swallowing: If symptoms persist consult doctor.
- · Information for doctor:
- Most important symptoms and effects, both acute and delayed No further relevant information available.
- Indication of any immediate medical attention and special treatment needed No further relevant information available.

### **5 Firefighting measures**

- · Extinguishing media
- Suitable extinguishing agents: CO2, powder or water spray. Fight larger fires with water spray or alcohol resistant foam.
- Special hazards arising from the substance or mixture No further relevant information available.
- Advice for firefighters
- · Protective equipment: No special measures required.

## 6 Accidental release measures

- Personal precautions, protective equipment and emergency procedures No special measures required.
- · Environmental precautions: Do not allow to enter sewers/ surface or ground water.
- · Methods and material for containment and cleaning up: Pick up mechanically.
- · Reference to other sections

No dangerous substances are released.

See Section 7 for information on safe handling.

See Section 8 for information on personal protection equipment.

See Section 13 for disposal information.

## 7 Handling and storage

- · Handling:
- · Precautions for safe handling
  - Provide suction extractors if dust is formed.
  - When using do not eat, drink or smoke.
- · Information about fire and explosion protection: No special measures required.
- · Conditions for safe storage, including any incompatibilities
- · Storage:
- Requirements to be met by storerooms and receptacles: Keep container tightly sealed.
- Information about storage in one common storage facility: Not required.
- Further information about storage conditions: None.
- · Specific end use(s) No further relevant information available.

## 8 Exposure controls/personal protection

• Additional information about design of technical facilities: No further data; see item 7.

· Control parameters

· Ingredients with limit values that require monitoring at the workplace: Not required.

(Contd. on page 3)



Printing date 24.01.2012

(Contd. of page 2)

## Trade name: Biolon

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

· Exposure controls

· Personal protective equipment:

· General protective and hygienic measures:

The usual precautionary measures are to be adhered to when handling chemicals.

- Respiratory protection: Not required.
- Protection of hands: Not required.

• Material of gloves Not applicable.

- · Penetration time of glove material Not applicable.
- Eye protection: Not required.
- · Body protection: Protective work clothing

## 9 Physical and chemical properties

<ul> <li>Appearance:</li> <li>Form:</li> <li>Form:</li> <li>Foil</li> <li>Colour:</li> <li>Whitish</li> <li>Odourless</li> <li>Odour threshold:</li> <li>Not determined.</li> <li>pH-value:</li> <li>Not applicable.</li> <li>Change in condition         <ul> <li>Melting point/Melting range:</li> <li>&gt; 250°C</li> <li>Boiling point/Boiling range:</li> <li>Undetermined.</li> </ul> </li> <li>Flash point:</li> <li>Not applicable.</li> <li>Flash point:</li> <li>Not applicable.</li> <li>Flammability (solid, gaseous):</li> <li>Product is not flammable.</li> <li>Ignition temperature:</li> <li>Decomposition temperature:</li> <li>Not determined.</li> <li>Self-igniting:</li> <li>Not determined.</li> <li>Self-igniting:</li> <li>Not determined.</li> <li>Explosion limits:         <ul> <li>Lower:</li> <li>Not determined.</li> <li>Vapour pressure:</li> <li>Not determined.</li> <li>Vapour pressure:</li> <li>Not applicable.</li> <li>Vapour density</li> <li>Not determined.</li> <li>Vapour density</li> <li>Not applicable.</li> <li>Evaporation rate</li> <li>Not applicable.</li> <li>Solubility in / Miscibility with             <ul> <li>water:</li> <li>Insoluble.</li> <li>Selficient (n-octanol/water): Not determined.</li> </ul> </li> </ul></li></ul>	Information on basic physical and che	emical properties
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Dynamic: Not applicable.	· Segregation coefficient (n-octanol/wat	ter): Not determined.
	•	
Kinematic: Not applicable.	Kinematic:	Not applicable.

Printing date 24.01.2012

Revision: 24.01.2012

#### Trade name: Biolon

(Contd. of page 3)

• Organic solvents:

0.0 % No further relevant information available.

## 10 Stability and reactivity

#### · Reactivity

- · Chemical stability
- Thermal decomposition / conditions to be avoided:
- No decomposition if used according to specifications.
- Possibility of hazardous reactions No dangerous reactions known.
   Conditions to avoid No further relevant information available.
- Incompatible materials: No further relevant information available.
- Hazardous decomposition products: No dangerous decomposition products known.

## **11 Toxicological information**

- · Information on toxicological effects
- · Acute toxicity:
- · Primary irritant effect:
- on the skin: No irritant effect.
- · on the eye: No irritant effect.
- Sensitization: No sensitizing effects known.
- · Additional toxicological information:

When used and handled according to specifications, the product does not have any harmful effects to our experience and the information provided to us.

The substance is not subject to classification according to the latest version of the EU lists.

## **12 Ecological information**

- · Toxicity
- · Acquatic toxicity: No further relevant information available.
- · Persistence and degradability No further relevant information available.
- · Behaviour in environmental systems:
- · Bioaccumulative potential No further relevant information available.
- · Mobility in soil No further relevant information available.
- · Additional ecological information:
- · General notes:

Water hazard class 1 (German Regulation) (Self-assessment): slightly hazardous for water Do not allow undiluted product or large quantities of it to reach ground water, water course or sewage system.

- · Results of PBT and vPvB assessment
- · PBT: Not applicable.
- vPvB: Not applicable.

· Other adverse effects No further relevant information available.

### **13 Disposal considerations**

- · Waste treatment methods
- Recommendation Disposal must be made according to official regulations.

(Contd. on page 5)



#### ------ GB

# Acquat



Printing date 24.01.2012

#### Trade name: Biolon

Revision: 24.01.2012

(Contd. of page 4)

· Uncleaned packaging:

· Recommendation: Disposal must be made according to official regulations.

· UN-Number · ADR, ADN, IMDG, IATA	Void	
· UN proper shipping name · ADR, ADN, IMDG, IATA	Void	
· Transport hazard class(es)		
· ADR, ADN, IMDG, IATA · Class	Void	
· Packing group · ADR, IMDG, IATA	Void	
· Environmental hazards: · Marine pollutant:	No	
· Special precautions for user	Not applicable.	
<ul> <li>Transport in bulk according to Annex MARPOL73/78 and the IBC Code</li> </ul>	<b>II of</b> Not applicable.	
· UN "Model Regulation":		

## 15 Regulatory information

- · Safety, health and environmental regulations/legislation specific for the substance or mixture
- · National regulations:
- · Waterhazard class: Water hazard class 1 (Self-assessment): slightly hazardous for water.
- · Chemical safety assessment: A Chemical Safety Assessment has not been carried out.

### **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.

- · Department issuing MSDS: Department Research & Development
- · Contact: Dr. Thomas Veit, Dr. Reiner Altmann, Lothar Sutor
- · 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) RID: Règlement international concernant le transport des marchandises dangereuses par chemin de fer (Regulations Concerning the International Transport of Dangerous Goods by Rail) IMDG: International Maritime Code for Dangerous Goods IATA: International Air Transport Association ICAO: International Civil Aviation Organization GHS: Globally Harmonized System of Classification and Labelling of Chemicals CAS: Chemical Abstracts Service (division of the American Chemical Society)