

SDS

Trio (Aerosol)

SDS Number: A235A

Revision Date: 8/19/2022

Page 1 of 7

1

PRODUCT AND COMPANY IDENTIFICATION

Manufacturer

Wechem, Inc
5734 Susitna Dr
Harahan, LA 70123

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

Product Identifier: Trio (Aerosol)
SDS Number: A235A
Product Code: A235
Revision Date: 8/19/2022
Product Use: Multi-Use Mechanical Spray

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, 2

GHS Label Elements, Including Precautionary Statements

GHS Signal Word: **WARNING**

GHS Hazard Pictograms:



GHS Hazard Statements:

H280 - Contains gas under pressure; may explode if heated
H305 - May be harmful if swallowed and enters airways

GHS Precautionary Statements:

P201 - Obtain special instructions before use.
P202 - Do not handle until all safety precautions have been read and understood.
P251 - Do not pierce or burn, even after use.
P280 - Wear protective gloves/protective clothing/eye protection/face protection.
P301+310 - IF SWALLOWED: Immediately call a POISON CENTER or doctor/physician. Do NOT induce vomiting.
P303+361+353 - IF ON SKIN (or hair): Remove/Take off immediately all contaminated clothing. Rinse skin with water/shower.
P304+340 - IF INHALED: Remove victim to fresh air and keep at rest in a position comfortable for breathing.
P305+351+338 - IF IN EYES: Rinse continuously with water for several minutes. Remove contact lenses if present and easy to do. Continue rinsing.
P308+313 - IF exposed or concerned: Get medical advice/attention.
P313 - Get medical advice/attention if symptoms develop or persist.
P333+313 - 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+403 - Protect from sunlight. Store in a well ventilated place.
P412 - Do not expose to temperatures exceeding 50 °C/ 122 °F.
P501 - Dispose of contents/container in accordance with local/regional/national/international regulations.

Trio (Aerosol)

SDS Number: A235A

Revision Date: 8/19/2022

Page 2 of 7

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:	Expected to be a low hazard.
Eye Contact:	Causes irritation.
Ingestion:	Aspiration into the lungs can cause serious chemical pneumonia.

3

COMPOSITION/INFORMATION ON INGREDIENTS

Chemical Ingredients:		
CAS#	%	Chemical Name:
64741-44-2	85-95%	Distillates, petroleum, straight-run middle
111-76-2	<1%	Ethylene glycol monobutyl ether
28016-00-4	<1%	Naphthalenesulfonic acid, dinonyl-, zinc salt
57855-77-3	<1%	Naphthalenesulfonic acid, dinonyl-, calcium salt

4

FIRST AID MEASURES

Inhalation:	Remove victim to fresh air. Get medical attention if symptoms persist.
Skin Contact:	Wash with plenty of soap and water. Get medical attention if irritation develops and persists.
Eye Contact:	Flush eyes with plenty of water for at least 15 minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Get medical attention if irritation develops and persists.
Ingestion:	Call a physician or poison control center immediately. Rinse mouth. Do not induce vomiting. If vomiting occurs, keep head low so that stomach content doesn't get into the lungs.

Most important symptoms/effects are: Aspiration may cause pulmonary edema and pneumonitis.

Provide general supportive measures and treat symptomatically. Keep victim under observation. Symptoms may be delayed.

General information: If exposed or concerned: Get medical advice/attention. If you feel unwell, seek medical advice (show the label where possible). Ensure that medical personnel are aware of the material(s) involved, and take precautions to protect themselves. Show this safety data sheet to the doctor in attendance.

5

FIRE FIGHTING MEASURES

Flash Point:	232 F (111°C)
Flash Point Method:	PMCC
Extinguishing media:	Water fog. Foam. Dry chemical powder. Dry chemicals. Carbon dioxide (CO ₂), Do not use water jet as an extinguisher, as this will spread the fire.

Firefighters must use Self-contained breathing apparatus and full protective clothing must be worn in case of fire.

SDS

Trio (Aerosol)

SDS Number: A235A

Revision Date: 8/19/2022

Page 3 of 7

In case of fire: Stop leak if safe to do so. Do not move cargo or vehicle if cargo has been exposed to heat. Move containers from fire area if you can do so without risk. Cool containers exposed to heat with water spray and remove container, if no risk is involved. Containers should be cooled with water to prevent vapor pressure build up. For massive fire in cargo area, use unmanned hose holder or monitor nozzles, if possible. If not, withdraw and let fire burn out.

Use standard firefighting procedures and consider the hazards of other involved materials.

6	ACCIDENTAL RELEASE MEASURES
----------	------------------------------------

Keep unnecessary personnel away. Keep people away from and upwind of spill/leak. Keep out of low areas. Remove all possible sources of ignition in the surrounding area. Wear appropriate protective equipment and clothing during clean-up. Emergency personnel need self-contained breathing equipment. Do not touch damaged containers or spilled material unless wearing appropriate protective clothing. Ventilate closed spaces before entering them. Local authorities should be advised if significant spillages cannot be contained. For personal protection, see section 8 of the SDS.

Refer to attached safety data sheets an/or instructions for use. Eliminate all ignition sources (no smoking, flares, sparks, or flames in immediate area). Keep combustibles (wood,paper,oil, etc.) away from spilled material. Stop leak if you can do so without risk. Move the cylinder to a safe and open area if the leak is irreparable. Cover with plastic sheet to prevent spreading. Absorb in vermicuile, dry sand or earth and place into containers. Prevent entry into waterways, sewer, basements or confined areas. Following product recovery, flush area with water.

Small Spills: Wipe up with absorbent material (e.g. cloth,fleece). Clean surface thoroughly to remove residual contamination. For waste disposal, see section 13 of the SDS.

Avoid discharge into drains, water courses or onto the ground.

7	HANDLING AND STORAGE
----------	-----------------------------

Handling Precautions: Obtain special instructions before use. Do not handle until all safety precautions have been read and understood. Pressurized container: Do not pierce or burn, even after use. Do not use if spray button is missing or defective. Do not spray on a naked flame or any other incandescent material. Do not smoke while using or until sprayed surface is thoroughly dry. Do not cut, weld, solder, drill, grind, or expose containers to heat, flame, sparks, or other sources of ignition. Ground and bond containers when transferring material. Do not re-use empty containers. Avoid prolonged or repeated exposure with skin. Avoid prolonged exposure. Use only in well-ventilated areas. Should be handled in closed systems, if possible. Pregnant or breastfeeding women must not handle this product. Wear appropriate personal protective equipment. Wash hands thoroughly after handling. Observe good industrial hygiene practices.

Level 3 Aerosol

Storage Requirements: Store locked up. Contents under pressure. Do not expose to heat or store at temperatures above 120 F/ 49 C as can may burst. Do not puncture, incinerate or crush. Do not handle or store near an open flame, heat or other sources of ignition. Store in a well-ventilated place. Store away from incompatible materials (see Section 10 of the SDS).

Level 3 Aerosol

8	EXPOSURE CONTROLS/PERSONAL PROTECTION
----------	--

Engineering Controls: Good general ventilation (typically 10 air changes per hour) should be used. Ventilation rates should be

Trio (Aerosol)

SDS Number: A235A

Revision Date: 8/19/2022

Page 4 of 7

Personal Protective Equipment:

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.

HMIS PP, B | Goggles, Gloves

Respiratory Protection: Chemical respirator with organic vapor cartridge and full facepiece.

Protective gloves: Use chemical resistant gloves if hand contact will be made.

Eye protection: Chemical respirator with organic vapor cartridge and full facepiece.

Wear appropriate chemical resistant clothing. Use of an impervious apron is recommended.

Wear appropriate thermal protective clothing, when necessary.

When using, do not eat, drink or smoke. 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.

Ethylene glycol monobutyl ether cas#:(111-76-2) [<1%]

Components with workplace control parameters

TWA 20 ppm USA. ACGIH Threshold Limit Values (TLV)

Eye & Upper Respiratory Tract irritation

Confirmed animal carcinogen with unknown relevance to humans

TWA 5 ppm USA. NIOSH Recommended Exposure Limits
24 mg/m3

Potential for dermal absorption

TWA 50 ppm USA. Occupational Exposure Limits (OSHA) - Table Z-1 Limits for Air
240 mg/m3 Contaminants

Skin designation

The value in mg/m3 is approximate.

TWA 25 ppm USA. OSHA - TABLE Z-1 Limits for Air Contaminants - 1910.1000
120 mg/m3

Skin notation

9 PHYSICAL AND CHEMICAL PROPERTIES

Appearance:	Amber	Odor:	Solvent Odor
Physical State:	Liquid	Flash Point:	232 F (111°C)
Spec Grav./Density:	(H2O=1): 0.80 +/- 0.1	VOC:	Not Available

Dielectric Breakdown= 40,000 volts

10 STABILITY AND REACTIVITY

Chemical Stability:	This product is stable and non-reactive under normal conditions of use, storage and transport.
Conditions to Avoid:	Keep away from heat, sparks, and open flame. Avoid temperatures exceeding the flash point. Contact with incompatible materials.
Materials to Avoid:	Strong oxidizing agents.

Trio (Aerosol)

SDS Number: A235A

Revision Date: 8/19/2022

Page 5 of 7

Hazardous Decomposition: No hazardous decomposition products are known.
Hazardous Polymerization: Will not occur.

11

TOXICOLOGICAL INFORMATION

Ethylene glycol monobutyl ether cas#:(111-76-2) [<1%]

Information on toxicological effects

Acute toxicity:

LD50 Oral - rat - 470 mg/kg

LC50 Inhalation - rat - 4 h - 450 ppm Remarks: Behavioral:Ataxia. Nutritional and Gross Metabolic:Weight loss or decreased weight gain.

LD50 Dermal - rabbit - 220 mg/kg

LD50 Intraperitoneal - rat - 220 mg/kg

LD50 Intravenous - rat - 307 mg/kg

Skin corrosion/irritation: Skin - rabbit Result: Open irritation test

Serious eye damage/eye irritation: Eyes - rabbit Result: Moderate eye irritation - 24 h

Respiratory or skin sensitisation: no data available

Germ cell mutagenicity: no data available

Carcinogenicity:

IARC: 3 - Group 3: Not classifiable as to its carcinogenicity to humans (2-Butoxyethanol)

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

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

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:

RTECS: KJ8575000

Human exposure above 200 ppm can be expected to cause narcosis, damage to the kidney and liver and present an abnormal blood picture showing erythropenia, reticulocytosis, granulocytosis, leukocytosis, and would be likely to cause fragility of erythrocytes and hematuria. Swallowing of 2-butoxyethanol results in a sour taste that turns to a burning sensation and is followed by numbness of the tongue which indicates paralysis of the sensory nerve endings., Central nervous system depression, Headache, narcosis
Stomach - Irregularities - Based on Human Evidence

12

ECOLOGICAL INFORMATION

Ethylene glycol monobutyl ether cas#:(111-76-2) [<1%]

Information on ecological effects

Toxicity:

Trio (Aerosol)

SDS Number: A235A

Revision Date: 8/19/2022

Page 6 of 7

Toxicity to fish LC50 - other fish - 220 mg/l - 96 h.
Toxicity to daphnia and EC50 - Daphnia magna (water flea) - 1,815 mg/l - 24 h.
other aquatic invertebrates

Persistence and degradability: no data available

Ratio BOD/ThBOD 88 %

Bioaccumulative potential: no data available

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: no data available

13	DISPOSAL CONSIDERATIONS
-----------	--------------------------------

Consult authorities before disposal. Contents under pressure. Do not puncture, incinerate or crush. Dispose of contents/container in accordance with local/regional/national/international regulations.

The waste code should be assigned in discussion between the user, the producer and the waste disposal company.

Dispose of in accordance with local regulations. Empty containers or liners may retain some product residues. This material and its container must be disposed of in a safe manner (see Disposal instructions).

Empty containers should be taken to an approved waste handling site for recycling or disposal. Since emptied containers may retain product residue, follow label warnings even after container is emptied. Do not re-use empty containers.

14	TRANSPORT INFORMATION
-----------	------------------------------

Domestic Ground in containers <=119 Gal	Lubricating Oil/ Non-Hazardous
Domestic Ground in containers >119 Gal.	Lubricating Oil/ Non-Hazardous

15	REGULATORY INFORMATION
-----------	-------------------------------

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

[85-95%] Distillates, petroleum, straight-run middle (64741-44-2) TSCA

[<1%] Ethylene glycol monobutyl ether (111-76-2) HAP, MASS, OSHAWAC, PA, SARA313, TSCA, TXAIR

[<1%] Naphthalenesulfonic acid, dinonyl-, zinc salt (28016-00-4) TSCA

[<1%] Naphthalenesulfonic acid, dinonyl-, calcium salt (57855-77-3) TSCA

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
HAP = Hazardous Air Pollutants
MASS = MA Massachusetts Hazardous Substances List

SDS

Trio (Aerosol)

SDS Number: A235A

Revision Date: 8/19/2022

Page 7 of 7

OSHA WAC = OSHA Workplace Air Contaminants
PA = PA Right-To-Know List of Hazardous Substances
SARA313 = SARA 313 Title III Toxic Chemicals
TXAIR = TX Air Contaminants with Health Effects Screening Level

16

OTHER INFORMATION

We believe the statements, technical information and recommendations contained herein are reliable, but they are given without warranty or guarantee of any kind.

N/A = Not available N/D = Not determined

Revision Date: 8/19/2022