

BOSTIK TARBICOL PU 2K (RU) - PART A
Supersedes Date: 03-Aug-2017

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Section 1: IDENTIFICATION OF THE SUBSTANCE/MIXTURE AND OF THE COMPANY/UNDERTAKING

1.1. Product Identifier

Product Name BOSTIK TARBICOL PU 2K (RU) - PART A
Pure substance/mixture Mixture

1.2. Relevant identified uses of the substance or mixture and uses advised against

Recommended use Adhesives.
Uses advised against Consumer use.

1.3. Details of the supplier of the safety data sheet

Company Name

Bostik GmbH
An der Bundesstrasse 16
33829 Borgholzhausen, Germany
Tel: +49 (0) 5425 / 801 0
Fax: +49 (0) 5425 / 801 140

E-mail address SDS.box-EU@bostik.com

1.4. Emergency telephone number

Emergency Telephone No information available

Section 2: HAZARD IDENTIFICATION

2.1. Classification of the substance or mixture

Classification according to Regulation (EC) No. 1272/2008 [CLP]

Not classified

2.2. Label Elements

Labelling according to Regulation (EC) No. 1272/2008 [CLP]

Not classified

Signal Word

No signal word

Special provisions concerning the labelling of certain mixtures

EUH208 - Contains Octadecanoic acid, 12-hydroxy-, reaction products with ethylenediamine. May produce an allergic reaction
EUH210 - Safety data sheet available on request

Additional information

Please refer also to Safety Data Sheet of Part B

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2.3. Other Hazards

General Hazards

No information available.

PBT and vPvB assessment

The components in this formulation do not meet the criteria for classification as PBT or vPvB

Section 3: COMPOSITION/INFORMATION ON INGREDIENTS

3.1 Substances

Not applicable

3.2 Mixtures

Chemical Name	EC No	CAS No	Weight-%	Classification according to Regulation (EC) No. 1272/2008 [CLP]	Specific concentration limit (SCL)	REACH Registration Number
Polypropylene glycol	-	25322-69-4	5 - <10	Acute Tox. 4 (H302)		01-2119457556-29-xxxx
Octadecanoic acid, 12-hydroxy-, reaction products with ethylenediamine	309-629-8	100545-48-0	0.1- <1	Skin Sens. 1 (H317) Aquatic Chronic 3 (H412)	Skin Sens. 1 :: C>=25%	01-2119979085-27-XXXX

Full text of H- and EUH-phrases: see section 16

Note: ^ indicates not classified, however, the substance is listed in section 3 as it has an OEL.

This product does not contain candidate substances of very high concern at a concentration $\geq 0.1\%$ (Regulation (EC) No. 1907/2006 (REACH), Article 59)

Section 4: FIRST AID MEASURES

4.1. Description of first aid measures

General Advice

If medical advice is needed, have product container or label at hand.

Inhalation

Remove victim to fresh air and keep at rest in a position comfortable for breathing. Get medical attention if symptoms occur.

Skin Contact

Wash off immediately with soap and plenty of water. Get medical attention if symptoms occur.

Eye contact

Immediately flush with plenty of water. After initial flushing, remove any contact lenses and continue flushing for at least 15 minutes. Consult an ophthalmologist.

Ingestion

Do NOT induce vomiting. If swallowed, rinse mouth with water (only if the person is conscious). Call a doctor immediately.

Self-protection of the first aider

First aider: Pay attention to self-protection.

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

Symptoms

None known.

4.3. Indication of any immediate medical attention and special treatment needed

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Note to doctors None.

Section 5: FIRE-FIGHTING MEASURES

5.1. Extinguishing media

Suitable Extinguishing Media

Carbon dioxide (CO₂). Extinguishing powder. Water spray or fog. Alcohol resistant foam.

Unsuitable Extinguishing Media

Full water jet

5.2. Special hazards arising from the substance or mixture

Thermal decomposition can lead to release of toxic/corrosive gases and vapours.

Hazardous Combustion Products Carbon monoxide. Carbon dioxide (CO₂).

5.3. Advice for firefighters

In case of fire: Wear self-contained breathing apparatus. Do not allow run-off from fire-fighting to enter drains or water courses.

Section 6: ACCIDENTAL RELEASE MEASURES

6.1. Personal precautions, protective equipment and emergency procedures

Personal Precautions

Use personal protection equipment. Avoid contact with skin, eyes or clothing.

Non-hazardous.

For emergency responders

Use personal protection recommended in Section 8.

6.2. Environmental precautions

Prevent product from entering drains. Do not allow to enter into soil/subsoil.

6.3. Methods and material for containment and cleaning up

Methods for Containment

Soak up with inert absorbent material (e.g. sand, silica gel, acid binder, universal binder, sawdust).

Methods for cleaning up

Take up mechanically, placing in appropriate containers for disposal.

6.4. Reference to other sections

Reference to other sections

Section 8: EXPOSURE CONTROLS/PERSONAL PROTECTION
Section 13: DISPOSAL CONSIDERATIONS

Section 7: HANDLING AND STORAGE

7.1. Precautions for safe handling

Advice on safe handling

Use personal protective equipment as required. Avoid contact with skin, eyes or clothing. No special fire protection measures are necessary.

General Hygiene Considerations

Keep away from food, drink and animal feedingstuffs. Do not eat, drink or smoke when using this product. Wash hands thoroughly after handling. Take off contaminated clothing and wash it before reuse.

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7.2. Conditions for safe storage, including any incompatibilities

Storage Conditions

Recommended storage temperature. 10 - 35 °C.

7.3. Specific end use(s)

Specific Use(s)

Adhesives.

OTHER INFORMATION

Recommendation(s). Observe technical data sheet.

Section 8: EXPOSURE CONTROLS/PERSONAL PROTECTION

8.1. Control parameters

Only European Community Occupational Exposure Limits will be shown in this document. Please refer to regional SDS for further information.

Derived No Effect Level (DNEL) No information available

Predicted No Effect Concentration (PNEC) No information available.

8.2. Exposure controls

Engineering Controls Please refer also to Safety Data Sheet of Part B. No special technical protective measures are necessary.

Personal Protective Equipment

Eye/Face Protection

Wear safety glasses with side shields (or goggles). Eye protection must conform to standard EN 166.

Hand Protection

Wear suitable gloves. Gloves must conform to standard EN 374. Recommended Use: Butyl rubber. Nitrile rubber. Neoprene™. Fluoro carbon rubber (FKM). Ensure that the breakthrough time of the glove material is not exceeded. Refer to glove supplier for information on breakthrough time for specific gloves. The breakthrough time for the mentioned glove material is in general greater than 480 min. Gloves should be replaced regularly and if there is any sign of damage to the glove material.

Skin and Body Protection

Wear suitable protective clothing.

Respiratory Protection

None under normal use conditions.

Environmental Exposure Controls Do not allow uncontrolled discharge of product into the environment.

Section 9: PHYSICAL AND CHEMICAL PROPERTIES

9.1. Information on basic physical and chemical properties

Physical State	Liquid
Colour	White Beige
Odour	Characteristic
Odour Threshold	No information available

Property

Values

Remarks • Method

pH	No information available	
Melting point/freezing point	No information available	
Boiling Point	No information available	
Flash Point	No information available	
Evaporation Rate	No information available	
Flammability (solid, gas)	No information available	Not applicable for liquids

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Flammability Limit in Air

Upper Flammability Limit No information available

Lower Flammability Limit No information available

Vapour Pressure

No information available

No information available

Relative Density

1.9 @ 20 °C

Water Solubility

Partially miscible

Solubility in Other Solvents

No information available

Partition Coefficient

No information available

Autoignition Temperature

No information available

Decomposition Temperature

No information available

Explosive Properties

No information available

Explosive Limits

Upper No information available

Lower No information available

Oxidising Properties

No information available

Kinematic Viscosity

No information available

Dynamic Viscosity

No information available

9.2. Other information

Softening Point No information available

Molecular Weight No information available

Solvent content (%) No information available

Solid content (%) No information available

Density No Data Available

Bulk Density No Data Available

VOC content (%) No Data Available

Section 10: STABILITY AND REACTIVITY

10.1. Reactivity

Stable under recommended storage conditions.

10.2. Chemical stability

Stable under normal conditions.

Explosion Data

Sensitivity to Mechanical Impact None.

Sensitivity to Static Discharge None.

10.3. Possibility of hazardous reactions

Possibility of Hazardous Reactions

None known.

10.4. Conditions to avoid

None known if handled according to instructions.

10.5. Incompatible materials

None known.

10.6. Hazardous decomposition products

None under normal use and recommended storage conditions.

Section 11: TOXICOLOGY INFORMATION

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11.1. Information on toxicological effects

Information on likely routes of exposure

Product Information

Inhalation	Based on available data, the classification criteria are not met.
Eye contact	Based on available data, the classification criteria are not met.
Skin Contact	Based on available data, the classification criteria are not met.
Ingestion	Based on available data, the classification criteria are not met.
Sensitisation	May produce an allergic reaction.

Delayed and immediate effects as well as chronic effects from short and long-term exposure

Skin Corrosion/Irritation	Based on available data, the classification criteria are not met.
Serious eye damage/eye irritation	Based on available data, the classification criteria are not met.
Sensitisation	May cause sensitisation by skin contact.
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.
Target Organ Effects	Eyes, Respiratory system, Skin.
Aspiration Hazard	Not applicable.

Numerical measures of toxicity

Acute Toxicity

The following values are calculated based on chapter 3.1 of the GHS document

ATEmix (oral)	6,862.00 mg/kg
ATEmix (dermal)	25,872.00 mg/kg

Component Information

Toxicity Data Data obtained on the component(s) include

Chemical Name	Oral LD50	Dermal LD50	Inhalation LC50
Polypropylene glycol 25322-69-4	LD50 >500<2000 mg/kg (Rat)	LD50 > 3000 mg/kg (rabbit) OECD 402	-
Octadecanoic acid, 12-hydroxy-, reaction products with ethylenediamine 100545-48-0	LD50 >2000 mg/kg (Rat)	-	LC50 =5.05 mg/kg (Rat)

Section 12: ECOLOGICAL INFORMATION

12.1. Toxicity

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Ecotoxicity

Classification is shown in section 2 of this SDS

Component Information

Data obtained on the component(s) include

Chemical Name	Algae/aquatic plants	Fish	Crustacea	M-Factor
Polypropylene glycol 25322-69-4	EC0 (72h) > 100 mg/l (Desmodesmus subspicatus) OECD 201	LC 50 (96h) > 100 mg/l (Poecilia reticulata) OECD 203	EC50 (48h) > 100 mg/l (Daphnia magna) OECD 202	
Octadecanoic acid, 12-hydroxy-, reaction products with ethylenediamine 100545-48-0	EL50 (72h) >100 mg/L Algae (Pseudokirchneriella subcapitata)	LL50 (96h) >10mg/L Fish (Onchohynchus mykiss)	EL50 (48h) >10mg/L Daphnia (Daphnia magna)	

12.2. Persistence and degradability

No information available.

12.3. Bioaccumulative potential

No information available.

Partition coefficient No information available

12.4. Mobility in soil

Mobility in soil No information available.

12.5. Results of PBT and vPvB assessment

The components in this formulation do not meet the criteria for classification as PBT or vPvB.

12.6. Other Adverse Effects

No information available

Endocrine Disruptor Information

This product does not contain any known or suspected endocrine disruptors.

Section 13: DISPOSAL CONSIDERATIONS

13.1. Waste treatment methods

Waste from Residues/Unused Products Disposal should be in accordance with applicable regional, national and local laws and regulations.

Contaminated Packaging Handle contaminated packages in the same way as the product itself.

European Waste Catalogue 08 04 10 waste adhesives and sealants other than those mentioned in 08 04 09

OTHER INFORMATION Waste codes should be assigned by the user based on the application for which the product was used.

Section 14: TRANSPORTATION INFORMATION

ADR

14.1 UN/ID no Not regulated

14.2 Proper Shipping Name Not regulated

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14.3 Hazard Class	Not regulated
14.4 Packing Group	Not regulated
14.5 Environmental Hazard	Not applicable
14.6 Special Provisions	None

IMDG

14.1 UN/ID no	Not regulated
14.2 Proper Shipping Name	Not regulated
14.3 Hazard Class	Not regulated
14.4 Packing Group	Not regulated
14.5 Marine Pollutant	Np
14.6 Special Provisions	None
14.7 Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code	No information available

RID

14.1 UN/ID no	Not regulated
14.2 Proper Shipping Name	Not regulated
14.3 Hazard Class	Not regulated
14.4 Packing Group	Not regulated
14.5 Environmental Hazard	Not applicable
14.6 Special Provisions	None

ICAO (air)

14.1 UN/ID no	Not regulated
14.2 Proper Shipping Name	Not regulated
14.3 Hazard Class	Not regulated
14.4 Packing Group	Not regulated
14.5 Environmental Hazard	Not applicable
14.6 Special Provisions	None

IATA

14.1 UN/ID no	Not regulated
14.2 Proper Shipping Name	Not regulated
14.3 Hazard Class	Not regulated
14.4 Packing Group	Not regulated
14.5 Environmental Hazard	Not applicable
14.6 Special Provisions	None

Section 15: REGULATORY INFORMATION

15.1. Safety, health and environmental regulations/legislation specific for the substance or mixture

European Union

Registration, Evaluation, Authorization, and Restriction of Chemicals (REACH) Regulation (EC 1907/2006)

EU-REACH (1907/2006) - Candidate List of Substances of Very High Concern (SVHC) for Authorization in accordance with Article 59

This product does not contain candidate substances of very high concern at a concentration $\geq 0.1\%$ (Regulation (EC) No. 1907/2006 (REACH), Article 59)

EU-REACH (1907/2006) - Annex XVII - Substances subject to Restriction

This product does not contain substances subject to restriction (Regulation (EC) No. 1907/2006 (REACH), Annex XVII).

EU-REACH (1907/2006) - Annex XIV - List of substances subject to Authorization

This product does not contain substances subject to authorisation (Regulation (EC) No. 1907/2006 (REACH), Annex XIV)

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Ozone-depleting substances (ODS) regulation (EC) 1005/2009

Not applicable

Persistent Organic Pollutants

Not applicable

National Regulations

France

Germany

Ordinance on Industrial Safety and Health - Germany - BetrSichV

No flammable liquids in accordance with BetrSichV

Water hazard class (WGK) WGK 1

TRGS - 510 Storage Class Storage Class 10 : Combustible liquids

Netherlands

List of Carcinogenic, mutagenic and reproductive toxin substances in accordance with Inspectorate SZW (Netherlands)

15.2. Chemical safety assessment

Not applicable

Section 16: OTHER INFORMATION

Key or legend to abbreviations and acronyms used in the safety data sheet

Full text of H-Statements referred to under section 3

H317 - May cause an allergic skin reaction

H412 - Harmful to aquatic life with long lasting effects

H302 - Harmful if swallowed

Legend

SVHC: Substances of Very High Concern for Authorisation:

Section 8: EXPOSURE CONTROLS/PERSONAL PROTECTION

TWA TWA (time-weighted average)

STEL

STEL (Short Term Exposure Limit)

Ceiling Maximum limit value

*

Skin designation

PBT Persistent, Bioaccumulative, and Toxic (PBT) Chemicals

STOT (RE): Specific target organ toxicity - Repeated exposure

STOT (SE): Specific target organ toxicity - Single exposure

EWC: European Waste Catalogue

Key literature references and sources for data

Classification and labeling data calculated from data received from raw material suppliers

Prepared By Product Safety & Regulatory Affairs

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Indication of changes

Revision Note Not applicable.

Training Advice When working with hazardous materials, regular training of operators is required by law

Additional information No information available

This safety data sheet complies with the requirements of: Regulation (EC) No. 1907/2006

Disclaimer

The information provided in this Safety Data Sheet is correct to the best of our knowledge, information and belief at the date of its publication. The information given is designed only as guidance for safe handling, use, processing, storage, transportation, disposal and release and is not to be considered a warranty or quality specification. The information relates only to the specific material designated and may not be valid for such material used in combination with any other materials or in any process, unless specified in the text.

End of Safety Data Sheet