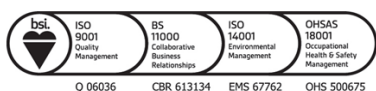


# Health & Safety Data for: COLSEAL

<b>Data Sheet No. 152</b>		<b>Revision: 01/03/2017</b>		<b>Replaces: -</b>	
<b>Recommended uses:</b>		For professional use only - footway & highway maintenance.			
<b>Known misuses / abuses:</b>		Not known.			
<b>1 Identification of the Substance / Preparation and of the Company / Undertaking</b>					
<b>Product:</b>		COLSEAL			
<b>Company:</b>		Colas Limited			
<b>Address:</b>		Wallage Lane, Rowfant, Crawley, West Sussex RH10 4NF			
<b>Telephone:</b>		01342 711000			
<b>Emergency Telephone:</b>		01342 718346			
<b>2 Hazard Identification</b>					
<b>2.1 Classification of the substance or mixture:</b> Not classified as hazardous.					
<b>2.2 Label elements:</b> No formal labeling is required.					
<b>Precautionary statements:</b> P273: Avoid release to the environment. P280: Wear protective gloves/protection clothing/eye protection/face protection. P305, P351, P338: If in eyes: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. P302, P350: If on skin: Gently wash with plenty of soap and water.					
<b>2.3 Other hazard information:</b> Non applicable					
<b>3 Composition / Information on Ingredients</b>					
All ingredients are below the legal threshold for hazardous substances.					
<b>4 First Aid Measures</b>					
<b>Inhalation</b>		This product is not classified as dangerous through inhalation. However, should the person show symptoms from ingestion remove them from the area, insure they have fresh air and are kept at rest. Should symptoms persist seek medical attention.			
<b>Skin</b>		This product is not classified as dangerous when in contact with skin. However, should there be contact rinse thoroughly with soap and water and remove any contaminated shoes/clothing unless stuck to skin. In cases of continued irritation consult a doctor.			
<b>Eyes</b>		Bathe the eye(s) with running water for 15 minutes. Go to Doctor for specialist examination.			
<b>Ingestion</b>		Wash out the mouth and throat. Do not induce vomiting. Keep the affected person at rest and seek medical advice.			
<b>5 Fire-Fighting Measures</b>					
<b>5.1 Extinguishing media</b> Use Co2 dry powder or foam extinguishers. The product is non flammable under normal use/storage conditions. It is not recommended to use tap water as an extinguishing agent.					
<b>5.2 Special hazards arising from the substance or mixture</b> Non applicable					
<b>5.3 Special protective actions for fire-fighters</b> Minimum emergency equipment and facilities to be used ie extinguishing agents, fire blankets and first aid kit. It may be necessary to wear full protective clothing and respiratory equipment depending on the size of the fire.					

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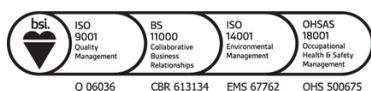
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Registered Office: Rowfant, Crawley, West Sussex RH10 4NF Registered in England: 2644726

National Sales Office, Products Division  
Loushers Lane, Wilderspool, Warrington,  
Cheshire WA4 6RZ Tel: 01925 632616

<b>6</b>	<b>Accidental Release Measures</b>																						
	<p><b>6.1 Personal precautions, protective equipment and emergency procedures</b> Keep bystanders away from the affected area. Isolate any leaks ensuring there is no risk to the person(s) performing the task. Do not attempt to take action without suitable protective clothing.</p> <p><b>6.2 Environmental Precautions</b> Do not discharge into drains, rivers or any aqueous medium. In case of accidental discharge notify the relevant authorities.</p> <p><b>6.3 Methods and material for containment and cleaning up</b> Spillage to be absorbed using sand or earth and transferred to a closable salvage container for disposal by an appropriate method.</p> <p><b>6.4 Reference to other sections</b> Refer to Sections 8 and 13.</p>																						
<b>7</b>	<b>Handling and Storage</b>																						
	<p><b>7.1 Precautions for safe handling</b> Store in a plastic sack or plastic sack within a bucket with sealable lid. Avoid leaks and ensure absorbent material is available if needed. Wash hands after use with soap and water or suitable cleaning products.</p> <p><b>7.2 Conditions for safe storage, including any incompatibilities</b> Minimum temp 5°C – protect from frost Maximum temp 30°C</p> <p><b>7.3 Specific end uses</b> For the sealing of tarmacadam surfaces.</p>																						
<b>8</b>	<b>Exposure Controls / Personal Protection Exposure Limit Values</b>																						
	<p><b>8.1 Control parameters</b> PNEC Non applicable DNEL (workers) Non applicable DNEL (population) Non applicable</p> <p><b>8.2 Exposure controls</b> Eye / face protection – Safety goggles ensuring eye bath is to hand. Skin protection – Protective clothing, non slip work shoes/boots and gloves to be worn. Environmental – Refer to specific Member State legislation for requirements under Community environmental legislation.</p>																						
<b>9</b>	<b>Physical and Chemical Properties</b>																						
	<p><b>9.1 Information on basic physical and chemical properties</b></p> <table> <tr> <td>Appearance:</td> <td>Thick black liquid</td> </tr> <tr> <td>Odour:</td> <td>Mild odour</td> </tr> <tr> <td>pH:</td> <td>Non applicable*</td> </tr> <tr> <td>Freezing/Melting Point:</td> <td>Non applicable*</td> </tr> <tr> <td>Initial boiling point at atmospheric pressure:</td> <td>100°C</td> </tr> <tr> <td>Flash Point:</td> <td>Non flammable (&gt;60°C)</td> </tr> <tr> <td>Evaporation rate:</td> <td>Non applicable*</td> </tr> <tr> <td>Flammability (solids and gases):</td> <td>Non flammable*</td> </tr> <tr> <td>Upper/lower flammability or explosive limits:</td> <td>Non applicable*</td> </tr> <tr> <td>Vapour Pressure:</td> <td>Non applicable*</td> </tr> <tr> <td>Density:</td> <td>1385 kg/m<sup>3</sup></td> </tr> </table>	Appearance:	Thick black liquid	Odour:	Mild odour	pH:	Non applicable*	Freezing/Melting Point:	Non applicable*	Initial boiling point at atmospheric pressure:	100°C	Flash Point:	Non flammable (>60°C)	Evaporation rate:	Non applicable*	Flammability (solids and gases):	Non flammable*	Upper/lower flammability or explosive limits:	Non applicable*	Vapour Pressure:	Non applicable*	Density:	1385 kg/m <sup>3</sup>
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Vapour Pressure:	Non applicable*																						
Density:	1385 kg/m <sup>3</sup>																						

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Solubility in water:	Non applicable*
Partition coefficient:	Non applicable*
Autoignition temperature:	Estimated to be 399°C
Viscosity:	Non applicable*
Explosive properties:	Non applicable*
Oxidising properties:	Non applicable*

\*not relevant due to the nature of the product not providing data on the property of its hazards

## 9.2 Other information

Non applicable

## 10 Stability and Reactivity

### 10.1 Reactivity

No hazardous reactions expected. Stable under recommended transport and storage conditions.

### 10.2 Chemical stability

Stable under recommended transport and storage conditions.

### 10.3 Possibility of hazardous reactions

Hazardous reactions are not expected to occur under normal transport and storage conditions.

### 10.4 Conditions to Avoid

Avoid frost and store at recommended temperatures stated in Section 7.2.

### 10.5 Incompatible materials

Avoid acids.

### 10.6 Hazardous decomposition products

In combustion ingredient emits toxic fumes.

## 11 Toxicological Information

### 11.1 Information on toxicological effects

The experimental information relating to the toxicological properties of the product is not available.

#### Dangerous Health Implications

Adverse effects on health may occur in the case of repetitive/prolonged exposure or at concentrations higher than recommended by the occupational exposure limits, depending on the means of exposure.

**Ingestion:** Classification criteria not met, however, product contains substances classified as dangerous for consumption. \*

**Inhalation:** Classification criteria not met – does not contain substances classified as dangerous for inhalation. \*

**Skin & eye contact:** Classification criteria not met, however, product contains substances classified as dangerous to skin and eyes. \*

**Germ cell mutagenicity:** Classification criteria not met – does not contain substances classified as dangerous to this section.\*

**Carcinogenicity:** Classification criteria not met – does not contain substances classified as dangerous to this section.\*

**Reproductive toxicity:** Classification criteria not met – does not contain substances classified as dangerous to this section.\*

**STOT-single exposure:** Classification criteria not met, however, product contains substances classified as dangerous for inhalation.\*

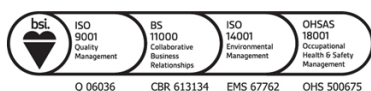
**STOT – repeated exposure:** Classification criteria not met, however product contains substances classified as dangerous for ingestion and inhalation. \*

**Aspiration hazard:** Classification criteria not met, however product contains substances that are classified as dangerous to this section.\*

\*Based on available data.

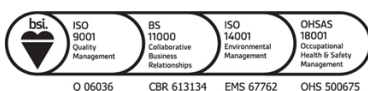
**Other information:** Not applicable

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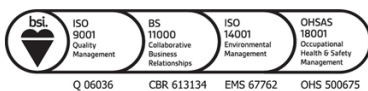
<b>12 Ecological Information</b>	
<b>12.1 Toxicity</b>	Classification criteria not met, however, product contains substances classified as dangerous for the environment.*
<b>12.2 Persistence and degradability</b>	Classification criteria not met, however, product contains substances classified as dangerous for the environment.*
<b>12.3 Bioaccumulative potential</b>	Classification criteria not met, however, product contains substances classified as dangerous for the environment.*
<b>12.4 Mobility in soil</b>	Classification criteria not met, however, product contains substances classified as dangerous for the environment.*
<b>12.5 Results of PBT and vPvB assessment</b>	Classification criteria not met, however product contains substances classified as dangerous for the environment.*
<b>12.6 Other adverse effects</b>	Classification criteria not met.* * Based on available data.
<b>13 Disposal Considerations</b>	
<b>13.1 Waste treatment methods</b>	
Disposal operations: Transfer to a suitable container and can be disposed of as non-dangerous waste.	
Disposal of packaging: Packaging to be treated as product where packaging has come into contact with product. Clean plastic buckets may be recycled.	
NB: The user's attention is drawn to the possible existence of regional or national regulations regarding disposal.	
<b>14 Transport Information</b>	
14.1 UN Number	Non applicable
14.2 UN Proper Shipping Name	Non applicable
14.3 Transport hazard class(es)	Non applicable
14.4 Packing group	Non applicable
14.5 Environmentally hazardous:	No
14.6 Special precautions for user:	No special precautions
14.7 Transport in bulk according to Annex II of MARPOL73/78 and the IBC Code:	Non applicable
<b>15 Regulatory Information</b>	
<b>15.1 Safety, health and environmental regulations/legislation specific for the substance or mixture</b>	
Specific regulations: Not applicable	
<b>15.2 Chemical Safety Assessment:</b>	
A chemical safety assessment has not been carried out for the substance or the mixture by the supplier.	
<b>16 Other Information</b>	
The references set out below give further information on specific aspects	
<b>Legislation</b>	Carriage of Dangerous Goods and Use of Transportable Pressure Equipment Regulations Control of Substances Hazardous to Health Regulations The Reporting of Injuries, Diseases and Health Regulations Environment Protection Act
<b>Guidance Notes</b>	<b>EH26</b> Occupational Skin Disease: Health and Safety Precautions

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	<b>EH40/2005</b> Workplace Exposure Limits
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