



# Gloucestershire Warwickshire Steam Railway Plc Ethanol Shield

## COSHH Assessment Details

<b>Assessment Id:</b>	COSHH-45032-74	<b>Lead Assessor:</b>	Kevin Jarvis
<b>Version No:</b>	1	<b>Published Date:</b>	16 April 2023
<b>Status:</b>	Active	<b>Review Date:</b>	16 April 2026
<b>Assessment Date:</b>	16 April 2023	<b>Approved By:</b>	Kevin 'Kev' Jarvis

## Substance Details

<b>Substance Name:</b>	Ethanol Shield	<b>Substance Use:</b>	Fuel Stabiliser
<b>Manufacturer</b>	B3C Fuel Solutions	<b>Emergency Tel No:</b>	+1-352-323-3500
<b>Address:</b>	108 Daytona Street Conway South Carolina USA		
<b>Form Of Substance:</b>	Liquid, Vapour,	<b>Routes of Exposure</b>	Inhalation, Skin, Ingestion, Eyes,
<b>Storage and Handling</b>	Store in a locked cupboard.		

### Exposure Limits

WEL: 25 ppm

LEL: Unknown

SEL: Unknown

## Substance Classifications



Toxic



Irritant



Serious long  
term health  
hazard



Dangerous to  
the  
enviroment

### Health Phrases

H226 - Flammable liquid and vapour.  
H302 - Harmful if swallowed.  
H304 - May be fatal if swallowed and enters airways.  
H315 - Causes skin irritation.  
H311 - Toxic in contact with skin.  
H319 - Causes serious eye irritation.  
H332 - Harmful if inhaled.  
H335 - May cause respiratory irritation.  
H340 - May cause genetic defects  
H350 - May cause cancer  
H411 - Toxic to aquatic life with long lasting effects.

### Precautionary Phrases



## Gloucestershire Warwickshire Steam Railway Plc Ethanol Shield

P102 - Keep out of reach of children.  
P201 - Obtain special instructions before use.  
P202 - Do not handle until all safety precautions have been read and understood.  
P210 - Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking.  
P260 - Do not breathe dust/fume/gas/mist/vapours/spray.  
P264 - Wash thoroughly after handling.  
P270 - Do not eat, drink or smoke when using this product.  
P271 - Use only outdoors or in a well-ventilated area.  
P273 - Avoid release to the environment.  
P280 - Wear protective gloves/protective clothing/eye protection/face protection.  
P301 + P330 + P3 - IF SWALLOWED: rinse mouth. Do NOT induce vomiting.  
P301 + P312 - IF SWALLOWED: Call a POISON CENTER/doctor/999 if you feel unwell.

### **Required Personal Protection Equipment (PPE)**



Gloves



Respirator



Overalls



Goggles

### **Control Measures**

#### Current:

- Administrative - Follow manufacturers instructions. - Effective

#### Potential:

No Potential Control Measures

Score Notes:

### **Assessment Score**

Likelihood of Harm:

1) Very low probability –  
unlikely/once every 20 years

Severity of Harm:

3) Injury - > 7 days lost time +  
RIDDOR reportable

Overall:

Low - Risk to be monitored to  
ensure it remains adequately  
controlled to an acceptable level.

### **Reference Documents**

Ethanol Shield MSDS -

### **Appendix**



## Gloucestershire Warwickshire Steam Railway Plc Ethanol Shield

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**Reference: UI-45032-611**  
Ethanol Shield picture -