

Trio (Aerosol) (Rev5-29-25)

1 PRODUCT AND COMPANY IDENTIFICATION

Product Identifier: Trio (Aerosol) (Rev5-29-25)
SDS Number: A235C
Product Code: A235
Revision Date: 5/29/2025
Product Use: Multi-Use Mechanical Spray

Supplier Details: Wechem, Inc
 5734 Susitna Dr
 Harahan, LA 70123

Contact: Ligia M. Hernandez
Phone: 504-733-1152
Fax: 504-733-2218
Web: www.wechem.com

Emergency Telephone Number:
 INFOTRAC
 1-800-535-5053

2 HAZARDS IDENTIFICATION

Classification of the Substance or Mixture

GHS Classification in Accordance with 29 CFR 1910 (OSHA HCS):

Physical, Gases Under Pressure, Compressed Gas
 Health, Aspiration hazard, 1
 Health, Aspiration hazard, 2
 Health, Reproductive toxicity, 2

GHS Label Elements, Including Precautionary Statements

GHS Signal Word: **DANGER**

GHS Hazard Pictograms:



GHS Hazard Statements:

H280 - Contains gas under pressure; may explode if heated
 H304 - May be fatal if swallowed and enters airways
 H305 - May be harmful if swallowed and enters airways
 H361 - Suspected of damaging fertility or the unborn child.

GHS Precautionary Statements:

P201 - Obtain special instructions before use.
 P202 - Do not handle until all safety precautions have been read and understood.
 P210 - Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking.
 P251 - Do not pierce or burn, even after use.
 P280 - Wear protective gloves/protective clothing/eye protection/face protection.
 P301 + P310 - IF SWALLOWED: Immediately call a POISON CENTER or doctor/physician. Do NOT induce vomiting.
 P303 + P361 + P353 - IF ON SKIN (or hair): Remove/Take off immediately all contaminated clothing. Rinse skin with water/shower.
 P304 + P340 - IF INHALED: Remove victim to fresh air and keep at rest in a position comfortable for breathing.
 P305 + P351 + P338 - IF IN EYES: Rinse continuously with water for several minutes. Remove contact lenses if present and easy to do. Continue rinsing.
 P308 + P313 - IF exposed or concerned: Get medical advice/attention.
 P313 - Get medical advice/attention if symptoms develop or persist.
 P333 + P313 - If skin irritation or a rash occurs: Get medical advice/attention.
 P337 - If eye irritation persists: Get medical advice/attention.
 P405 - Store locked up.
 P410 + P403 - Protect from sunlight. Store in a well ventilated place.

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P412 - Do not expose to temperatures exceeding 50 °C/ 122 °F.

P501 - Dispose of contents/container in accordance with local/regional/national/international regulations.

Hazards not Otherwise Classified (HNOC) or not Covered by GHS

Route of Entry: Inhalation, ingestion, eye, skin
Target Organs: NA
Inhalation: Prolonged inhalation may be harmful.
Skin Contact: May cause irritation.
Eye Contact: Causes irritation.
Ingestion: May cause gastrointestinal irritation.

3 COMPOSITION/INFORMATION ON INGREDIENTS

Chemical Ingredients

CAS#	%	Chemical Name
64742-47-8	30-60%	Distillates, petroleum, hydrotreated light
8042-47-5	30-60%	Mineral oil
556-67-2	1-5%	Cyclotetrasiloxane, octamethyl-
124-38-9	1-5%	Carbon dioxide

4 FIRST AID MEASURES

Inhalation: Remove to fresh air. If not breathing administer artificial respiration. If breathing is difficult give oxygen. Consult a physician.

Skin Contact: Remove contaminated clothes. Wash skin thoroughly with soap and water for 15 minutes. Seek medical attention if irritation develops. Wash contaminated clothing before reuse.

Eye Contact: 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 or attention

Ingestion: Rinse mouth out with water. Do not induce vomiting unless directed by medical authority. Keep head below hips if vomiting occurs. Seek immediate medical attention. Aspiration hazard. Never give anything by mouth to an unconscious person

ACUTE HEALTH HAZARDS: Contact with eyes may cause irritation, redness, tearing. Prolonged contact with skin may cause irritation. Inhalation of mist or vapors may cause respiratory irritation. Ingestion may cause gastrointestinal irritation, nausea, vomiting and diarrhea. Small amounts of liquid aspirated into the lungs during ingestion or from vomiting may cause chemical pneumonitis or pulmonary edema.

CHRONIC HEALTH HAZARDS: None known.

NOTE TO PHYSICIAN: Treatment of overexposure should be directed toward the control of symptoms and the clinical condition. If ingested, material may be aspirated into the lungs and cause chemical pneumonitis. Treat appropriately.

5 FIRE FIGHTING MEASURES

Flammability: Not considered a flammable aerosol or an extremely flammable aerosol by OSHA (29CFR 1910.1200)

EXTINGUISHING MEDIA: Dry chemical, carbon dioxide, alcohol foam, and water spray.

UNSUITABLE EXTINGUISHING MEDIA: Water spray/stream.

SPECIAL FIRE FIGHTING PROCEDURES: Wear full protective clothing and NIOSH approved SCBA with full facepiece operated in positive pressure or pressure demand. Use water mist to keep material cool in fire situations.

UNUSUAL FIRE AND EXPLOSION HAZARDS: Contents under pressure. Exposure to temperatures above 120 °F may cause bursting. Keep away from sparks, open flames, and hot surfaces. No smoking. Do not spray on an open flame or other ignition source.

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HAZARDOUS COMBUSTION PRODUCTS: Oxides of carbon, various hydrocarbons.

Flash Point: > 200 F (93 C)

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ACCIDENTAL RELEASE MEASURES

PERSONAL PROTECTIVE EQUIPMENT: Refer to section VIII for proper Personal Protective Equipment.

SPILL: Eliminate all sources of ignition. Clean up using rag or use some non-combustible material like vermiculite, sand or earth. Prevent spill from entering sewers, storm drains, and natural waterways. Place waste in proper containers for disposal.

WASTE DISPOSAL: Dispose of contents in accordance with federal, state, and local regulations. Do not dump in sewers.

RCRA STATUS: Waste likely considered hazardous under RCRA, however product should be fully characterized prior to disposal (40 CFR 261).

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HANDLING AND STORAGE

Handling Precautions: Keep away from heat, open flames, or other sources of ignition. Wear appropriate protective equipment. Avoid contact with skin, eyes and clothing. Do not inhale mist or vapor. Store in a cool, dry area. Do not use or store with strong oxidizers. Protect from sunlight. Store in a well ventilated place. Do not expose to temperatures exceeding 50 °C/122 °F. Pressurized container: Do not pierce or burn, even after use.

Storage Requirements: Keep out of the reach of children. Read and follow the directions on the product label. They are the best guide to using the product in the most effective manner. The label also gives you the necessary safety precautions to protect your health.

INCOMPATIBILITY: Strong oxidizing agents, strong reducing agents, some plastics.

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EXPOSURE CONTROLS/PERSONAL PROTECTION

Engineering Controls: Good general ventilation (typically 10 air changes per hour) should be used. Ventilation rates should be matched to conditions. If applicable, use process enclosures, local exhaust ventilation, or other engineering controls to maintain airborne levels below recommended exposure limits. If exposure limits have not been established, maintain airborne levels to an acceptable level.

Personal Protective Equipment: RESPIRATORY PROTECTION: Not required with adequate ventilation.
PERSONAL PROTECTIVE EQUIPMENT: Safety glasses and chemical resistant gloves.

Obtain special instructions before use. Do not handle until all safety precautions have been read and understood. Wash hands thoroughly after handling.

Carbon dioxide cas#:(124-38-9) [1-5%]

Components with workplace control parameters

TWA 5,000 ppm USA. ACGIH Threshold Limit Values (TLV)
Asphyxia

STEL 30,000 ppm USA. ACGIH Threshold Limit Values (TLV)
Asphyxia

TWA 10,000 ppm USA. OSHA - TABLE Z-1 Limits for Air Contaminants -
18,000 mg/m3 1910.1000

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Exposures under 10,000 ppm to be cited as de minimus.

STEL 30,000 ppm USA. OSHA - TABLE Z-1 Limits for Air Contaminants -
54,000 mg/m3 1910.1000

TWA 5,000 ppm USA. Occupational Exposure Limits (OSHA) - Table Z- 1
9,000 mg/m3 Limits for Air Contaminants
The value in mg/m3 is approximate.

TWA 5,000 ppm USA. NIOSH Recommended Exposure Limits
9,000 mg/m3
Normal constituent of air (about 300 ppm).

ST 30,000 ppm USA. NIOSH Recommended Exposure Limits
54,000 mg/m3
Normal constituent of air (about 300 ppm).

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PHYSICAL AND CHEMICAL PROPERTIES

Appearance:	Clear to hazy amber spray	Odor:	Acetate odor
Physical State:	Liquid	Solubility:	Non-soluble in water
Spec Grav./Density:	Not considered a flammable aerosol or an extremely flammable aerosol by OSHA (H20=1), 0.80-0.85 @ 77 F (25 C)	Flash Point:	> 200 F (93 C)
Flammability:	(29CFR 1910.1200)	VOC:	<1%
Vapor Pressure:	Not established.		

Dielectric Breakdown= 50,000 volts

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STABILITY AND REACTIVITY

Reactivity:	None known.
Chemical Stability:	This product is stable and non-reactive under normal conditions of use, storage and transport.
Conditions to Avoid:	Temperatures greater than 122 °F and sources of ignition. Avoid incompatibles.
Materials to Avoid:	Strong oxidizing agents, strong reducing agents, some plastics.
Hazardous Decomposition:	Oxides of carbon, various hydrocarbons
Hazardous Polymerization:	Will not occur.

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TOXICOLOGICAL INFORMATION

ROUTES OF ENTRY: Eyes, Ingestion, Inhalation, Skin

EYES: May cause burning, irritation, redness, tearing

INGESTION: May cause gastrointestinal irritation, nausea, diarrhea, vomiting, aspiration hazard.

INHALATION: May cause dizziness. Excessive or prolonged exposure may cause unconsciousness.

SKIN: May cause irritation, localized defatting, dermatitis, with prolonged or repeated contact.

MEDICAL CONDITION AGGRAVATED: None known.

ACUTE HEALTH HAZARDS: Contact with eyes may cause irritation, redness, tearing. Prolonged contact with skin may cause irritation. Inhalation of mist or vapors may cause respiratory irritation. Ingestion may cause gastrointestinal irritation, nausea, vomiting and diarrhea. Small amounts of liquid aspirated into the lungs during ingestion or from vomiting may cause chemical pneumonitis or pulmonary edema.

CHRONIC HEALTH HAZARDS: None known.

CARCINOGENICITY: OSHA: No ACGIH: No NTP: No IARC: No OTHER: N/A

Trio (Aerosol) (Rev5-29-25)

Mineral oil cas#:(8042-47-5) [30-60%]

Information on toxicological effects

Acute toxicity:

Oral LD50 no data available

Inhalation LC50

Dermal LD50

Other information on acute toxicity

Skin corrosion/irritation: no data available

Serious eye damage/eye irritation: no data available

Respiratory or skin sensitization: no data available

Germ cell mutagenicity: no data available

Carcinogenicity:

This product is or contains a component that is not classifiable as to its carcinogenicity based on its IARC, ACGIH, NTP, or EPA classification.

IARC: No component of this product present at levels greater than or equal to 0.1% is identified as probable, possible or confirmed human carcinogen by IARC.

ACGIH: No component of this product present at levels greater than or equal to 0.1% is identified as a carcinogen or potential carcinogen by ACGIH.

NTP: No component of this product present at levels greater than or equal to 0.1% is identified as a known or anticipated carcinogen by NTP.

OSHA: No component of this product present at levels greater than or equal to 0.1% is identified as a carcinogen or potential carcinogen by OSHA.

Reproductive toxicity: no data available

Teratogenicity: no data available

Specific target organ toxicity - single exposure (Globally Harmonized System):
no data available

Specific target organ toxicity - repeated exposure (Globally Harmonized System):
no data available

Aspiration hazard: no data available

Potential health effects: Inhalation May be harmful if inhaled. May cause respiratory tract irritation. Ingestion May be harmful if swallowed. Skin May be harmful if absorbed through skin. May cause skin irritation. Eyes May cause eye irritation.

Signs and Symptoms of Exposure: Aspiration may lead to:, lipid pneumonia, Effects due to ingestion may include:, laxative effect, Gastrointestinal disturbance, To the best of our knowledge, the chemical, physical, and toxicological properties have not been thoroughly investigated.

Synergistic effects: no data available

Additional Information:

RTECS: PY8047000

Trio (Aerosol) (Rev5-29-25)

Cyclotetrasiloxane, octamethyl- cas#:(556-67-2) [1-5%]

Information on toxicological effects

Acute toxicity:

LD50 Oral - rat - > 2,000 mg/kg

LC50 Inhalation - rat - 4 h - 36,000 mg/m3 Remarks: Behavioral:Excitement. Lungs, Thorax, or Respiration:Dyspnea. Skin and Appendages: Other: Hair.

LD50 Dermal - rabbit - > 4,640 mg/kg

no data available

Skin corrosion/irritation: Skin - rabbit Result: No skin irritation - 24 h (OECD Test Guideline 404)

Serious eye damage/eye irritation: Eyes - rabbit Result: No eye irritation - 24 h (OECD Test Guideline 405)

Respiratory or skin sensitisation: Maximisation Test - guinea pig

Result: Does not cause skin sensitisation. (OECD Test Guideline 406)

Germ cell mutagenicity: S. typhimurium Result: negative

Mutagenicity (micronucleus test) rat - male and female

Carcinogenicity:

IARC: No component of this product present at levels greater than or equal to 0.1% is identified as probable, possible or confirmed human carcinogen by IARC.

ACGIH: No component of this product present at levels greater than or equal to 0.1% is identified as a carcinogen or potential carcinogen by ACGIH.

NTP: No component of this product present at levels greater than or equal to 0.1% is identified as a known or anticipated carcinogen by NTP.

OSHA: No component of this product present at levels greater than or equal to 0.1% is identified as a carcinogen or potential carcinogen by OSHA.

Reproductive toxicity: Suspected human reproductive toxicant

Reproductive toxicity - rat - Inhalation:

Effects on Newborn: Live birth index (# fetuses per litter; measured after birth).

Overexposure may cause reproductive disorder(s) based on tests with laboratory animals.

no data available

Specific target organ toxicity - single exposure: no data available

Specific target organ toxicity - repeated exposure: no data available

Aspiration hazard: no data available

Additional Information:

Repeated dose toxicity - rabbit - male and female - Dermal RTECS: GZ4397000

To the best of our knowledge, the chemical, physical, and toxicological properties have not been thoroughly investigated.

Carbon dioxide cas#:(124-38-9) [1-5%]

Information on toxicological effects

Acute toxicity:

Trio (Aerosol) (Rev5-29-25)

Oral LD50 no data available
Inhalation LC50
Dermal LD50
Other information on acute toxicity

Skin corrosion/irritation: no data available

Serious eye damage/eye irritation: no data available

Respiratory or skin sensitization: no data available

Germ cell mutagenicity: no data available

Carcinogenicity:

IARC: No component of this product present at levels greater than or equal to 0.1% is identified as probable, possible or confirmed human carcinogen by IARC.

ACGIH: No component of this product present at levels greater than or equal to 0.1% is identified as a carcinogen or potential carcinogen by ACGIH.

NTP: No component of this product present at levels greater than or equal to 0.1% is identified as a known or anticipated carcinogen by NTP.

OSHA: No component of this product present at levels greater than or equal to 0.1% is identified as a carcinogen or potential carcinogen by OSHA.

Reproductive toxicity: no data available

Teratogenicity: no data available

Specific target organ toxicity - single exposure (Globally Harmonized System):
no data available

Specific target organ toxicity - repeated exposure (Globally Harmonized System):
no data available

Aspiration hazard: no data available

Potential health effects: Inhalation May be harmful if inhaled. May cause respiratory tract irritation. Ingestion May be harmful if swallowed. Skin May cause severe frostbite. May be harmful if absorbed through skin. May cause skin

Eyes May cause eye irritation. Aggravated Acts as a simple asphyxiant by displacing air. , Medical Condition

Signs and Symptoms of Exposure: Nausea, Dizziness, Headache, Low to medium concentrations of carbon dioxide can:, affect regulation of blood circulation, affect the acidity of body fluids, respiratory difficulties, At high concentrations:, Breathing difficulties, Increased pulse rate, change in body acidity, Very high concentrations can cause:, Unconsciousness, death

Synergistic effects: no data available

Additional Information:

RTECS: FF6400000

ECOTOXICITY: Avoid release to the environment.

PERSISTENCE AND DEGRADABILITY: This product is biodegradable.

BIOACCUMULATIVE POTENTIAL: No additional information available.

Trio (Aerosol) (Rev5-29-25)

MOBILITY IN SOIL: N/D

OTHER ADVERSE EFFECTS: None known.

Mineral oil cas#:(8042-47-5) [30-60%]

Information on ecological effects

Toxicity: no data available

Persistence and degradability: no data available

Bioaccumulative potential: Mobility in soil:

PBT and vPvB assessment: no data available

Other adverse effects: no data available

Cyclotetrasiloxane, octamethyl- cas#:(556-67-2) [1-5%]

Information on ecological effects

Toxicity:

Toxicity to fish LC50 - *Leuciscus idus* (Golden orfe) - 200.0 mg/l - 96 h.

Toxicity to daphnia and EC50 - *Daphnia magna* (Water flea) - > 0.015 mg/l - 48 h.

other aquatic invertebrates

Toxicity to algae EC50 - *Selenastrum capricornutum* (green algae) - > 0.022 mg/l - 96 h.

Persistence and degradability: no data available

Bioaccumulative potential: Bioaccumulation *Pimephales promelas* (fathead minnow) - 0.160 µg/l

Bioconcentration factor (BCF): 12,400

Pimephales promelas (fathead minnow) - 28 d

Bioconcentration factor (BCF): 14,261

Mobility in soil: no data available

Results of PBT and vPvB assessment PBT/vPvB assessment not available as chemical safety assessment not required/not conducted

Other adverse effects: An environmental hazard cannot be excluded in the event of unprofessional handling or disposal.

Carbon dioxide cas#:(124-38-9) [1-5%]

Information on ecological effects

Toxicity: no data available

Persistence and degradability: no data available

Bioaccumulative potential: no data available

Mobility in soil: no data available

Trio (Aerosol) (Rev5-29-25)

PBT and vPvB assessment: no data available

Other adverse effects: no data available

13 DISPOSAL CONSIDERATIONS

WASTE DISPOSAL: Dispose of contents in accordance with federal, state, and local regulations. Do not dump in sewers.
 RCRA STATUS: Waste likely considered hazardous under RCRA, however product should be fully characterized prior to disposal (40 CFR 261).

14 TRANSPORT INFORMATION

PROPER SHIPPING NAME: Aerosols, Ltd. Qty.
 HAZARD CLASS/DIVISION: 2.2
 UN/NA NUMBER: UN 1950
 PACKING GROUP: N/A

AIR SHIPMENT

PROPER SHIPPING NAME: Aerosols
 HAZARD CLASS/DIVISION: 2.2
 UN/NA NUMBER: UN 1950
 PACKING GROUP: N/A

SHIPPING BY WATER:

VESSEL (IMO/IMDG)
 PROPER SHIPPING NAME: Aerosols
 HAZARD CLASS/DIVISION: 2.2
 UN/NA NUMBER: UN 1950
 PACKING GROUP: N/A
 ENVIRONMENTAL HAZARDS WATER: N/A

15 REGULATORY INFORMATION

[%] RQ (CAS#) Substance - Reg Codes

[30-60%] Distillates, petroleum, hydrotreated light (64742-47-8) TSCA

[30-60%] Mineral oil (8042-47-5) TSCA

[1-5%] Cyclotetrasiloxane, octamethyl- (556-67-2) GADSL, TSCA

[1-5%] Carbon dioxide (124-38-9) MASS, OSHAWAC, PA, TSCA, TXAIR

This product does not contain chemicals known to the State of California to cause cancer, birth defects, or other reproductive harm.

Regulatory Code Legend

TSCA = Toxic Substances Control Act
 GADSL = Global Automotive Declarable Substance List (GADSL)
 MASS = MA Massachusetts Hazardous Substances List
 OSHAWAC = OSHA workplace Air Contaminants
 PA = PA Right-To-Know List of Hazardous Substances
 TXAIR = TX Air Contaminants with Health Effects Screening Level

16 OTHER INFORMATION

Trio (Aerosol) (Rev5-29-25)

DISCLAIMER: To the best of our knowledge, information contained herein is accurate. However there is no assumption of liability for the accuracy or completeness of the information contained herein. Final determination of suitability of any material is the sole responsibility of the user. All materials may present unknown hazards and should be used with caution. Although certain hazards are described herein, we cannot guarantee that these are the only hazard which exists. The information contained in this SDS was obtained from current and reliable sources; however, the data is provided without any warranty, expressed or implied, regarding its correctness or accuracy. Since the conditions or handling, storage and disposal of this product are beyond the control of the manufacturer, the manufacturer will not be responsible for loss, injury, or expense arising out of the products improper use. No warranty, expressed or inferred, regarding the product described in this SDS shall be created or inferred by any statement in this SDS. Various government agencies may have specific regulations regarding the transportation, handling, storage, use, or disposal of this product which may not be covered by this SDS. The user is responsible for full compliance.

Revision Date: 5/29/2025

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