



CRC® Guaranteed To Pass® Emissions System Cleaner, 12 Fl Oz

Safety Data Sheet

according to 29 CFR § 1910.1200, Hazard Communication Standard (HCS)
Issue date: 3/11/2025 Version: 1.0

SECTION 1: Identification

1.1. Identification

Trade name : CRC® Guaranteed To Pass® Emissions System Cleaner, 12 Fl Oz
Product code : 1003679
Part number : 05063
EPA Registration Number : EPA: 048320032

1.2. Recommended use and restrictions on use

Recommended use : Fuel system additive
Restrictions on use : None known

1.3. Supplier

Manufactured or sold by:

CRC Industries, Inc.
885 Louis Dr.
Warminster, PA 18974
United States
T 1-800-556-5074
crcindustries.com

1.4. Emergency telephone number

Emergency number : 1-800-424-9300
24-Hour Emergency

SECTION 2: Hazard(s) identification

2.1. Classification of the substance or mixture

GHS US classification

Flammable liquid, Category 4	Combustible liquid.
Acute toxicity (inhalation:dust,mist), Category 4	Harmful if inhaled.
Skin corrosion/irritation, Category 2	Causes skin irritation.
Germ cell mutagenicity, Category 2	Suspected of causing genetic defects.
Carcinogenicity, Category 2	Suspected of causing cancer.
Aspiration hazard, Category 1	May be fatal if swallowed and enters airways.
Hazardous to the aquatic environment — Acute Hazard, Category 2	Toxic to aquatic life.
Hazardous to the aquatic environment — Chronic Hazard, Category 2	Toxic to aquatic life with long lasting effects.

2.2. GHS Label elements, including precautionary statements

GHS US labeling

Hazard pictograms (GHS US)



Signal word (GHS US) : Danger
Hazard statements (GHS US) : Combustible liquid
May be fatal if swallowed and enters airways
Causes skin irritation

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Precautionary statements (GHS US)	Harmful if inhaled Suspected of causing genetic defects. Suspected of causing cancer.
	: Obtain special instructions before use. Do not handle until all safety precautions have been read and understood. Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking. Avoid breathing vapors. Use only outdoors or in a well-ventilated area. Maintain ventilation during use and until all vapors are gone. Open doors and windows or use other means to ensure a fresh air supply during use. If you experience any symptoms listed on this label, increase ventilation or leave the area. Wash hands thoroughly after handling. Wear protective gloves, protective clothing, eye and face protection. If swallowed: Immediately call a poison center or doctor. Do NOT induce vomiting. If inhaled: Remove person to fresh air and keep comfortable for breathing. Call a poison center or doctor if you feel unwell. If skin irritation occurs: Get medical advice or attention. If on skin: Wash with plenty of water. Take off contaminated clothing and wash it before reuse. If exposed or concerned: Get medical advice/attention. In case of fire: Use appropriate media to extinguish. Store locked up. Keep cool. Store in a well-ventilated place. Dispose of contents/container in accordance with local/regional/national regulations.

2.3. Other hazards which do not result in classification

No additional information available

2.4. Unknown acute toxicity (GHS US)

No additional information available

SECTION 3: Composition/Information on ingredients

3.1. Substances

Not applicable

3.2. Mixtures

Name	Chemical name / Synonyms	Product identifier	%
Distillates (petroleum), hydrodesulfurized middle	Distillates (petroleum), hydrodesulfurized middle	CAS-No.: 64742-80-9	80 – 100
Solvent naphtha (petroleum), light arom.	Solvent naphtha (petroleum), light arom.	CAS-No.: 64742-95-6	5 – 10
Polyolefin alkyl phenol alkyl amine	Polyolefin alkyl phenol alkyl amine	CAS-No.: Polyolefin alkyl phenol alkyl amine	3 – 7
Benzene, 1,2,4-trimethyl-	1,2,4-Trimethylbenzene	CAS-No.: 95-63-6	0.5 – 1.5

Comments : Specific chemical identity and/or percentage of composition has been withheld as a trade secret.

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SECTION 4: First-aid measures

4.1. Description of first aid measures

First-aid measures general	: Call a poison center/doctor/physician if you feel unwell. Ensure that medical personnel are aware of the material(s) involved, and take precautions to protect themselves.
First-aid measures after inhalation	: Remove person to fresh air and keep comfortable for breathing. Give oxygen or artificial respiration if necessary. Call a poison center/doctor/physician if you feel unwell.
First-aid measures after skin contact	: Wash skin with soap and water. Remove/Take off immediately all contaminated clothing. If skin irritation occurs: Get medical advice/attention.
First-aid measures after eye contact	: Rinse eyes with water as a precaution. Remove contact lenses, if present and easy to do. Continue rinsing.
First-aid measures after ingestion	: Do not induce vomiting. If vomiting occurs, keep head low so that stomach content doesn't get into the lungs. Call a physician immediately. Do not use mouth-to-mouth method if victim ingested the substance. Induce artificial respiration with the aid of a pocket mask equipped with a one-way valve or other proper respiratory medical device.

4.2. Most important symptoms and effects (acute and delayed)

Symptoms/effects after inhalation	: Harmful if inhaled.
Symptoms/effects after skin contact	: Causes skin irritation.
Symptoms/effects after eye contact	: Direct contact with the eyes is likely to be irritating.
Symptoms/effects after ingestion	: Aspiration may cause pulmonary edema and pneumonitis.

4.3. Immediate medical attention and special treatment, if necessary

Treat symptomatically.

SECTION 5: Fire-fighting measures

5.1. Suitable (and unsuitable) extinguishing media

Suitable extinguishing media	: Water fog. Dry powder. Alcohol resistant foam. Carbon dioxide.
Unsuitable extinguishing media	: Do not use a heavy water stream.

5.2. Specific hazards arising from the chemical

Fire hazard	: Combustible liquid.
Explosion hazard	: No direct explosion hazard.
Hazardous decomposition products in case of fire	: Toxic fumes may be released.

5.3. Special protective equipment and precautions for fire-fighters

Firefighting instructions	: Fight fire from safe distance and protected location. Do not enter fire area without proper protective equipment, including respiratory protection.
Protection during firefighting	: Do not attempt to take action without suitable protective equipment. Self-contained breathing apparatus. Complete protective clothing.

SECTION 6: Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures

General measures	: Stop leak if safe to do so. Absorb spillage to prevent material-damage. Notify authorities if product enters sewers or public waters.
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6.1.1. For non-emergency personnel

Protective equipment	: Wear recommended personal protective equipment.
Emergency procedures	: Ventilate spillage area. No open flames, no sparks, and no smoking. Avoid breathing vapors. Avoid contact with skin and eyes.

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6.1.2. For emergency responders

- Protective equipment
- : Do not attempt to take action without suitable protective equipment. For further information refer to section 8: "Exposure controls/personal protection".
- Emergency procedures
- : Evacuate unnecessary personnel. Stop leak if safe to do so.

6.2. Environmental precautions

Avoid release to the environment.

6.3. Methods and material for containment and cleaning up

- For containment
- : Stop leak, if possible without risk. Contain any spills with dikes or absorbents to prevent migration and entry into sewers or streams. Collect spillage.
- Methods for cleaning up
- : Take up liquid spill into absorbent material. Take up mechanically (sweeping, shoveling) and collect in suitable container for disposal. Clean surface thoroughly to remove residual contamination. Notify authorities if product enters sewers or public waters.
- Additional Regulatory Information
- : Dispose of materials or solid residues at an authorized site.

6.4. Reference to other sections

For further information refer to section 13.

SECTION 7: Handling and storage

7.1. Precautions for safe handling

- Precautions for safe handling
- : Obtain special instructions before use. Do not handle until all safety precautions have been read and understood. Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking. Use caution around energized equipment. The metal container will conduct electricity if it contacts a live source. This may result in injury to the user from electrical shock and/or flash fire. Avoid contact with skin and eyes. Avoid breathing vapors. Use only outdoors or in a well-ventilated area. Maintain ventilation during use and until all vapors are gone. Open doors and windows or use other means to ensure a fresh air supply during use. If you experience any symptoms listed on this label, increase ventilation or leave the area. Wear personal protective equipment. For product usage instructions, see the product label.
- Hygiene measures
- : Wash contaminated clothing before reuse. Do not eat, drink or smoke when using this product. Always observe good personal hygiene measures, such as washing after handling the material and before eating, drinking, and/or smoking. Routinely wash work clothing and protective equipment to remove contaminants.

7.2. Conditions for safe storage, including any incompatibilities

- Technical measures
- : Keep in a cool, well-ventilated place away from heat.
- Storage conditions
- : Store locked up. Store in a well-ventilated place. Store in a cool, dry place out of direct sunlight.
- Packaging materials
- : Store always product in container of same material as original container.

SECTION 8: Exposure controls/personal protection

8.1. Control parameters

Benzene, 1,2,4-trimethyl- (95-63-6)	
USA - ACGIH - Occupational Exposure Limits	
Local name	1,2,4-Trimethyl benzene
ACGIH OEL TWA	10 ppm
Remark (ACGIH)	TLV® Basis: CNS impair; hematologic eff. Notations: A4 (Not classifiable as a Human Carcinogen)

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Benzene, 1,2,4-trimethyl- (95-63-6)	
Regulatory reference	ACGIH 2024
Distillates (petroleum), hydrosulfurized middle (64742-80-9)	
USA - ACGIH - Occupational Exposure Limits	
ACGIH OEL TWA	5 mg/m ³
USA - OSHA - Occupational Exposure Limits	
OSHA PEL C	400 mg/m ³
USA - NIOSH - Occupational Exposure Limits	
NIOSH REL TWA	400 mg/m ³
Remark (NIOSH)	Inhalable fraction.

8.2. Appropriate engineering controls

Appropriate engineering controls : Ensure good ventilation of the work station.
Environmental exposure controls : Avoid release to the environment.

8.3. Individual protection measures/Personal protective equipment

Personal protective equipment:

Wear recommended personal protective equipment.

Hand protection:	
Wear protective gloves such as: Nitrile. Neoprene. Polyvinylchloride (PVC)	
Eye protection:	
Wear safety glasses with side shields (or goggles).	
Respiratory protection:	
If engineering controls are not feasible or if exposure exceeds the applicable exposure limits, use a NIOSH-approved cartridge respirator with an organic vapor cartridge. Use a self-contained breathing apparatus in confined spaces and for emergencies. Air monitoring is needed to determine actual employee exposure levels.	

SECTION 9: Physical and chemical properties

9.1. Information on basic physical and chemical properties

Physical state	: Liquid
Color	: Light yellow
Odor	: Petroleum
Odor threshold	: No data available
Melting point	: No data available
Freezing point	: No data available
Boiling point	: ≥ 205 – ≤ 400 °F (155 °C) estimated
Flammability (solid, gas)	: No data available
Explosion limits	: No data available
Flash point	: 156.2 °F (69 °C) Setflash
Auto-ignition temperature	: No data available
Decomposition temperature	: No data available
pH	: No data available
Viscosity, kinematic	: No data available

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Viscosity, dynamic	: No data available
Solubility	: Water: Negligible
Partition coefficient n-octanol/water (Log Pow)	: No data available
Vapor pressure	: 400 Pa estimated
Evaporation rate	: Slow
Density and/or relative density	
Density	: 6.85 lb/gal
Relative density	: 0.82
Relative vapor density at 20°C	: > 1 (air=1)
Particle characteristics	: No data available
Explosive properties	: No data available
Oxidizing properties	: No data available

9.2. Additional Regulatory Information

No additional information available

SECTION 10: Stability and reactivity

10.1. Reactivity

The product is non-reactive under normal conditions of use, storage and transport.

10.2. Chemical stability

Stable under normal conditions.

10.3. Possibility of hazardous reactions

No dangerous reactions known under normal conditions of use.

10.4. Conditions to avoid

Avoid temperatures exceeding the flash point. Avoid contact with hot surfaces. Heat. No flames, no sparks. Eliminate all sources of ignition.

10.5. Incompatible materials

Strong oxidizing agents.

10.6. Hazardous decomposition products

Aldehydes. Carbon oxides (CO, CO2).

SECTION 11: Toxicological information

11.1. Information on toxicological effects

Symptoms/effects after inhalation	: Harmful if inhaled.
Symptoms/effects after skin contact	: Causes skin irritation.
Symptoms/effects after eye contact	: Direct contact with the eyes is likely to be irritating.
Symptoms/effects after ingestion	: Aspiration may cause pulmonary edema and pneumonitis.
Acute toxicity (oral)	: Not classified (Based on available data, the classification criteria are not met)
Acute toxicity (dermal)	: Not classified (Based on available data, the classification criteria are not met)
Acute toxicity (inhalation)	: Inhalation:dust,mist: Harmful if inhaled.

Solvent naphtha (petroleum), light arom. (64742-95-6)

LD50 oral rat	8400 mg/kg Source: RTECS
LD50 dermal rat	> 2000 mg/kg Source: ECHA
LC50 Inhalation - Rat (Vapors)	5.16 mg/l Source: ECHA

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Benzene, 1,2,4-trimethyl- (95-63-6)	
LD50 oral rat	3400 – 6000 mg/kg Source: International Uniform Chemical Information Database
LD50 dermal rabbit	> 3160 mg/kg Source: International Uniform Chemical Information Database
LC50 Inhalation - Rat	10.2 mg/l air Animal: rat
LC50 Inhalation - Rat (Vapors)	18 mg/l Source: Corporate Solution From Thomson Micromedex
Distillates (petroleum), hydrodesulfurized middle (64742-80-9)	
LD50 oral rat	> 5000 mg/kg Source: ECHA
LD50 dermal rabbit	> 2000 mg/kg Source: ECHA
LC50 Inhalation - Rat (Dust/Mist)	> 4.6 mg/l Source: ECHA
Skin corrosion/irritation	: Causes skin irritation.
Serious eye damage/irritation	: Not classified (Based on available data, the classification criteria are not met)
Respiratory or skin sensitization	: Not classified (Based on available data, the classification criteria are not met)
Germ cell mutagenicity	: Suspected of causing genetic defects.
Carcinogenicity	: Suspected of causing cancer.
Reproductive toxicity	: Not classified (Based on available data, the classification criteria are not met)
Distillates (petroleum), hydrodesulfurized middle (64742-80-9)	
NOAEL (animal/male, F0/P)	≥ 3000 mg/kg body weight Animal: rat, Animal sex: male
STOT-single exposure	: Not classified (Based on available data, the classification criteria are not met)
Benzene, 1,2,4-trimethyl- (95-63-6)	
STOT-single exposure	May cause respiratory irritation.
STOT-repeated exposure	: Not classified (Based on available data, the classification criteria are not met)
Benzene, 1,2,4-trimethyl- (95-63-6)	
NOAEL (oral,rat,90 days)	600 mg/kg body weight Animal: rat, Guideline: OECD Guideline 408 (Repeated Dose 90-Day Oral Toxicity Study in Rodents)
NOAEC (inhalation,rat,vapor,90 days)	1.8 mg/l air Animal: rat, Guideline: OECD Guideline 452 (Chronic Toxicity Studies)
Aspiration hazard	: May be fatal if swallowed and enters airways.
Viscosity, kinematic	: No data available
Solvent naphtha (petroleum), light arom. (64742-95-6)	
Viscosity, kinematic	< 1 mm²/s Temp.: 'other:' Parameter: 'kinematic viscosity (in mm²/s)'

SECTION 12: Ecological information

12.1. Toxicity

Ecology - general : Toxic to aquatic life. Toxic to aquatic life with long lasting effects.

Solvent naphtha (petroleum), light arom. (64742-95-6)	
LC50 - Fish [1]	9.22 mg/l Source: IUCLID
EC50 - Crustacea [1]	6.14 mg/l Source: IUCLID
EC50 72h - Algae [1]	19 mg/l Source: IUCLID
Benzene, 1,2,4-trimethyl- (95-63-6)	
LC50 - Fish [1]	7.72 mg/l Source: The ECOTOXicology database

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Benzene, 1,2,4-trimethyl- (95-63-6)

EC50 - Crustacea [1]	6.14 mg/l Source: International Uniform Chemical Information Database
EC50 96h - Algae [1]	2.356 mg/l Test organisms (species): other:

12.2. Persistence and degradability

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Persistence and degradability	No data is available on the degradability of this product.
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12.3. Bioaccumulative potential

Solvent naphtha (petroleum), light arom. (64742-95-6)

Partition coefficient n-octanol/water (Log Pow)	2.1 – 6 Source: IUCLID
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Benzene, 1,2,4-trimethyl- (95-63-6)

Partition coefficient n-octanol/water (Log Pow)	3.78 Source: National Library of Medicine/Hazardous Substances Data Bank
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Distillates (petroleum), hydrodesulfurized middle (64742-80-9)

Partition coefficient n-octanol/water (Log Pow)	3.9 – 6 Source: IUCLID
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12.4. Mobility in soil

No additional information available

12.5. Other adverse effects

No additional information available

SECTION 13: Disposal considerations

13.1. Disposal methods

Regional waste regulation	: Dispose of contents/container in accordance with local/regional/national regulations.
Waste treatment methods	: Dispose of contents/container in accordance with licensed collector's sorting instructions.
Sewage disposal recommendations	: Do not allow to enter sewers, surface or groundwater.
Product/Packaging disposal recommendations	: Disposal must be done according to official regulations.
Hazardous waste code	: This product is not a RCRA hazardous waste (See 40 CFR Part 261.20 – 261.33).

However, it is the generator's responsibility to determine the proper classification and disposal method at the time of disposal.

Additional information	: Do not re-use empty containers.
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SECTION 14: Transport information

In accordance with DOT / IMDG / IATA

DOT	IMDG	IATA
14.1. UN number		
Not regulated.	Not regulated.	Not regulated.
14.2. Proper Shipping Name		
Not regulated.	Not regulated.	Not regulated.

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DOT	IMDG	IATA
14.3. Transport hazard class(es)		
Not regulated.	Not regulated.	Not regulated.
14.4. Packing group		
Not regulated.	Not regulated.	Not regulated.
14.5. Environmental hazards		
Not regulated.	Not regulated.	Not regulated.
No supplementary information available		

14.6. Special precautions for user

DOT
Not regulated.

IMDG
Not regulated.

IATA
Not regulated.

14.7. Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code

Not applicable

SECTION 15: Regulatory information

15.1. US Federal regulations

Toxic Substances Control Act (TSCA)

All components of this product are present and listed as Active on the United States Environmental Protection Agency Toxic Substances Control Act (TSCA) inventory			
Name	CAS-No.	Commercial status	Flags
Solvent naphtha (petroleum), light arom.	64742-95-6	Active	
Benzene, 1,2,4-trimethyl-	95-63-6	Active	
Polyolefin alkyl phenol alkyl amine	Polyolefin alkyl phenol alkyl amine	Active	
Distillates (petroleum), hydrosulfurized middle	64742-80-9	Active	

Clean Air Act (CAA) Section 112 Hazardous Air Pollutants (HAPs) List

Not listed

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Comprehensive Environmental Response, Compensation, and Liability Act (CERCLA) Hazardous Substance

CERCLA Section 103 (40CFR302.4)	Spills or releases resulting in the loss of any ingredient at or above its RQ require immediate notification to the National Response Center (800-424-8802) and to your Local Emergency Planning Committee.
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Superfund Amendments and Reauthorization Act of 1986 Title III (Emergency Planning and Community Right-to-Know Act of 1986)

Section 302 Extremely Hazardous Substance

Not listed

Section 304 Emergency Release Notification

Not listed

Sections 311/312 Hazard Classification

Not listed

Section 313 (TRI Reporting)

Chemical(s) subject to the reporting requirements of Section 313 or Title III of the Superfund Amendments and Reauthorization Act (SARA) of 1986 and 40 CFR Part 372.

Benzene, 1,2,4-trimethyl-	CAS-No.95-63-6	0.5 – 1.5%
Benzene, (1-methylethyl)-	CAS-No.98-82-8	0.075 – 0.15%

15.2. International regulations

No additional information available

15.3. US State regulations

California Proposition 65



WARNING:

This product can expose you to chemicals including Benzene, which is known to the State of California to cause cancer and birth defects or other reproductive harm. For more information go to www.P65Warnings.ca.gov.

U.S. - California - Proposition 65 - Carcinogens List	
Cumene(98-82-8)	XLISTED
Benzene(71-43-2)	XLISTED
Furan(110-00-9)	XLISTED
Propylene oxide(75-56-9)	XLISTED
Acetaldehyde(75-07-0)	XLISTED
Naphthalene(91-20-3)	XLISTED

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U.S. - California - Proposition 65 - Reproductive Toxicity - Male	
Benzene(71-43-2)	XLISTED

U.S. - California - Proposition 65 - Developmental Toxicity	
Benzene(71-43-2)	XLISTED

State Regulations

Component	State Regulations
Benzene, 1,2,4-trimethyl-(95-63-6)	U.S. - Massachusetts - Right To Know List; U.S. - New Jersey - Right to Know Hazardous Substance List; U.S. - New York City - Right to Know Hazardous Substances List; U.S. - Pennsylvania - RTK (Right to Know) List

15.4 Other Regulatory Information

Volatile organic compound (VOC) regulation

EPA

VOC content (40 CFR 51.100(s))	100 %
Consumer products (40 CFR 59, Subpt. C))	Not regulated.

State

Consumer products	Not regulated.
VOC Content (CA)	95.2 %
VOC Content (OTC)	95.2 %

SECTION 16: Other information

according to 29 CFR § 1910.1200, Hazard Communication Standard (HCS)

Author : Joshua Weir
Other information : CRC # 1756711.

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