

MATERIAL SAFETY DATA SHEET

1. Product and Company Identification

Product name	Tire Wet Trigger
Synonym(s)	BCBM23CN
CAS #	Mixture
Product Use	Tire care
Manufacturer	ITW Permatex Canada 35 Brownridge Road, Unit 1 Halton Hills, ON L7G 0C6 CA Phone: 1-905-693-8900 Emergency Telephone: 1-877-504-9352

2. Hazards Identification

Emergency overview	CAUTION COMBUSTIBLE LIQUID AND VAPOUR. Contains a potential teratogen. MAY CAUSE SKIN IRRITATION. MAY CAUSE EYE IRRITATION. MAY CAUSE RESPIRATORY TRACT IRRITATION. PROLONGED OR REPEATED CONTACT MAY DRY SKIN AND CAUSE IRRITATION.
Potential short term health effects	
Routes of exposure	Eye, Skin contact, Inhalation, Ingestion.
Eyes	May cause irritation.
Skin	May cause irritation.
Inhalation	May cause respiratory irritation.
Ingestion	Aspiration of material into lungs can cause chemical pneumonitis. May cause stomach distress, nausea or vomiting.
Target organs	Eyes. Skin. Respiratory system. Reproductive System.
Chronic effects	Prolonged or repeated exposure can cause drying, defatting and dermatitis.
Signs and symptoms	Symptoms may include redness, oedema, drying, defatting and cracking of the skin. Symptoms of overexposure may be headache, dizziness, tiredness, nausea and vomiting.
Potential environmental effects	See section 12.

3. Composition/Information on Ingredients

Components	CAS #	Percent
Solvent naphtha (petroleum), heavy aliphatic	64742-96-7	60 - 100
Octamethylcyclotetrasiloxane	556-67-2	0.1 - 1

4. First Aid Measures

First aid procedures	
Eye contact	Flush with cool water. Remove contact lenses, if applicable, and continue flushing. Obtain medical attention if irritation persists.
Skin contact	Flush with cool water. Wash with soap and water. Obtain medical attention if irritation persists.
Inhalation	If symptoms develop move victim to fresh air. If symptoms persist, obtain medical attention.
Ingestion	Do not induce vomiting. If vomiting occurs naturally, have victim lean forward to reduce risk of aspiration. Never give anything by mouth if victim is unconscious, or is convulsing. Obtain medical attention.
Notes to physician	Symptoms may be delayed.

General advice	Ensure that medical personnel are aware of the material(s) involved, and take precautions to protect themselves. If you feel unwell, seek medical advice (show the label where possible). Show this safety data sheet to the doctor in attendance. Keep away from sources of ignition. No smoking. Avoid contact with eyes and skin. Keep out of reach of children.
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5. Fire Fighting Measures

Flammable properties	Combustible by WHMIS criteria.
Extinguishing media	
Suitable extinguishing media	Dry chemical, CO2, water spray or regular foam.
Unsuitable extinguishing media	Not available
Protection of firefighters	
Specific hazards arising from the chemical	Not available
Protective equipment for firefighters	Firefighters should wear full protective clothing including self contained breathing apparatus.
Hazardous combustion products	May include and are not limited to: Oxides of carbon.
Explosion data	
Sensitivity to mechanical impact	Not available.
Sensitivity to static discharge	Not available.

6. Accidental Release Measures

Personal precautions	Keep unnecessary personnel away. Keep people away from and upwind of spill/leak. Do not touch damaged containers or spilled material unless wearing appropriate protective clothing.
Environmental precautions	Do not discharge into lakes, streams, ponds or public waters.
Methods for containment	Stop leak if you can do so without risk. Prevent entry into waterways, sewers, basements or confined areas.
Methods for cleaning up	Remove sources of ignition. Before attempting clean up, refer to hazard data given above. Small spills may be absorbed with non-reactive absorbent and placed in suitable, covered, labelled containers. Prevent large spills from entering sewers or waterways. Contact emergency services and supplier for advice. Never return spills to original containers for re-use.

7. Handling and Storage

Handling	Use only with adequate ventilation. Avoid contact with eyes. When using do not eat or drink. Wash thoroughly after handling. Use good industrial hygiene practices in handling this material. Avoid contact with skin and clothing. Keep container tightly closed. Avoid breathing vapours or mists of this product.
Storage	Keep away from heat and flame. Store in a closed container away from incompatible materials. Keep out of reach of children. Do not store at temperatures above 120°F (49°C).

8. Exposure Controls/Personal Protection

Exposure limits	This material does not have established exposure limits.
Engineering controls	Ensure adequate ventilation.
Personal protective equipment	
Eye/Face protection	Not normally required when used as directed.
Hand protection	If there is constant skin contact, rubber gloves are recommended. Confirm with a reputable supplier first.
Skin and body protection	As required by employer code.
Respiratory protection	Where exposure guideline levels may be exceeded, use an approved NIOSH respirator.

General hygiene considerations

Wash hands before breaks and immediately after handling the product. Handle in accordance with good industrial hygiene and safety practices. When using do not eat or drink.

9. Physical and Chemical Properties

Appearance	Clear
Colour	Colourless
Form	Liquid
Odour	Cherry
Odour threshold	Not available.
Physical state	Liquid.
pH	Not available.
Freezing point	Not available.
Boiling point	Not available.
Pour point	Not available.
Evaporation rate	Not available
Flash point	82.2 °C (180.0 °F) Setaflash Closed Tester
Auto-ignition temperature	Not available.
Flammability Limits in Air, Upper, % by Volume	Not available.
Flammability Limits in Air, Lower, % by Volume	Not available.
Heat of combustion	Not available.
Vapour pressure	Not available.
Vapour density	Not available.
Specific gravity	0.82 - 0.86
Partition coefficient (n-octanol/water)	Not available.
Solubility (Water)	Not available.
Relative density	Not available.
Viscosity	>= 100 SUS
VOC	Not available
Percent volatile	Not available

10. Stability and Reactivity

Reactivity	May react with incompatible materials.
Possibility of hazardous reactions	Hazardous polymerisation does not occur.
Chemical stability	Stable under recommended storage conditions.
Conditions to avoid	Avoid high temperatures. Do not mix with other chemicals.
Incompatible materials	Acids. Oxidizers.
Hazardous decomposition products	May include and are not limited to: Oxides of carbon.

11. Toxicological Information

Toxicological data

Components	Species	Test results
Octamethylcyclotetrasiloxane (CAS 556-67-2)		
Acute		
<i>Dermal</i>		
LD50	Rabbit	1770 mg/kg
<i>Inhalation</i>		
LC50	Rat	12.7 mg/l/4h

Components	Species	Test results
<i>Oral</i> LD50	Rat	1540 mg/kg
Solvent naphtha (petroleum), heavy aliphatic (CAS 64742-96-7)		
Acute <i>Dermal</i> LD50	Rabbit	> 3000 mg/kg
<i>Inhalation</i> LC50	Not available	
<i>Oral</i> LD50	Rat	2500 mg/kg

Effects of acute exposure

Eye contact	May cause irritation.
Skin contact	May cause irritation.
Inhalation	May cause respiratory irritation.
Ingestion	Aspiration of material into lungs can cause chemical pneumonitis. May cause stomach distress, nausea or vomiting.
Sensitisation	Non-hazardous by WHMIS criteria.
Chronic effects	Non-hazardous by WHMIS criteria.
Carcinogenicity	Non-hazardous by WHMIS criteria.
Mutagenicity	Non-hazardous by WHMIS criteria.
Reproductive effects	Non-hazardous by WHMIS criteria.
Teratogenicity	Hazardous by WHMIS criteria.
Name of Toxicologically Synergistic Products	Not available.

12. Ecological Information

Ecotoxicity	Not available.
Persistence and degradability	Not available.
Bioaccumulation/accumulation	Not available
Mobility in environmental media	Not available.
Environmental effects	Not available.
Aquatic toxicity	Not available.
Chemical fate information	Not available.

13. Disposal Considerations

Disposal instructions	Dispose in accordance with all applicable regulations. Review federal, provincial, and local government requirements prior to disposal.
Waste from residues / unused products	Not available
Contaminated packaging	Not available

14. Transport Information

Transportation of Dangerous Goods (TDG - Canada)

Basic shipping requirements:

UN number	UN1268
Proper shipping name	PETROLEUM DISTILLATES, N.O.S.; or PETROLEUM PRODUCTS, N.O.S. (Solvent naphtha (petroleum), heavy aliphatic)
Hazard class	3
Packing group	III
Special provisions	92

Packaging exceptions

Limited quantity <5L

TDG



15. Regulatory Information

Canadian federal regulations This product has been classified in accordance with the hazard criteria of the Controlled Products Regulations and the MSDS contains all the information required by the Controlled Products Regulations.

Canada CEPA Schedule I: Listed substance

Octamethylcyclotetrasiloxane (CAS 556-67-2) Listed.

Canada DSL Challenge Substances: Listed substance

Octamethylcyclotetrasiloxane (CAS 556-67-2) Listed.

WHMIS Classification Exempt - Consumer product

Inventory status

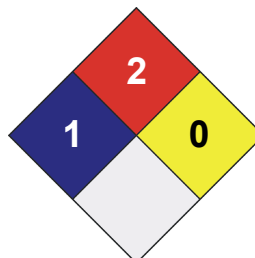
Country(s) or region	Inventory Name	On Inventory (Yes/No)*
Canada	Domestic Substances List (DSL)	Yes
Canada	Non-Domestic Substances List (NDSL)	No

*A "Yes" indicates that all components of this product comply with the inventory requirements administered by the governing country(s)

16. Other Information

LEGEND	
Severe	4
Serious	3
Moderate	2
Slight	1
Minimal	0

HEALTH	*	1
FLAMMABILITY		2
PHYSICAL HAZARD		0
PERSONAL PROTECTION		X



Disclaimer

Information contained herein was obtained from sources considered technically accurate and reliable. While every effort has been made to ensure full disclosure of product hazards, in some cases data is not available and is so stated. Since conditions of actual product use are beyond control of the supplier, it is assumed that users of this material have been fully trained according to the requirements of all applicable legislation and regulatory instruments. No warranty, expressed or implied, is made and supplier will not be liable for any losses, injuries or consequential damages which may result from the use of or reliance on any information contained in this document.

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Other information For an updated MSDS, please contact the supplier/manufacturer listed on the first page of the document.

This MSDS conforms to the ANSI Z400.1/Z129.1-2010 Standard.