



SAFETY DATA SHEET

Revision Date 21-Mar-2019

Version 3

1. IDENTIFICATION

Product identifier

Product Name THROTTLE BODY, CARB & CHOKE CLEANER 12 OZ

Other means of identification

Product Code 80279

Recommended use of the chemical and restrictions on use

Recommended Use Fuel Injector/Carburetor Cleaner

Uses advised against No information available

Details of the supplier of the safety data sheet

Manufacturer Address

ITW Permatex
6875 Parkland Blvd.
Solon, Ohio 44139 USA
Telephone: 1-87-Permatex
(866) 732-9502

24-hour emergency phone number

Chem-Tel: 800-255-3924
International Emergency:
00+1+ 813-248-0585
Contract Number: MIS0003453

May Also Be Distributed by:

ITW Permatex Canada
101-2360 Bristol Circle
Oakville, ON Canada L6H 6M5
Telephone: (800) 924-6994

E-mail address: mail@permatex.com

2. HAZARDS IDENTIFICATION

Classification

OSHA Regulatory Status

This chemical is considered hazardous by the 2012 OSHA Hazard Communication Standard (29 CFR 1910.1200)

| | |
|--|---------------|
| Serious eye damage/eye irritation | Category 2A |
| Specific target organ toxicity (single exposure) | Category 3 |
| Flammable aerosols | Category 1 |
| Gases under pressure | Liquefied gas |

Label elements

Emergency Overview

Signal word

Danger

Causes serious eye irritation
May cause respiratory irritation
May cause drowsiness or dizziness
Extremely flammable aerosol
Contains gas under pressure; may explode if heated



Appearance Clear

Physical state Liquid Flammable Aerosol

Odor Solvent

Precautionary Statements - Prevention

Avoid breathing dust/fume/gas/mist/vapors/spray
Use only outdoors or in a well-ventilated area
Wash face, hands and any exposed skin thoroughly after handling
Wear protective gloves/protective clothing/eye protection/face protection
Keep away from heat/sparks/open flames/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

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
IF INHALED: Remove victim to fresh air and keep at rest in a position comfortable for breathing
Call a POISON CENTER or doctor/physician if you feel unwell

Precautionary Statements - Storage

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

Precautionary Statements - Disposal

Dispose of contents/container to an approved waste disposal plant

Hazards not otherwise classified (HNOC)

Not applicable

Other Information

Not applicable

Unknown acute toxicity 10 % of the mixture consists of ingredient(s) of unknown toxicity

3. COMPOSITION/INFORMATION ON INGREDIENTS

| Chemical Name | CAS No | Weight-% |
|----------------|----------|----------|
| ACETONE | 67-64-1 | 60 - 100 |
| CARBON DIOXIDE | 124-38-9 | 7 - 13 |
| HEPTANE | 142-82-5 | 5 - 10 |

4. FIRST AID MEASURES

Description of first aid measures

General advice Get medical advice/attention if you feel unwell.

Eye contact 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.

Skin contact IF ON SKIN: Wash skin with soap and water. If skin irritation persists, call a physician.

Take off contaminated clothing and wash before reuse.

Inhalation IF INHALED: Remove victim to fresh air and keep at rest in a position comfortable for breathing. If symptoms persist, call a physician.

Ingestion IF SWALLOWED: Do NOT induce vomiting. Never give anything by mouth to an unconscious person. Call a physician.

Self-protection of the first aider Ensure that medical personnel are aware of the material(s) involved and take precautions to protect themselves.

Most important symptoms and effects, both acute and delayed

Symptoms See section 2 for more information.

Indication of any immediate medical attention and special treatment needed

Note to physicians Treat symptomatically.

5. FIRE-FIGHTING MEASURES

Suitable extinguishing media

Carbon dioxide (CO₂), Dry chemical, Foam

Unsuitable extinguishing media

None

Specific hazards arising from the chemical

Extremely flammable. Heating causes rise in pressure with risk of bursting. Vapors may travel to source of ignition and flash back.

Explosion data

Sensitivity to Mechanical Impact None.

Sensitivity to Static Discharge None.

Protective equipment and precautions for firefighters

As in any fire, wear self-contained breathing apparatus pressure-demand, MSHA/NIOSH (approved or equivalent) and full protective gear.

6. ACCIDENTAL RELEASE MEASURES

Personal precautions, protective equipment and emergency procedures

Personal precautions Ensure adequate ventilation, especially in confined areas. Avoid contact with skin, eyes or clothing. Use personal protective equipment as required. Remove all sources of ignition. Contents under pressure. Do not puncture or incinerate cans.

Environmental precautions

Environmental precautions See section 12 for additional ecological information. Do not flush into surface water or sanitary sewer system.

Methods and material for containment and cleaning up

Methods for containment Prevent further leakage or spillage if safe to do so.

Methods for cleaning up Eliminate all ignition sources if safe to do so. Ensure adequate ventilation. Soak up with inert absorbent material. Sweep up and shovel into suitable containers for disposal.

Prevention of secondary hazards Clean contaminated objects and areas thoroughly observing environmental regulations.

7. HANDLING AND STORAGE

Precautions for safe handling

Advice on safe handling

Handle in accordance with good industrial hygiene and safety practice. Avoid breathing vapors or mists. Avoid contact with skin, eyes or clothing. Wash thoroughly after handling. Wash contaminated clothing before reuse. Use personal protective equipment as required. Keep away from heat/sparks/open flames/hot surfaces. - No smoking. Contents under pressure. Do not stick pin or any other sharp object into opening on top of can.

Conditions for safe storage, including any incompatibilities

Storage Conditions

Store locked up. Do not expose to temperatures exceeding 50 °C/122 °F. Keep away from heat, sparks, flame and other sources of ignition (i.e., pilot lights, electric motors and static electricity).

Incompatible materials

Strong oxidizing agents, Reducing agents, Acids, Alkalis

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

Control parameters

Exposure Guidelines

| Chemical Name | ACGIH TLV | OSHA PEL | NIOSH IDLH |
|----------------------------|----------------------------------|--|---|
| ACETONE 67-64-1 | STEL: 500 ppm TWA: 250 ppm | TWA: 1000 ppm TWA: 2400 mg/m ³ (vacated) TWA: 750 ppm (vacated) TWA: 1800 mg/m ³ (vacated) STEL: 2400 mg/m ³ The acetone STEL does not apply to the cellulose acetate fiber industry. It is in effect for all other sectors. (vacated) STEL: 1000 ppm | IDLH: 2500 ppm TWA: 250 ppm TWA: 590 mg/m ³ |
| CARBON DIOXIDE 124-38-9 | STEL: 30000 ppm TWA: 5000 ppm | TWA: 5000 ppm TWA: 9000 mg/m ³ (vacated) TWA: 10000 ppm (vacated) TWA: 18000 mg/m ³ (vacated) STEL: 30000 ppm (vacated) STEL: 54000 mg/m ³ | IDLH: 40000 ppm TWA: 5000 ppm TWA: 9000 mg/m ³ STEL: 30000 ppm STEL: 54000 mg/m ³ |
| HEPTANE 142-82-5 | STEL: 500 ppm TWA: 400 ppm | TWA: 500 ppm TWA: 2000 mg/m ³ (vacated) TWA: 400 ppm (vacated) TWA: 1600 mg/m ³ (vacated) STEL: 500 ppm (vacated) STEL: 2000 mg/m ³ | IDLH: 750 ppm Ceiling: 440 ppm 15 min Ceiling: 1800 mg/m ³ 15 min TWA: 85 ppm TWA: 350 mg/m ³ |

NIOSH IDLH *Immediately Dangerous to Life or Health*

Other Information

Vacated limits revoked by the Court of Appeals decision in AFL-CIO v. OSHA, 965 F.2d 962 (11th Cir., 1992).

Appropriate engineering controls

Engineering Controls

Showers
Eyewash stations
Ventilation systems

Individual protection measures, such as personal protective equipment

Eye/face protection

Wear safety glasses with side shields (or goggles).

Skin and body protection

Wear protective natural rubber, nitrile rubber, Neoprene™ or PVC gloves.

Respiratory protection

Use NIOSH-approved air-purifying respirator with organic vapor cartridge or canister, as

appropriate.

General Hygiene Considerations Handle in accordance with good industrial hygiene and safety practice. Regular cleaning of equipment, work area and clothing is recommended.

9. PHYSICAL AND CHEMICAL PROPERTIES

9.1. Information on basic physical and chemical properties

Physical state Liquid Flammable Aerosol
Appearance Clear
Odor Solvent
Odor threshold No information available

| | | |
|------------------------|----------------------|--------------------------------|
| <u>Property</u> | <u>Values</u> | <u>Remarks • Method</u> |
|------------------------|----------------------|--------------------------------|

| | | |
|--------------------------------|--------------------------|--|
| pH | No information available | |
| Melting point / freezing point | No information available | |
| Boiling point / boiling range | > 38 °C / > 100 °F | |
| Flash point | < -25 °C / < -13 °F | Gives a flame projection at full valve opening or flashback at any degree of valve opening |

| | | |
|------------------|-----|-------------------|
| Evaporation rate | > 1 | Butyl acetate = 1 |
|------------------|-----|-------------------|

| | | |
|---------------------------|--------------------------|--|
| Flammability (solid, gas) | No information available | |
|---------------------------|--------------------------|--|

| | | |
|---------------------------|--------------------------|--|
| Flammability Limit in Air | No information available | |
|---------------------------|--------------------------|--|

| | | |
|---------------------------|--------------------------|--|
| Upper flammability limit: | No information available | |
|---------------------------|--------------------------|--|

| | | |
|---------------------------|--------------------------|--|
| Lower flammability limit: | No information available | |
|---------------------------|--------------------------|--|

| | | |
|----------------|--------------------------|--|
| Vapor pressure | No information available | |
|----------------|--------------------------|--|

| | | |
|---------------|----|---------|
| Vapor density | >1 | Air = 1 |
|---------------|----|---------|

| | | |
|------------------|------|--|
| Relative density | 0.78 | |
|------------------|------|--|

| | | |
|------------------|--------------------------|--|
| Water solubility | No information available | |
|------------------|--------------------------|--|

| | | |
|-----------------|--------------------------|--|
| Solubility(ies) | No information available | |
|-----------------|--------------------------|--|

| | | |
|-----------------------|--------------------------|--|
| Partition coefficient | No information available | |
|-----------------------|--------------------------|--|

| | | |
|--------------------------|--------------------------|--|
| Autoignition temperature | No information available | |
|--------------------------|--------------------------|--|

| | | |
|---------------------------|--------------------------|--|
| Decomposition temperature | No information available | |
|---------------------------|--------------------------|--|

| | | |
|---------------------|--------------------------|--|
| Kinematic viscosity | No information available | |
|---------------------|--------------------------|--|

| | | |
|-------------------|--------------------------|--|
| Dynamic viscosity | No information available | |
|-------------------|--------------------------|--|

| | | |
|----------------------|--------------------------|--|
| Explosive properties | No information available | |
|----------------------|--------------------------|--|

| | | |
|----------------------|--------------------------|--|
| Oxidizing properties | No information available | |
|----------------------|--------------------------|--|

Other Information

| | | |
|-----------------|--------------------------|--|
| Softening point | No information available | |
|-----------------|--------------------------|--|

| | | |
|------------------|--------------------------|--|
| Molecular weight | No information available | |
|------------------|--------------------------|--|

| | | |
|-----------------|------|--|
| VOC Content (%) | 8.9% | |
|-----------------|------|--|

| | | |
|---------|--------------------------|--|
| Density | No information available | |
|---------|--------------------------|--|

| | | |
|--------------|--------------------------|--|
| Bulk density | No information available | |
|--------------|--------------------------|--|

| | | |
|--|--------------------------|--|
| SADT (self-accelerating decomposition temperature) | No information available | |
|--|--------------------------|--|

10. STABILITY AND REACTIVITY

Reactivity
 No information available

Chemical stability
 Stable under normal conditions

Possibility of Hazardous Reactions
 None under normal processing.

Conditions to avoid
 Heat, flames and sparks.

Incompatible materials

Strong oxidizing agents, Reducing agents, Acids, Alkalis

Hazardous Decomposition Products

Carbon oxides

11. TOXICOLOGICAL INFORMATION

Information on likely routes of exposure

- Inhalation** May cause irritation of respiratory tract. May cause drowsiness or dizziness.
- Eye contact** Contact with eyes may cause irritation. May cause redness and tearing of the eyes.
- Skin contact** May cause skin irritation and/or dermatitis.
- Ingestion** Ingestion may cause irritation to mucous membranes.

| Chemical Name | Oral LD50 | Dermal LD50 | Inhalation LC50 |
|---------------------|----------------------|--------------------------|---------------------------------------|
| ACETONE 67-64-1 | = 5800 mg/kg (Rat) | > 15700 mg/kg (Rabbit) | = 50100 mg/m ³ (Rat) 8 h |
| HEPTANE 142-82-5 | - | = 3000 mg/kg (Rabbit) | = 103 g/m ³ (Rat) 4 h |

Information on toxicological effects

Symptoms No information available.

Delayed and immediate effects as well as chronic effects from short and long-term exposure

- Sensitization** No information available.
- Germ cell mutagenicity** No information available.
- Carcinogenicity** No information available.
- Target Organ Effects** Central nervous system, Central Vascular System (CVS), Eyes, Respiratory system, Skin.

The following values are calculated based on chapter 3.1 of the GHS document .

- ATEmix (oral)** 7152 mg/kg
- ATEmix (dermal)** 12304 mg/kg
- ATEmix (inhalation-dust/mist)** 112 mg/l

12. ECOLOGICAL INFORMATION

Ecotoxicity

0 % of the mixture consists of component(s) of unknown hazards to the aquatic environment

Persistence and degradability

No information available.

Bioaccumulation

No information available.

Mobility

No information available.

| Chemical Name | Partition coefficient |
|---------------------|-----------------------|
| ACETONE 67-64-1 | -0.24 |
| HEPTANE 142-82-5 | 4.66 |

Other adverse effects
 No information available

13. DISPOSAL CONSIDERATIONS

Waste treatment methods

Disposal of wastes This material, as supplied, is a hazardous waste according to federal regulations (40 CFR 261).

Contaminated packaging Do not reuse container.

US EPA Waste Number D001

This product contains one or more substances that are listed with the State of California as a hazardous waste.

| Chemical Name | California Hazardous Waste Status |
|---------------------|-----------------------------------|
| ACETONE 67-64-1 | Ignitable |
| HEPTANE 142-82-5 | Toxic Ignitable |

14. TRANSPORT INFORMATION

DOT

UN/ID No 1950
Proper shipping name: Aerosols, Limited Quantity (LQ)
Hazard Class 2.1
Emergency Response Guide Number 126

IATA

UN/ID No ID 8000
Proper shipping name: Consumer commodity
Hazard Class 9
ERG Code 9L

IMDG

UN/ID No 1950
Proper shipping name: Aerosols, Limited Quantity (LQ)
Hazard Class 2.1
EmS-No F-D, S-U

15. REGULATORY INFORMATION

International Inventories

TSCA Complies
DSL/NDL Complies
EINECS/ELINCS Complies
ENCS Complies
IECSC Complies
KECL Complies
PICCS Complies
AICS Not determined

Legend:

TSCA - United States Toxic Substances Control Act Section 8(b) Inventory

DSL/NDL - Canadian Domestic Substances List/Non-Domestic Substances List
EINECS/ELINCS - European Inventory of Existing Chemical Substances/European List of Notified Chemical Substances
ENCS - Japan Existing and New Chemical Substances
IECSC - China Inventory of Existing Chemical Substances
KECL - Korean Existing and Evaluated Chemical Substances
PICCS - Philippines Inventory of Chemicals and Chemical Substances
AICS - Australian Inventory of Chemical Substances

US Federal Regulations

SARA 313

Section 313 of Title III of the Superfund Amendments and Reauthorization Act of 1986 (SARA). This product does not contain any chemicals which are subject to the reporting requirements of the Act and Title 40 of the Code of Federal Regulations, Part 372

SARA 311/312 Hazard Categories

| | |
|--|-----|
| Acute health hazard | Yes |
| Chronic Health Hazard | No |
| Fire hazard | Yes |
| Sudden release of pressure hazard | No |
| Reactive Hazard | No |

CWA (Clean Water Act)

This product does not contain any substances regulated as pollutants pursuant to the Clean Water Act (40 CFR 122.21 and 40 CFR 122.42)

CERCLA

This material, as supplied, contains one or more substances regulated as a hazardous substance under the Comprehensive Environmental Response Compensation and Liability Act (CERCLA) (40 CFR 302)

| Chemical Name | Hazardous Substances RQs | CERCLA/SARA RQ | Reportable Quantity (RQ) |
|--------------------|--------------------------|----------------|--|
| ACETONE 67-64-1 | 5000 lb | - | RQ 5000 lb final RQ RQ 2270 kg final RQ |

US State Regulations

California Proposition 65

This product is not known to contain any chemicals listed as carcinogens or reproductive toxins.

U.S. State Right-to-Know Regulations

| Chemical Name | New Jersey | Massachusetts | Pennsylvania |
|----------------------------|------------|---------------|--------------|
| ACETONE 67-64-1 | X | X | X |
| CARBON DIOXIDE 124-38-9 | X | X | X |
| HEPTANE 142-82-5 | X | X | X |

U.S. EPA Label Information

EPA Pesticide Registration Number Not applicable

WHMIS Hazard Class

A Compressed gases, B5 - Flammable aerosol, D2B - Toxic materials

16. OTHER INFORMATION, INCLUDING DATE OF PREPARATION OF THE LAST REVISION

| | | | | |
|-------------|-------------------------|-----------------------|---------------------------|------------------------------|
| NFPA | Health hazards 2 | Flammability 3 | Instability 0 | - |
| HMIS | Health hazards 2 | Flammability 3 | Physical hazards 0 | Personal protection B |

NFPA (National Fire Protection Association)
HMIS (Hazardous Material Information System)

Revision Date 21-Mar-2019

Disclaimer

The information provided in this Safety Data Sheet is correct to the best of our knowledge, information and belief at the date of its publication. The information given is designed only as a guidance for safe handling, use, processing, storage, transportation, disposal and release and is not to be considered a warranty or quality specification. The information relates only to the specific material designated and may not be valid for such material used in combination with any other materials or in any process, unless specified in the text.

End of Safety Data Sheet