Gloucestershire Warwickshire Steam Railway Plc

Ethanol Shield

COSHH Assessment Details

Assessment Id:	COSHH-45032-74	**Lead Assessor:**	Kevin Jarvis
Version No:	2	**Published Date:**	10 May 2026
Status:	Active	**Review Date:**	10 May 2029
Assessment Date:	10 May 2026	**Approved By:**	Kevin Jarvis

Substance Details

Substance Name:	Ethanol Shield	**Substance Use:**	Fuel Stabiliser
Manufacturer	B3C Fuel Solutions	**Emergency Tel No:**	+1-352-323-3500
Address:	108 Daytona Street Conway South Carolina USA		
Form Of Substance:	Liquid, Vapour,	**Routes of Exposure**	Inhalation, Skin, Ingestion, Eyes,
Storage and Handling	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

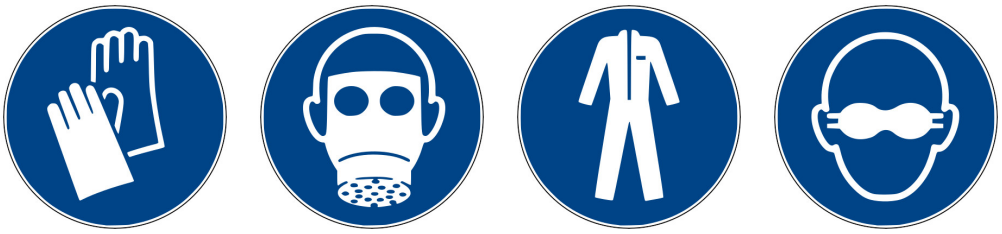
Health Phrases

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

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 no 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)



Control Measures

Current:
• Administrative - Follow manufacturers instructions. - Effective
Potential:
No Potential Control Measures
Score Notes:

Assessment Score

Liklihood 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

Ethanol Shield



Reference: UI-45032-611
Ethanol Shield picture -