Gloucestershire Warwickshire Steam Railway Plc

Tetrosyl Standard Thinners

COSHH Assessment Details

Assessment Id:	COSHH-45281-82	**Lead Assessor:**	Kevin Jarvis
Version No:	1	**Published Date:**	21 December 2023
Status:	Active	**Review Date:**	21 December 2026
Assessment Date:	21 December 2023	**Approved By:**	Kevin 'Kev' Jarvis

Substance Details

Substance Name:	Tetrosyl Standard Thinners	**Substance Use:**	Thinning paints and cleaning brushes.
Manufacturer	Tetrosyl Ltd	**Emergency Tel No:**	0161 7645981
Address:	Bury Lancashire BL9 7NY		
Form Of Substance:	Liquid, Mist, Vapour,	**Routes of Exposure**	Inhalation, Skin, Ingestion, Eyes,
Storage and Handling	Store in manufacturers container in a COSHH cupboard		

Exposure Limits

WEL: 191 mg/m3 **LEL:** Unknown **SEL:** 384 mg/m3

Substance Classifications



Harmful



Corrosive



Serious long term health hazard



Flammable



Dangerous to the enviroment

Health Phrases

H225 - Highly flammable liquid and vapour.
H315 - Causes skin irritation.
H318 - Causes serious eye damage.
H361 - Suspected of damaging fertility or the unborn child <state specific effect if known>
H336 - May cause drowsiness or dizziness.
H373 - May cause damage to organs <or state all organs affected, if known> through prolonged or repeated exposure.
H304 - May be fatal if swallowed and enters airways.
H411 - Toxic to aquatic life with long lasting effects.

Precautionary Phrases

P101 - If medical advice is needed, have product container or label at hand.
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.
P240 - Ground and bond container and receiving equipment.
P241 - Use explosion-proof equipment.
P242 - Use non-sparking tools.
P243 - Take action to prevent static discharges.
P260 - Do not breathe dust/fume/gas/mist/vapours/spray.
P264 - Wash thoroughly after handling.
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 + P310 - IF SWALLOWED: Immediately call a POISON CENTER/doctor/999
P303 + P361 + P3 - IF ON SKIN (or hair): Take off immediately all contaminated clothing. Rinse skin with water [or shower].
P304 + P340 - IF INHALED: Remove person to fresh air and keep comfortable for breathing.
P305 + P351 + P3 - IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
P308 + P313 - IF exposed or concerned: Get medical advice/attention.
P331 - Do NOT induce vomiting.
P332 + P313 - If skin irritation occurs: Get medical advice/attention.
P362 - Take off contaminated clothing.
P370 + P378 - In case of fire: Use… to extinguish.
P391 - Collect spillage.
P403 + P233 - Store in a well-ventilated place. Keep container tightly closed.
P403 + P235 - Store in a well-ventilated place. Keep cool.
P405 - Store locked up.
P501 - Dispose of contents/container via an approved disposal route

Required Personal Protection Equipment (PPE)


Gloves


Overalls


Goggles

Control Measures

Current:
• Administrative - Follow manufacturers advice. - Effective
Potential:
• Engineering - Consider fume extraction - Effective
• PPE - Consider wearing a mask - Effective
Score Notes: Risk remains the same.

Assessment Score

Liklihood of Harm:
2) Low probability – seldom/once every 5 years

Severity of Harm:
2) Injury – up to 7 days lost time days lost time

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

Reference Documents

Tetrosyl Thinners Safety Data Sheet - MSDS

Appendix



Reference: UI-45281-455
Tetrosyl picture -