

Carlisle TyrFil Safety Data Sheet

1. Identification of Substance:

Product Name: TLC Series (TLC Extreme, HT, Pro, Tundra and Concentrate versions)

Supplier Identification:
Carlisle TyrFil

Telephone:
(440) 260-9830

Address:
140 Sheldon Road
Berea, OH 44017

24-Hr. Emergency Phone Number:
CHEMTREC (800) 424-9300
INTERNATIONAL: +1-(703) 527-3887

Product Use: Tire care agent

2. Hazards Identification:

GHS Ratings:

Skin corrosive	3	Reversible adverse effects in dermal tissue, Draize score: $\geq 1.5 < 2.3$
Eye corrosive	2B	Mild eye irritant: Subcategory 2B, Reversible in 7 days

GHS Hazards

H316	Causes mild skin irritation
H320	Causes eye irritation

GHS Precautions

P264	Wash hands thoroughly after handling
P305+P351+P338	IF IN EYES: Rinse continuously with water for several minutes. Remove contact lenses if present and easy to do – continue rinsing
P332+P313	If skin irritation occurs: Get medical advice/attention
P337+P313	Get medical advice/attention

Signal Word: Warning



Acute Toxicity:

Eyes: May cause irritation & burns.

Skin: Minor potential for irritation.

Inhalation: Liquid may cause irritation.

Ingestion: May cause irritation & burns.

Chronic Effects: Not expected to cause any adverse chronic health effects.

3. Composition/Data on Components:

Chemical Name	CAS number	Weight Concentration %
1,2-Propylene glycol	57-55-6	50.00% - 60.00%
Sodium nitrite	7632-00-0	0.10% - 1.00%
Sodium benzoate	532-32-1	5.00% - 10.00%

4. First Aid Measures:

Inhalation: If symptoms ensue, move to fresh air. If breathing is difficult, give oxygen.

After Eye Contact: Rinse opened eye for at least 15 minutes under running water. Remove contact lenses if present and easy to do so, and continue rinsing.

After Skin Contact: Clean affected area with soap and plenty of water.

After Swallowing: Consult physician.

Notes to Physician: Treat symptomatically

5. Fire Fighting Measures:

Flash Point: 99 C (210 F)

LEL: N/A

UEL: N/A

Upper and lower explosive limits listed if known.

Suitable Extinguishing Agents: Water spray, CO2, Foam, Dry chemical

Information about Protection against Explosions and Fires: Closed containers may rupture when exposed to extreme heat.

Dangerous Products of Decomposition: Oxides of carbon, oxides of nitrogen, sodium compounds, hydrocarbons.

Protective Equipment: Firefighters should wear a pressure demand self-contained breathing apparatus and protective clothing.

6. Accidental Release Measures:

Person-Related Safety Precautions: Avoid contact with skin and eyes.

Measures for Environmental Protection: Cover and contain spill with absorbent material. Collect for proper disposal according to local, state, and federal regulations. Clean up with water.

Small Spills: Absorb with earth, sand or other absorbent material and transfer to containers for later disposal. Wipe up with absorbent material (e.g. cloth, fleece) clean surface thoroughly to remove residual contamination.

Large Spills: Stop the flow of material, if this is without risk. Dike the spilled material, where this is possible. Use an absorbent material like vermiculite, sand or earth to soak up the product and place into a container for later disposal. Following product recovery, flush area with water.

7. Handling and Storage:

Information for Safe Handling: Avoid contact with skin or inhalation.

Storage Requirements: Store in dry, well ventilated area. Keep containers tightly closed. Store between 60°F-100°F. Material may freeze below 32°F Material may settle.

8. Exposure Controls and Personal Protection:

Chemical Name / CAS No.	OSHA Exposure Limits	ACGIH Exposure Limits	Other Exposure Limits
1,2-Propylene glycol 57-55-6	Not Established	Not Established	Not Established
Sodium nitrite 7632-00-0	Not Established	Not Established	Not Established
Sodium benzoate 532-32-1	Not Established	Not Established	Not Established

Engineering Controls: No specific measures required if proper PPE precautions are followed.

General Protective and Hygienic Measures: Usual precautionary measures should be adhered to when handling chemicals.

Personal Protective Equipment:

Respiratory Protection: None required if work area is properly ventilated.

Hand Protection: Protective chemical resistant gloves.

Eye Protection: Safety glasses.

Body Protection: Protective work clothing. Launder separately.

Contaminated Gear: Observe local requirements. Dispose of in accordance with local/state/federal regulations.

9. Physical and Chemical Properties:

Physical properties listed where known.

<p>Appearance: Various colored liquid</p> <p>Vapor Pressure: N/A</p> <p>Vapor Density: N/A</p> <p>Specific Gravity 1.03</p> <p>Freezing point: N/A</p> <p>Boiling range: 100°C</p> <p>Evaporation rate: N/A</p> <p>Explosive Limits: N/A</p> <p>Autoignition temperature: 371°C</p>	<p>Odor: Mild</p> <p>Odor threshold: N/A</p> <p>pH: N/A</p> <p>Melting point: N/A</p> <p>Solubility: N/A</p> <p>Flash point: >200°F, 93°C</p> <p>Flammability: N/A</p> <p>Partition coefficient N/A (n-octanol/water):</p> <p>Decomposition temperature: N/A</p>
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10. Stability and Reactivity:

Incompatible Materials: Avoid contact with isocyanates and strong oxidizing agents.

Hazardous Polymerization: Not expected to occur.

Dangerous Products of Decomposition: Oxides of carbon, oxides of nitrogen, sodium compound, hydrocarbons

11. Toxicological Information:

Mixture Toxicity

Inhalation Toxicity LC50: 550 mg/L
Component Toxicity

Toxicity Values Listed if Known

Acute Toxicity:

Eyes: May cause irritation & burns.

Skin: Minor potential for irritation.

Inhalation: Liquid may cause irritation.

Ingestion: May cause irritation & burns.

Chronic Effects: Not expected to cause any adverse chronic health effects.

Routes of Entry: Inhalation, ingestion, skin contact, eye contact

Target Organs: Eyes, skin

Chemicals with Known or Possible Carcinogenic Effects:

<u>CAS Number</u>	<u>Description</u>	<u>% Weight</u>	<u>Carcinogen Rating</u>
None			None

12. Ecological Information:

General Information: Based on experience, no adverse effects are to be expected if correct disposal procedures have been followed as indicated in section 13. Individual component ecotoxicity listed if known.

Component Ecotoxicity

1,2-Propylene glycol

96 Hr LC50 Oncorhynchus mykiss: 51600 mg/L [static]; 96 Hr LC50 Oncorhynchus mykiss: 41 - 47 mL/L [static]; 96 Hr LC50 Pimephales promelas: 51400 mg/L [static]; 96 Hr LC50 Pimephales promelas: 710 mg/L
48 Hr EC50 Daphnia magna: >1000 mg/L [Static]
96 Hr EC50 Pseudokirchneriella subcapitata: 19000 mg/L

Sodium nitrite

96 Hr LC50 Oncorhynchus mykiss: 0.19 mg/L [flow-through] (juvenile); 96 Hr LC50 Oncorhynchus mykiss: 0.092 - 0.13 mg/L [flow-through]; 96 Hr LC50 Oncorhynchus mykiss: 0.4 - 0.6 mg/L [semi-static]; 96 Hr LC50 Oncorhynchus mykiss: 0.65 - 1 mg/L [static]; 96 Hr LC50 Pimephales promelas: 2.3 mg/L [flow-through]; 96 Hr LC50 Pimephales promelas: 20 mg/L [static]

Sodium benzoate

96 Hr LC50 Pimephales promelas: 420 - 558 mg/L [flow-through]; 96 Hr LC50 Pimephales promelas: >100 mg/L [static]
48 Hr EC50 Daphnia magna: <650 mg/L

13. Disposal Considerations:

Recommendation: Observe local requirements. Dispose of in accordance with local/state/federal environmental control laws.

14. Transport Information:

DOT Regulated Components:

This product is not regarded as dangerous goods according to the national and international regulations on the transport of dangerous goods unless specifically cited below:

<u>Agency</u>	<u>Proper Shipping Name</u>	<u>UN Number</u>	<u>Packing Group</u>	<u>Hazard Class</u>
	None			

15. Regulatory Information:

OSHA HAZARD COMMUNICATION STANDARD: This material is classified as hazardous in accordance with OSHA 29 CFR 1910.1200.

SARA 311/312 Hazard Categories: Acute health hazard.

**California Proposition 65
(Safe Drinking Water and Toxic Enforcement Act of 1986)**

This product contains no substances known to the State of California to cause cancer, birth defects or other reproductive harm, at levels which would require a warning under the statute unless otherwise listed:

WARNING: This product can expose you to chemicals listed below, which are known to the State of California to cause cancer, birth defects, or reproductive harm. For more information, visit www.P65Warnings.ca.gov

- None

Massachusetts Right To Know List:

Sodium nitrite 7632-00-0 0.1 to 1.0 %

New Jersey Right To Know List:

1,2-Propylene glycol 57-55-6 40 to 50 %
Sodium nitrite 7632-00-0 0.1 to 1.0%

Pennsylvania Right To Know List:

1,2-Propylene glycol 57-55-6 40 to 50 %
Sodium nitrite 7632-00-0 0.1 to 1.0%

SARA 302 Extremely Hazardous Substances:

- None

Chemicals subject to SARA 313 Reporting:

Sodium nitrite 7632-00-0 0.1 to 1.0 % Emissions

<u>Country</u>	<u>Regulation</u>	<u>All Components Listed</u>
Canada	Canada DSL	Yes
US	Toxic Substances Control Act	Yes

16. Other Information:

Safety Data Sheet issued by Product Safety Department

This information is furnished without warranty, expressed or implied, except that it is accurate to the best knowledge of Carlisle TyrFil. The data on these sheets relates only to the specific material designated herein. Carlisle TyrFil assumes no legal responsibility for use or reliance upon this data. It is the user's responsibility to ensure that their activities comply with federal, state, or local laws.

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