

**BOSTIK NO 4 SOLVENT**  
 Revision Number 2

Revision date 01-Aug-2019  
 Supersedes Date: 02-Jun-2017

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

### 1.1. Product Identifier

**Product Name** BOSTIK NO 4 SOLVENT  
**Pure substance/mixture** Mixture

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

**Recommended use** Solvent.  
**Uses advised against** No information available.

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

#### Company Name

Bostik New Zealand Limited  
 19 Eastern Hutt Road Wingate,  
 Lower Hutt, New Zealand  
 Tel: 04-567 5119  
 Fax: 04-567 5412

### 1.4. Emergency telephone number

**Emergency Telephone** 24 Hr: 0800 243 622  
 +64 4 917 9888  
 Poison Centre : 0800 764 766

**E-mail address** SDS.AP@Bostik.com

## Section 2: HAZARDS IDENTIFICATION

### 2.1. Classification of the substance or mixture

Serious eye damage/eye irritation	Category 2 (6.4)
Specific target organ toxicity - Single exposure	Category 3 ( f )
Flammable liquids	Category 2 (3.1B)

Classification in parenthesis is applicable for New Zealand Hazard Classification

### 2.2. Label Elements



**Signal word** Danger

#### Hazard statements

H319 - Causes serious eye irritation  
 H336 - May cause drowsiness or dizziness  
 H225 - Highly flammable liquid and vapor

#### Prevention

P264 - Wash face, hands and any exposed skin thoroughly after handling  
 P280 - Wear protective gloves/protective clothing/eye protection/face protection  
 P261 - Avoid breathing dust/fume/gas/mist/vapors/spray

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P271 - Use only outdoors or in a well-ventilated area  
P210 - Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking  
P233 - Keep container tightly closed  
P240 - Ground/bond container and receiving equipment  
P241 - Use explosion-proof electrical/ ventilating / lighting/ .? / equipment  
P242 - Use only non-sparking tools  
P243 - Take precautionary measures against static discharge  
P235 - Keep cool

## Inhalation

P304 + P340 - IF INHALED: Remove victim to fresh air and keep at rest in a position comfortable for breathing  
P312 - Call a POISON CENTER or doctor/physician if you feel unwell

## Skin

P303 + P361 + P353 - IF ON SKIN (or hair): Remove/Take off immediately all contaminated clothing. Rinse skin with water/shower

## Eyes

P305 + P351 + P338 - IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing  
P337 + P313 - If eye irritation persists: Get medical advice/attention

## Fire

P370 + P378 - In case of fire: Use dry chemical, CO<sub>2</sub>, water spray or alcohol-resistant foam to extinguish

## Storage

P403 + P233 - Store in a well-ventilated place. Keep container tightly closed  
P405 - Store locked up

## Disposal

P501 - Dispose of contents/ container to an approved waste disposal plant

## 2.3. Other Hazards

- May be harmful if swallowed

## Section 3: COMPOSITION/INFORMATION ON INGREDIENTS

### 3.1 Substances

Mixture

### 3.2 Mixtures

Chemical name	CAS No.	Weight-%
Methyl ethyl ketone	78-93-3	80-100
Acetone	67-64-1	5 - <10

\*\*\* Any remaining ingredients are not hazardous

## Section 4: FIRST AID MEASURES

### 4.1. Description of first aid measures

<b>General advice</b>	If medical advice is needed, have product container or label at hand.
<b>Inhalation</b>	Remove to fresh air.
<b>Skin contact</b>	Wash with plenty of soap and water. If skin irritation occurs: Get medical advice/attention.
<b>Eye contact</b>	In case of contact with eyes, rinse immediately with plenty of water and seek medical advice. Remove contact lenses, if present and easy to do. Continue rinsing. Call a physician immediately.
<b>Ingestion</b>	If swallowed, do not induce vomiting: seek medical advice immediately and show this container or label.
<b>Self-protection of the first aider</b>	Use personal protection recommended in Section 8. Isolate the hazard area and deny entry to unnecessary and unprotected personnel

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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 physicians Treat symptomatically.

## 4.4. Reference to Other Sections

Reference to other sections See Section 12: ECOLOGICAL INFORMATION. Section 7: HANDLING AND STORAGE. Section 8: EXPOSURE CONTROLS/PERSONAL PROTECTION.

## Section 5: FIRE-FIGHTING MEASURES

### 5.1. Extinguishing media

Suitable extinguishing media Use CO<sub>2</sub>, dry chemical, or foam.

Unsuitable extinguishing media No information available.

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

Specific hazards arising from the chemical Carbon monoxide, carbon dioxide and unburned hydrocarbons (smoke).

### 5.3. Advice for firefighters

Special protective equipment for fire-fighters Wear self contained breathing apparatus for fire fighting if necessary.

## Section 6: ACCIDENTAL RELEASE MEASURES

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

Personal precautions Remove all sources of ignition. Evacuate personnel to safe areas. Ensure adequate ventilation, especially in confined areas.

Other information Water spray may reduce vapor; but may not prevent ignition in closed spaces.

For emergency responders Use personal protection recommended in Section 8. Isolate the hazard area and deny entry to unnecessary and unprotected personnel.

### 6.2. Environmental precautions

Environmental precautions Do not empty into drains, dispose of this material and its container at hazardous or special waste collection point.

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

Methods for containment Dike far ahead of spill; use dry sand to contain the flow of material. Contain and collect spillage with non-combustible absorbent material, (e.g. sand, earth, diatomaceous earth, vermiculite) and place in container for disposal according to local / national regulations (see Section 13). Protect from moisture.

Methods for cleaning up Use clean non-sparking tools to collect absorbed material. Dike far ahead of spill for later disposal.

### 6.4. Reference to other sections

Reference to other sections See Section 12: ECOLOGICAL INFORMATION  
Section 7: HANDLING AND STORAGE  
Section 8: EXPOSURE CONTROLS/PERSONAL PROTECTION

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## Section 7: HANDLING AND STORAGE

### 7.1. Precautions for safe handling

**Advice on safe handling** Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking. Take precautionary measures against static charges. Use explosion-proof electrical/ ventilating/ lighting/ equipment.

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

**General hygiene considerations** Do not eat, drink or smoke when using this product. Regular cleaning of equipment, work area and clothing is recommended.

**Storage Conditions** Keep only in the original container/package in a cool well-ventilated place. Protect from moisture. Protect from direct contact with water or excessive moisture.

**Incompatible materials** Strong acids and bases

### 7.3. Specific end use(s)

**Other information** No information available.

### 7.4. References to Other Sections

**Reference to other sections** See Section 12: ECOLOGICAL INFORMATION. Section 7: HANDLING AND STORAGE. Section 8: EXPOSURE CONTROLS/PERSONAL PROTECTION.

## Section 8: EXPOSURE CONTROLS/PERSONAL PROTECTION

### 8.1. Control parameters

#### Exposure Limits

Chemical name	New Zealand	Australia	European Union
Methyl ethyl ketone 78-93-3	TWA: 150 ppm TWA: 445 mg/m <sup>3</sup> STEL: 300 ppm STEL: 890 mg/m <sup>3</sup>	150 ppm TWA 445 mg/m <sup>3</sup> TWA 300 ppm STEL 890 mg/m <sup>3</sup> STEL	TWA: 200 ppm TWA: 600 mg/m <sup>3</sup> STEL: 300 ppm STEL: 900 mg/m <sup>3</sup>
Acetone 67-64-1	TWA: 500 ppm TWA: 1185 mg/m <sup>3</sup> STEL: 1000 ppm STEL: 2375 mg/m <sup>3</sup>	500 ppm TWA 1185 mg/m <sup>3</sup> TWA 1000 ppm STEL 2375 mg/m <sup>3</sup> STEL	TWA: 500 ppm TWA: 1210 mg/m <sup>3</sup>

Chemical name	ACGIH TLV	NIOSH IDLH	OSHA PEL
Methyl ethyl ketone 78-93-3	STEL: 300 ppm TWA: 200 ppm	IDLH: 3000 ppm TWA: 200 ppm TWA: 590 mg/m <sup>3</sup> STEL: 300 ppm STEL: 885 mg/m <sup>3</sup>	TWA: 200 ppm TWA: 590 mg/m <sup>3</sup>
Acetone 67-64-1	STEL: 500 ppm TWA: 250 ppm	IDLH: 2500 ppm TWA: 250 ppm TWA: 590 mg/m <sup>3</sup>	TWA: 1000 ppm TWA: 2400 mg/m <sup>3</sup>

**Derived No Effect Level (DNEL)** No information available

**Predicted No Effect Concentration (PNEC)** No information available

**OTHER INFORMATION** No information available

### 8.2. Exposure controls

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**Engineering controls** Ensure adequate ventilation, especially in confined areas.

## PPE - Personal Protection Equipment

**Eye/face protection** Wear safety glasses with side shields (or goggles).  
**Skin and body protection** Wear suitable protective clothing. No special technical protective measures are necessary under normal conditions.  
**Hand protection** Wear suitable chemical resistant gloves. The selection of suitable gloves does not only depend on the material, but also on further marks of quality and various manufacturers.  
**Respiratory protection** No protective equipment is needed under normal use conditions. Respiratory protection required in insufficiently ventilated working areas and during spraying. An air-fed mask, or for short periods of work, a combination of professional filter is recommended.  
**General hygiene considerations** Do not eat, drink or smoke when using this product. Wash hands thoroughly after handling. Avoid contact with skin, eyes or clothing. Take off contaminated clothing and wash before reuse.

**Environmental exposure controls** Do not allow into any sewer, on the ground or into any body of water.

## Section 9: PHYSICAL AND CHEMICAL PROPERTIES

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

**Appearance** Paste Liquid Solid  
**Color** Clear, colorless  
**Odor** Solvent  
**Odor threshold** No information available

Property	Values	Remarks • Method
pH	No data available	
Melting point / freezing point	No data available	
Boiling point / boiling range	56 °C	
Flash point	-7 °C	
Evaporation rate	No data available	
Flammability (solid, gas)	No data available	
Flammability Limit in Air		
Upper flammability or explosive limits	10.0	
Lower flammability or explosive limits	1.8	
Vapor pressure	No data available	
Vapor density	No data available	
Relative density	No data available	
Water solubility	Partially soluble	
Solubility(ies)	No data available	
Partition coefficient	No data available	
Autoignition temperature	550 °C	
Decomposition temperature	No data available	
Kinematic viscosity	No data available	
Dynamic viscosity	No data available	
Explosive properties	No information available	
Oxidizing properties	No information available	

### 9.2. Other information

**Softening Point** No information available  
**Molecular weight** No information available  
**Solvent content (%)** No information available  
**Solid content (%)** 0  
**Density** 0.8 g/cm<sup>3</sup>  
**Bulk density** No information available  
**VOC Content (%)** 800 g/L

## Section 10: STABILITY AND REACTIVITY

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## 10.1. Reactivity

Reactivity Stable under recommended storage conditions.

## 10.2. Chemical stability

Stability Stable under recommended storage conditions

## 10.3. Possibility of hazardous reactions

Possibility of hazardous reactions None under normal processing.

Hazardous polymerization None under normal processing.

## 10.4. Conditions to avoid

Conditions to avoid Keep away from heat, sparks and flames. Protect from moisture.

## 10.5. Incompatible materials

Incompatible materials Strong acids and bases.

## 10.6. Hazardous decomposition products

Hazardous decomposition products None under normal use conditions.

## Section 11: TOXICOLOGY INFORMATION

### 11.1. Information on toxicological effects

#### Acute Toxicity

Product Information Product does not present an acute toxicity hazard based on known or supplied information.

Inhalation No data available.  
Eye contact No data available.  
Skin contact No data available.  
Ingestion No data available.

Chemical name	Oral LD50	Dermal LD50	Inhalation LC50
Methyl ethyl ketone 78-93-3	= 2483 mg/kg ( Rat )	= 5000 mg/kg ( Rabbit )	= 11700 ppm ( Rat ) 4 h
Acetone 67-64-1	= 5800 mg/kg ( Rat )	>15800 mg/Kg (rat)	= 79 mg/l( Rat ) 4 h

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

Skin corrosion/irritation No information available.  
Serious eye damage/eye irritation No information available.  
Sensitization No information available.  
Germ cell mutagenicity No information available.  
Reproductive toxicity No information available.  
STOT - single exposure No information available.  
STOT - repeated exposure No information available.  
Target organ effects liver, Eyes, retina, Skin.  
Aspiration hazard No information available.  
Carcinogenicity No information available.

## Section 12: ECOLOGICAL INFORMATION

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## 12.1. Toxicity

### Ecotoxicity

#### Product Information

None known.

#### Component Information

Data obtained on the component(s) include

Chemical name	Algae/aquatic plants	Fish	Crustacea
Methyl ethyl ketone 78-93-3	EC50=1972 mg/l (Pseudokirchneriella subcapitata)	LC50: 3130 - 3320mg/L (96h, Pimephales promelas)	EC50 48 h > 308 mg/L (Daphnia magna )
Acetone 67-64-1	-	LC50 96 h 4.74 - 6.33 mL/L (Oncorhynchus mykiss )	EC50 48 h 10294 - 17704 mg/L (Daphnia magna Static)

## 12.2. Persistence and degradability

No information available.

Component Information			
Methyl ethyl ketone (78-93-3)			
Method	Exposure time	Value	Results
OECD Test No. 301D: Ready Biodegradability: Closed Bottle Test (TG 301 D)	28 days	biodegradation	98 % Readily biodegradable

## 12.3. Bioaccumulative potential

No information available.

Chemical name	Partition coefficient	Bioconcentration factor (BCF)
Methyl ethyl ketone 78-93-3	0.3	-
Acetone 67-64-1	-0.24	0.69

## 12.4. 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.

Chemical name	PBT and vPvB assessment
Methyl ethyl ketone 78-93-3	The substance is not PBT / vPvB
Acetone 67-64-1	The substance is not PBT / vPvB

## 12.6. Other adverse effects

No information available.

## 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.

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## Section 14: TRANSPORT INFORMATION

### IMDG

UN number	UN1193
Proper Shipping Name	Ethyl methyl ketone
Transport hazard class(es)	3
Packing group	II
EmS-No.	F-E, S-D
Limited Quantity (LQ)	1 L
Description	UN1193, Ethyl methyl ketone, 3, II, (-7°C c.c.)

### IATA

UN number	UN1193
Proper Shipping Name	Ethyl methyl ketone
Transport hazard class(es)	3
Packing group	II
ERG Code	3L
Limited Quantity (LQ)	1 L
Description	UN1193, Ethyl methyl ketone, 3, II

### ADR

UN Number	UN1193
Proper Shipping Name	Ethyl methyl ketone
Transport hazard class(es)	3
Labels	3
Packing Group	II
Description	UN1193, Ethyl methyl ketone, 3, II, (D/E)
Limited Quantity (LQ)	1 L
Classification Code	F1
Tunnel Restriction Code	(D/E)

## Section 15: REGULATORY INFORMATION

### National Regulations

ERMA Group HSR002662

## Section 16: OTHER INFORMATION

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

No information available

### Key Literature References and Sources for Data

No information available

Prepared By Product Safety & Regulatory Affairs

Revision date 01-Aug-2019

Revision note Not applicable.

Training Advice Provide adequate information, instruction, and training for operator

### 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.

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**End of Safety Data Sheet**