

**BOSTIK TARBICOL KP5 EAST**  
Supersedes Date: 22-Aug-2016

Revision Date 26-Feb-2018  
Revision Number 1.01

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

### 1.1. Product Identifier

**Product Name** BOSTIK TARBICOL KP5 EAST  
**Pure substance/mixture** Mixture

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

**Recommended use** Adhesives.  
**Uses advised against** None known.

### 1.3. Details of the supplier of the safety data sheet

#### Company Name

Bostik SA  
Immeuble "Le Jade"  
253 Avenue du President Wilson  
93211 La Plaine Saint Denis  
France  
Tel: +33 (0)1 55 99 90 00  
Fax: +33 (0)1 55 99 90 01

**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 Mixture, 3(2H)-isothiazolone, 5-chloro-2-methyl- with 2-methyl-3(2H)-isothiazolone. May produce an allergic reaction  
EUH210 - Safety data sheet available on request

### 2.3. Other Hazards

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## 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 |
|--|-----------|------------|----------|--|---|---------------------------|
| Naphtha, petroleum, hydrotreated heavy, <0.1% Benzene                              | 919-857-5 | 64742-48-9 | 1 - <2.5 | STOT SE 3 (H336)<br>Asp. Tox. 1 (H304)<br>(EUH066)<br>Flam. Liq. 3<br>(H226)   |   | 01-2119463258-33          |
| Mixture, 3(2H)-isothiazolone, 5-chloro-2-methyl- with 2-methyl-3(2H)-isothiazolone | 611-341-5 | 55965-84-9 | <0.0015  | Acute Tox. 3 (H301)<br>Acute Tox. 3 (H311)<br>Acute Tox. 2 (H330)<br>Skin Corr. 1B (H314)<br>Skin Sens. 1 (H317)<br>Aquatic Acute 1 (H400)<br>Aquatic Chronic 1 (H410) | Eye Irrit. 2 ::<br>0.06%<=C<0.6%<br>Skin Corr. 1B ::<br>C>=0.6%<br>Skin Irrit. 2 ::<br>0.06%<=C<0.6%<br>Skin Sens. 1 ::<br>C>=0.0015% | No data available         |

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 >=0.1% (Regulation (EC) No. 1907/2006 (REACH), Article 59)

## Section 4: FIRST AID MEASURES

### 4.1. Description of first aid measures

|                     |  |
|---------------------|--|
| <b>Inhalation</b>   | IF INHALED: Remove victim to fresh air and keep at rest in a position comfortable for breathing.   |
| <b>Skin Contact</b> | Wash off immediately with plenty of water for at least 15 minutes. In the case of skin irritation or allergic reactions see a doctor.  |
| <b>Eye contact</b>  | Rinse immediately with plenty of water, also under the eyelids, for at least 15 minutes. Do not rub affected area. If eye irritation persists: Get medical advice/attention. |
| <b>Ingestion</b>    | Do not induce vomiting without medical advice. Never give anything by mouth to an unconscious person. If symptoms persist, call a doctor.                                    |

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## 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

Note to doctors Treat symptomatically.

## Section 5: FIRE-FIGHTING MEASURES

### 5.1. Extinguishing media

#### Suitable Extinguishing Media

Water spray (fog). Carbon dioxide (CO<sub>2</sub>). Foam. Dry chemical. Use extinguishing measures that are appropriate to local circumstances and the surrounding environment.

#### Unsuitable Extinguishing Media

None known

### 5.2. Special hazards arising from the substance or mixture

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

**Hazardous Combustion Products** Carbon monoxide. Carbon dioxide (CO<sub>2</sub>). Hydrocarbons.

### 5.3. Advice for firefighters

Wear self-contained breathing apparatus and protective suit.

## Section 6: ACCIDENTAL RELEASE MEASURES

### 6.1. Personal precautions, protective equipment and emergency procedures

#### Personal Precautions

Evacuate personnel to safe areas. Use personal protection recommended in Section 8.

#### For emergency responders

Use personal protection recommended in Section 8.

### 6.2. Environmental precautions

Keep people away from and upwind of spill/leak.

### 6.3. Methods and material for containment and cleaning up

**Methods for Containment** Stop leak if you can do it without risk.

**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

Avoid contact with skin, eyes or clothing. Wash hands thoroughly after handling. Handle in accordance with good industrial hygiene and safety practice. Do not re-use container.

#### General Hygiene Considerations

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Handle in accordance with good industrial hygiene and safety practice.

## 7.2. Conditions for safe storage, including any incompatibilities

### **Storage Conditions**

Keep from freezing. Keep containers tightly closed in a cool, well-ventilated place.

## 7.3. Specific end use(s)

### **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** Use with local exhaust ventilation. Ensure adequate ventilation, especially in confined areas. Use explosion-proof ventilating equipment.

### **Personal Protective Equipment**

**Eye/Face Protection** Wear safety glasses with side shields (or goggles). Avoid contact with eyes.  
**Skin and Body Protection** Wear protective gloves and protective clothing. Avoid contact with skin, eyes or clothing.  
**Respiratory Protection** During spraying wear suitable respiratory equipment.

**Environmental Exposure Controls** No information available.

## **Section 9: PHYSICAL AND CHEMICAL PROPERTIES**

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

**Physical State** Liquid  
**Appearance** Viscous  
**Colour** Off-white  
**Odour** Slight  
**Odour Threshold** No information available

| <u>Property</u>                | <u>Values</u>            | <u>Remarks • Method</u>    |
|--------------------------------|--------------------------|----------------------------|
| pH                             | 7.5                      |                            |
| Melting point / freezing point | 0 °C / 32 °F             |                            |
| Boiling point / boiling range  | 100 °C / 212 °F          |                            |
| Flash Point                    | No information available |                            |
| Evaporation Rate               | No information available |                            |
| Flammability (solid, gas)      | No information available | Not applicable for liquids |
| Flammability Limit in Air      |                          |                            |
| Upper flammability limit:      | No information available |                            |
| Lower flammability limit       | No information available |                            |
| Vapour Pressure                | No information available |                            |
| Vapour Density                 | No information available |                            |
| Relative Density               | No information available |                            |
| Water Solubility               | No information available |                            |
| Solubility in Other Solvents   | No information available |                            |
| Partition Coefficient          | No information available |                            |

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|                                  |                          |
|----------------------------------|--------------------------|
| <b>Autoignition Temperature</b>  | No information available |
| <b>Decomposition Temperature</b> | No information available |
| <b>Explosive Properties</b>      | No information available |
| <b>Explosive Limits</b>          | No information available |
| Upper                            | No information available |
| Lower                            | No information available |
| <b>Oxidising Properties</b>      | No information available |
| <b>Kinematic Viscosity</b>       | No information available |
| <br>                             |                          |
| <b>Dynamic Viscosity</b>         | No information available |

## 9.2. Other information

|                            |                          |
|----------------------------|--------------------------|
| <b>Softening Point</b>     | No information available |
| <b>Molecular Weight</b>    | No information available |
| <b>Solvent content (%)</b> | No information available |
| <b>Solid content (%)</b>   | No information available |
| <b>Density</b>             | 1.43 g/cm <sup>3</sup>   |
| <b>Bulk Density</b>        | No data available        |
| <b>VOC content (%)</b>     |                          |

## **Section 10: STABILITY AND REACTIVITY**

### 10.1. Reactivity

None under normal use 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

#### **Hazardous Polymerisation**

None known.

#### **Possibility of Hazardous Reactions**

None under normal processing.

### 10.4. Conditions to avoid

Extremes of temperature and direct sunlight. Keep from freezing.

### 10.5. Incompatible materials

No information available.

### 10.6. Hazardous decomposition products

Carbon monoxide. Carbon dioxide (CO<sub>2</sub>). Hydrocarbons.

## **Section 11: TOXICOLOGY INFORMATION**

### 11.1. Information on toxicological effects

#### Information on likely routes of exposure

#### **Product Information**

No information or data specific to the product on this toxicological (health) effect is available.

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|                      |   |
|----------------------|---|
| <b>Inhalation</b>    | Based on available data, the classification criteria are not met. |
| <b>Eye contact</b>   | Based on available data, the classification criteria are not met. |
| <b>Skin Contact</b>  | Based on available data, the classification criteria are not met. |
| <b>Ingestion</b>     | Based on available data, the classification criteria are not met. |
| <b>Sensitisation</b> | No data available.  |

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

|  |                                 |
|--|---------------------------------|
| <b>Skin Corrosion/Irritation</b>         | Not applicable.                 |
| <b>Serious eye damage/eye irritation</b> | Not applicable.                 |
| <b>Sensitisation</b>                     | Not applicable.                 |
| <b>Germ Cell Mutagenicity</b>            | Not applicable.                 |
| <b>Carcinogenicity</b>                   | Not applicable.                 |
| <b>Reproductive Toxicity</b>             | No information available.       |
| <b>STOT - Single Exposure</b>            | No information available.       |
| <b>STOT - Repeated Exposure</b>          | No information available.       |
| <b>Target Organ Effects</b>              | Eyes, Respiratory system, Skin. |
| <b>Aspiration hazard</b>                 | No information available.       |

## Numerical measures of toxicity

### Acute Toxicity

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

### Component Information

**Toxicity Data** Data obtained on the component(s) include

| Chemical Name   | Oral LD50            | Dermal LD50             | Inhalation LC50                                |
|---|----------------------|-------------------------|--|
| Naphtha, petroleum, hydrotreated heavy, <0.1% Benzene<br>64742-48-9 | > 6000 mg/kg ( Rat ) | > 3160 mg/kg ( Rabbit ) | LC50 Vapour (4h) >5020 mg/m <sup>3</sup> (Rat) |

## **Section 12: ECOLOGICAL INFORMATION**

### 12.1. Toxicity

**Ecotoxicity** No information available

### Component Information

Data obtained on the component(s) include

| Chemical Name   | Algae/aquatic plants   | Fish   | Crustacea  | M-Factor |
|---|--|--|--|----------|
| Naphtha, petroleum, hydrotreated heavy, <0.1% Benzene<br>64742-48-9 | EL50 (72h) > 1000 mg/l (Pseudokirchneriella subcapitata)<br>OECD 201 | LC50 96 h = 2200 mg/L (Pimephales promelas ) | LL50 (48h) > 1000 mg/l (Daphnia magna)<br>OECD 202 |          |
| Mixture, 3(2H)-isothiazolone,                                       | EC50 (72h) =0.048 mg/L (Pseudokirchneriella)                         | EC50 (96h) = 0.22 mg/L (Oncorhynchus mykiss) | EC50 (48h) =0.1 mg/L (Daphnia magna) (OECD 202)    | 100      |

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|   |                         |            |  |  |
|---|-------------------------|------------|--|--|
| 5-chloro-2-methyl- with<br>2-methyl-3(2H)-isothiazolon<br>e<br>55965-84-9 | subcapitata) (OECD 201) | (OECD 211) |  |  |
|---|-------------------------|------------|--|--|

## 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**

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## **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** Improper disposal or reuse of this container may be dangerous and illegal.

## **Section 14: TRANSPORTATION INFORMATION**

### ADR

14.1 UN/ID no Not regulated  
14.2 Proper Shipping Name Not regulated  
14.3 Transport hazard class(es) Not regulated  
14.4 Packing Group Not regulated  
14.5 Environmental Hazard Not applicable  
14.6 Special Provisions None

### IMDG

14.1 UN Number Not regulated  
14.2 Proper Shipping Name Not regulated  
14.3 Transport hazard class(es) 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 Number Not regulated

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|                                 |                |
|---------------------------------|----------------|
| 14.2 Proper Shipping Name       | Not regulated  |
| 14.3 Transport hazard class(es) | 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 Transport hazard class(es) | 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)

#### **Biocidal Products Regulation (EU) No 528/2012 (BPR)**

Contains a biocide : Contains C(M)IT/MIT (3:1). May produce an allergic reaction

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

Not applicable

#### **Persistent Organic Pollutants**

Not applicable

#### **National Regulations**



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## France

### Occupational Illnesses (R-463-3, France)

| Chemical Name   | French RG number |
|---|------------------|
| Naphtha, petroleum, hydrotreated heavy, <0.1% Benzene<br>64742-48-9 | RG 84            |

## Germany

**Ordinance on Industrial Safety and Health - Germany - BetrSichV**  
No flammable liquids in accordance with BetrSichV

## Netherlands

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

### 15.2. Chemical safety assessment

No information available

## **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

H301 - Toxic if swallowed  
H331 - Toxic if inhaled  
H400 - Very toxic to aquatic life  
H410 - Very toxic to aquatic life with long lasting effects  
H302 - Harmful if swallowed  
H312 - Harmful in contact with skin  
H315 - Causes skin irritation  
H335 - May cause respiratory irritation  
H311 - Toxic in contact with skin  
H330 - Fatal if inhaled  
H314 - Causes severe skin burns and eye damage  
H317 - May cause an allergic skin reaction  
H336 - May cause drowsiness or dizziness  
H304 - May be fatal if swallowed and enters airways  
H226 - Flammable liquid and vapour  
EUH066 - Repeated exposure may cause skin dryness or cracking

#### **Legend**

SVHC: Substances of Very High Concern for Authorisation:

#### **Legend** Section 8: Exposure controls and 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** SDS sections updated: 3.

**Training Advice** No information available

**Further 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 a 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**