



Safety Data Sheet

Carb & Choke Cleaner

SECTION 1. IDENTIFICATION

Product Identifier	Carb & Choke Cleaner
Part number	TNDS8031
Product Family	Mixture
Recommended Use	Cleaner.
Restrictions on Use	None known.
Manufacturer	Shrader Canada Limited, 830 Progress Court, Oakville, ON, L6L 6K1, +1.905.847.0222, www.shradercanada.com
Emergency Phone No.	CANUTEC, +1.613.996.6666, Operation hours: 24/7

SECTION 2. HAZARDS IDENTIFICATION

GHS Classification

Flammable aerosol - Category 1; Gas under pressure - Compressed gas; Serious eye damage/eye irritation - Category 2A; Aspiration hazard - Category 1

GHS Label Elements



Danger

Extremely flammable aerosol.
Contains gas under pressure; may explode if heated.
Pressurized container: may burst if heated.
May be fatal if swallowed and enters airways.
Causes serious eye irritation.

Keep away from heat, sparks, open flames, and hot surfaces. – No smoking.
Do not spray on an open flame or other ignition source.
Pressurized container: Do not pierce or burn, even after use.
Wash hands thoroughly after handling.
Wear eye protection/face protection.

IF SWALLOWED: Immediately call a POISON CENTRE/doctor.
Do NOT induce vomiting.

IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do.
Continue rinsing.

If eye irritation persists: Get medical advice/attention.

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Store locked up.

Protect from sunlight. Do not expose to temperatures exceeding 50 °C/122 °F.

Store in a well-ventilated place.

Dispose of contents/container in accordance with local, regional, national and international regulations.

SECTION 3. COMPOSITION/INFORMATION ON INGREDIENTS

Mixture:

Chemical Name	CAS No.	%	Other Identifiers
Xylene (mixed isomers)	1330-20-7	40-60	
Acetone	67-64-1	15-30	
Petroleum gases, liquefied	68476-85-7	15-30	
Ethylbenzene	100-41-4	10-30	
Methanol	67-56-1	1-3	

SECTION 4. FIRST-AID MEASURES

First-aid Measures

Inhalation

Remove source of exposure or move to fresh air. If breathing is difficult, trained personnel should administer emergency oxygen if advised to do so by Poison Centre or doctor. If breathing has stopped, trained personnel should begin rescue breathing. Get medical attention immediately.

Skin Contact

Take off contaminated clothing, shoes and leather goods (e.g. watchbands, belts). Wash gently and thoroughly with lukewarm, gently flowing water and mild soap for 5 minutes. If skin irritation occurs get medical advice/attention.

Eye Contact

Immediately rinse the contaminated eye(s) with lukewarm, gently flowing water for 15-20 minutes, while holding the eyelid(s) open. Remove contact lenses, if present and easy to do. Continue rinsing. If eye irritation persists, get medical advice/attention.

Ingestion

Never give anything by mouth if victim is rapidly losing consciousness, or is unconscious or convulsing. Do not induce vomiting. If vomiting occurs naturally, lie on your side in the recovery position. Rinse mouth with water again. Drink two glasses of water. Immediately call a Poison Centre or doctor.

SECTION 5. FIRE-FIGHTING MEASURES

Extinguishing Media

Suitable Extinguishing Media

Carbon dioxide or dry chemical.

Unsuitable Extinguishing Media

Do not use a direct stream of water.

Specific Hazards Arising from the Chemical

Extremely flammable liquid and vapour. Can ignite at room temperature. Releases vapour that can form explosive mixture with air. contents under pressure.

sprayed product will project a flame on contact with an ignition source.

Vapours are heavier than air. May travel a considerable distance to a source of ignition and flash back to a leak or open container. containers may explode if heated.

Carbon oxides, and other unidentified organic compounds.

Special Protective Equipment and Precautions for Fire-fighters

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Use extreme caution, fight fire from a safe distance or a protected location.

SECTION 6. ACCIDENTAL RELEASE MEASURES

Personal Precautions, Protective Equipment, and Emergency Procedures

Use the personal protective equipment recommended in Section 8 of this safety data sheet. Evacuate the area immediately. Isolate the hazard area. Keep out unnecessary and unprotected personnel. Eliminate all ignition sources. Use grounded, explosion-proof equipment.

Environmental Precautions

If the spill is inside a building, prevent product from entering drains, ventilation systems and confined areas. Do not allow into any sewer, on the ground or into any waterway.

Methods and Materials for Containment and Cleaning Up

Stop or reduce leak if safe to do so. Contain and soak up spill with absorbent that does not react with spilled product. Place used absorbent into suitable, covered, labelled containers for disposal.

SECTION 7. HANDLING AND STORAGE

Precautions for Safe Handling

It is good practice to: avoid breathing product; avoid skin and eye contact and wash hands after handling. Only use where there is adequate ventilation. Wear personal protective equipment to avoid direct contact with this chemical. Wash hands thoroughly after handling this product and before eating, using the washroom or leaving work area. Do not use on hot vehicles.

Containers of this material may contain hazardous residues when "emptied".

Conditions for Safe Storage

Store in an area that is: cool, dry, well-ventilated.

Store at temperatures not exceeding: 40°C.

SECTION 8. EXPOSURE CONTROLS/PERSONAL PROTECTION

Control Parameters

Chemical Name	ACGIH® TLV®		OSHA PEL	
	TWA	STEL [C]	TWA	Ceiling
Ethylbenzene	20 ppm A3	Not established	100 ppm	Not established
Xylene (mixed isomers)	100 ppm A4	150 ppm A4	435 mg/m3	Not established
Methanol	200 ppm	250 ppm		
Acetone	500 ppm A4	750 ppm A4	1000 ppm	Not established

Critical effect: upper respiratory tract irritation, central nervous system (CNS) impairment.

ACGIH® = American Conference of Governmental Industrial Hygienists. A3 = Animal carcinogen. A4 = Not classifiable as a human carcinogen.

Appropriate Engineering Controls

Sufficient mechanical ventilation to maintain exposures below the TLV. Under normal conditions of use, general ventilation should be satisfactory. Local ventilation is recommended if the product is misted or used in a confined space or if the TLV is exceeded. Make up air should always be supplied to balance air exhausted. Provide eyewash and safety shower if contact or splash hazard exists.

Individual Protection Measures

Eye/Face Protection

Safety glasses with side shields. Contact lenses should not be worn, they may contribute to the severity of the injury.

Skin Protection

Wear chemical protective clothing e.g. gloves, aprons, boots.

Suitable materials are: nitrile rubber, butyl rubber.

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Respiratory Protection

Not normally required if product is used as directed.

SECTION 9. PHYSICAL AND CHEMICAL PROPERTIES

Basic Physical and Chemical Properties

Appearance	Clear colourless Aerosol.
Odour	Hydrocarbon
Odour Threshold	Not available
pH	Not applicable
Melting Point/Freezing Point	Not available (melting)
Initial Boiling Point/Range	Not available
Flash Point	< 11 °C (method not specified)
Evaporation Rate	Not available
Flammability (solid, gas)	Extremely flammable aerosol
Upper/Lower Flammability or Explosive Limit	Not available (upper); Not available (lower)
Vapour Pressure	Not available
Vapour Density (air = 1)	Not available
Relative Density (water = 1)	0.84 at 15 °C
Solubility	Negligible in water
Partition Coefficient, n-Octanol/Water (Log Kow)	Not available
Auto-ignition Temperature	Not available
Decomposition Temperature	Not available
Viscosity	< 14 centistokes at 40°C (kinematic)
Other Information	
VOC %	81 nominal
Flame projection	> 100 cm
NFPA Classification	Aerosol, Level 3

SECTION 10. STABILITY AND REACTIVITY

Reactivity

Not reactive under normal conditions of use.

Chemical Stability

Stable at ambient temperatures and pressures.

Possibility of Hazardous Reactions

None expected under normal conditions of storage and use.

Conditions to Avoid

Open flames, sparks, static discharge, heat and other ignition sources.

Incompatible Materials

Increased risk of fire and explosion on contact with: strong oxidizing agents (e.g. perchloric acid).

Hazardous Decomposition Products

Carbon oxides. And other unidentified organic compounds.

SECTION 11. TOXICOLOGICAL INFORMATION

Information presented below is for the entire product, unless otherwise specified.

Likely Routes of Exposure

Inhalation;
Skin contact;
Eye contact;
Ingestion.

Acute Toxicity

Chemical Name	LC50	LD50 (oral)	LD50 (dermal)
Ethylbenzene	~ 4000 ppm (rat) (4-hour exposure)	3500 mg/kg (rat)	15380 mg/kg (rabbit)
Xylene (mixed isomers)	6350 ppm (male rat) (4-hour exposure)	3523 mg/kg (rat)	> 1700 mg/kg (rabbit)
Methanol	64000 ppm (rat) (4-hour exposure)	5628 mg/kg (rat)	15800 mg/kg
Acetone	30000 ppm (male rat) (4-hour exposure)	5800 mg/kg (female rat)	> 15800 mg/kg (rabbit)

Skin Corrosion/Irritation

Moderate to severe irritant.

Serious Eye Damage/Irritation

Moderate to severe irritant.

STOT (Specific Target Organ Toxicity) - Single Exposure

Inhalation

High concentrations may cause respiratory irritation and central nervous system depression with results ranging from dizziness and headache to unconsciousness.

Skin Absorption

No information was located.

Ingestion

Ingestion of small amounts during normal handling is not likely to cause injury. If large amounts are swallowed can cause effects as described for inhalation. (Methanol) may cause depression of the central nervous system, impaired vision and blindness. In some cases, there may be delayed effects on the nervous system.

Aspiration Hazard

Aspiration into the lungs during swallowing or subsequent vomiting may cause chemical pneumonitis, which can be fatal.

STOT (Specific Target Organ Toxicity) - Repeated Exposure

Conclusions cannot be drawn from the limited studies available.

Respiratory and/or Skin Sensitization

No information was located for respiratory sensitization.

No information was located for skin sensitization.

Carcinogenicity

Chemical Name	ACGIH®	IARC	NTP	OSHA
Ethylbenzene	A3	Group 2B	Not Listed	Not Listed
Xylene (mixed isomers)	A4	Group 3	Not Listed	Not Listed
Petroleum gases, liquefied	Not Listed	Not Listed	Not Listed	Not Listed

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Contains. (Ethylbenzene) which has been classified as a Group 2B carcinogen (possibly carcinogenic to humans).

Key to Abbreviations

ACGIH® = American Conference of Governmental Industrial Hygienists. A3 = Animal carcinogen. A4 = Not classifiable as a human carcinogen.

IARC = International Agency for Research on Cancer. Group 2B = Possibly carcinogenic to humans. Group 3 = Not classifiable as to its carcinogenicity to humans.

Reproductive Toxicity

Development of Offspring

Contains a component that contains xylene, which is reported to be fetotoxic.

Contains. (Methanol) which is reported to be fetotoxic.

Effects on or via Lactation

Xylene can transfer to mother's milk.

No information was located for: Sexual Function and Fertility, Germ Cell Mutagenicity, Interactive Effects

SECTION 12. ECOLOGICAL INFORMATION

This section is not required by WHMIS.

This section is not required by OSHA.

SECTION 13. DISPOSAL CONSIDERATIONS

Disposal Methods

Contents under pressure.

Do not puncture, incinerate or expose to heat when empty.

The container for this product can present explosion or fire hazards, even when emptied. Do not cut, puncture, or weld on or near this container. Empty containers retain product residue. Follow label warnings even if container appears to be empty.

Dispose of in accordance with municipal, provincial/state or federal regulations.

SECTION 14. TRANSPORT INFORMATION

Regulation	UN No.	Proper Shipping Name	Transport Hazard Class(es)	Packing Group
Canadian TDG	UN1950	Aerosols	2.1	---
IMDG (Marine)	UN1950	Aerosols	2.1	---
IATA (Air)	UN1950	Aerosols, flammable	2.1	---

Special Precautions for User Not applicable

Transport in Bulk According to Annex II of MARPOL 73/78 and the IBC Code

Not applicable

Emergency Response Guide No. 126 EmS F-D, S-U

Other Information ICAO/IATA PI Y203/203
Product may ship as LTD QTY if TDG, ICAO/IATA or IMDG Limited Quantity provisions are met.

SECTION 15. REGULATORY INFORMATION

Safety, Health and Environmental Regulations

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Canada

CEPA - National Pollutant Release Inventory (NPRI)

(Ethylbenzene) Part 1A.

(Xylene (mixed isomers)) Part 1A.

(Methanol) Part 5.

USA

Toxic Substances Control Act (TSCA) Section 8(b)

All ingredients are listed on the TSCA Inventory.

Additional USA Regulatory Lists

CERCLA. (Ethylbenzene). (Xylene (mixed isomers)). (Methanol). (Acetone)

SARA Title III - Section 302: Not applicable.

SARA Title III - Section 313. (Ethylbenzene). (Xylene (mixed isomers)). (Methanol)

California Proposition 65. (Ethylbenzene)

Massachusetts Right To Know: Not applicable.

New Jersey Right To Know. (Ethylbenzene). (Xylene (mixed isomers)). (Methanol). (Acetone). (Petroleum gases, liquefied)

Pennsylvania Right To Know. (Ethylbenzene). (Xylene (mixed isomers)). (Methanol). (Acetone). (Petroleum gases, liquefied)

SECTION 16. OTHER INFORMATION

NFPA Rating

Health - 2 Flammability - 3 Instability - 0

Based on Xylene (mixed isomers)

SDS Prepared By

Regulatory Compliance

Phone No.

905.847.0222

Date of Preparation

September 30, 2015

Key to Abbreviations

ACGIH® = American Conference of Governmental Hygienists

CANUTEC = Canadian Transport Emergency Centre

CAS = Chemical Abstract Service

CCOHS = Canadian Centre for Occupational Health & Safety

CNS = Central nervous system

GESTIS = GESTIS Substance Database

HSDB® = Hazardous Substances Data Bank

IARC = International Agency for Research on Cancer

ICAO = International Civil Aviation Organization

IMDG = International Maritime Dangerous Goods Code

LC = Lethal concentration

LC = Lethal dose

NFPA = National Fire Protection Association

NTP = National Toxicology Program

OSHA = US Occupational Safety and Health Administration

PPM = Parts per million

RTECS® = Registry of Toxic Effects of Chemical Substances

STEL = Short term exposure limit

TDG = Transportation of Dangerous Goods Regulations (Canada)

TWA = Time weighted average

References

Material Safety Data Sheet from manufacturer.

CHEMINFO database. Canadian Centre for Occupational Health and Safety (CCOHS).

HSDB® database. US National Library of Medicine. Available from Canadian Centre for Occupational Health and Safety (CCOHS).

Registry of Toxic Effects of Chemical Substances (RTECS®) database. Accelrys, Inc. Available from Canadian Centre for Occupational Health and Safety (CCOHS).

GESTIS Substance Database

ECHA - European Chemical Agency, Classification and Labelling Inventory

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Disclaimer

OECD - The Global Portal to Information on Chemical Substances - eChemPortal, 2015.
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