

SAFETY DATA SHEET

CI Dust Mop Aerosol

Dust Mop Treatment Aerosol · Product Code: CI-8302

For Industrial & Institutional Use Only

■ DANGER

Hazard Statements: Extremely flammable aerosol (H222). May be fatal if swallowed and enters airways (H304). Contains gas under pressure — may explode if heated (H280).

Section 1. Product and Company Identification

Product Name:	CI Dust Mop Aerosol
Product Code:	CI-8302
Use:	Aerosol dust mop treatment / cleaner
Uses Advised Against:	For industrial and institutional use only.

Supplier	Emergency Contact
Chem International 10770 180 St NW Edmonton, AB T5S 2S4 Tel: 1-800-665-7287 cheminternational.com	CHEMTEC (24 hr): (800) 424-9300

Section 2. Hazards Identification

2.1 Classification of the Substance or Mixture

GHS Classification	H-Code
Flammable Aerosol Category 1	H222 — Extremely flammable aerosol
Aspiration Hazard Category 1	H304 — May be fatal if swallowed and enters airways

2.2 Label Elements

Signal Word: DANGER

Appearance: Aerosol / liquid	Physical State: Gas / aerosol	Odour: Characteristic
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Prevention: 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. Do not cut, weld, solder, drill, grind, or expose containers to heat, flame, sparks, or other sources of ignition. Handling this product may result in electrostatic accumulation — use proper grounding procedures. Avoid breathing dust, fume, gas, mist, spray, or vapors. Use only outdoors or in a well-ventilated area. Use personal protective equipment as required.

Response:	If swallowed: Immediately call a poison centre or doctor. Do NOT induce vomiting. If inhaled: Move person to fresh air; consult a doctor if symptoms develop. If on skin: Take off contaminated clothing and rinse skin with water. Get medical attention if irritation or rash occurs. If in eyes: Rinse immediately with plenty of water for 15 minutes; remove contact lenses if present; call a physician immediately.
Storage:	Store locked up. Protect from sunlight. Do not expose to temperatures exceeding 50°C / 122°F. Store in Aerosol Storage Area 3. Take precautionary measures against static discharge.
Disposal:	Dispose of contents and container in compliance with local, provincial/state, national, and international regulations. Do not puncture, incinerate, or crush. Handle empty containers with care — residual vapors are flammable.
Other Hazards:	No additional information available. Unknown acute toxicity: not applicable.

Section 3. Composition / Information on Ingredients

Chemical Name / Component	CAS No.	% (w/w)	GHS Classification
Hydrocarbons, C11–C14, n-alkanes, isoalkanes, cyclics, <2% aromatics	64742-47-8	60–80	Flam. Liq. 4 (H227) Asp. Tox. 1 (H304)
Propane	74-98-6	10–20	Flam. Gas 1 (H220) Compressed gas (H280)
White mineral oil (petroleum)	8042-47-5	10–20	Asp. Tox. 1 (H304)

Section 4. First Aid Measures

General:	Ensure medical personnel are aware of the materials involved and take precautions to protect themselves.
Inhalation:	Move the affected person away from the contaminated area into fresh air. If respiratory problems develop, consult a doctor.
Skin Contact:	Remove contaminated clothing. Rinse skin with water or shower. If skin irritation or rash occurs, get medical attention.
Eye Contact:	Rinse immediately with plenty of water for 15 minutes. Remove contact lenses if present and easy to do. Continue rinsing. Call a physician immediately.
Ingestion:	Rinse mouth. Call a poison centre or doctor if unwell. Do NOT induce vomiting.

Route	Symptoms / Effects
General	May be fatal if swallowed and enters airways.
Inhalation	No effects known under normal use conditions.
Skin Contact	Repeated exposure may cause skin dryness or cracking.
Eye Contact	Direct contact is likely irritating.
Ingestion	May be fatal if swallowed and enters airways. Dizziness possible.

Notes to Physician:	Treat symptomatically. Symptoms may be delayed.
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Section 5. Fire-Fighting Measures

Suitable Extinguishing Media:	Alcohol-resistant foam, water fog, dry chemical powder, carbon dioxide.
Unsuitable Extinguishing Media:	Do not use a water jet — it may cause fire to spread.
Fire Hazard:	Extremely flammable aerosol. Under fire conditions closed containers may rupture or explode.

Explosion Hazard:	Contents under pressure. Pressurized container may burst if heated above 49°C / 120°F.
Hazardous Combustion Products:	CO and CO ₂ are formed upon combustion.
Firefighting Instructions:	Move containers away from the fire area if safe to do so. Use water spray or fog to cool exposed containers. For massive fire in cargo area, use unmanned hose holder or monitor nozzles if possible; otherwise withdraw and let fire burn out. Wear full protective clothing and SCBA in positive-pressure mode.

Section 6. Accidental Release Measures

General Measures:	Evacuate unnecessary personnel. Stay upwind and maintain distance from source. Gas is denser than air — may accumulate in low areas (basements, work pits). Eliminate every possible source of ignition. Isolate from fire if possible without unnecessary risk.
Personal Precautions:	Do not enter without appropriate protective equipment. Do NOT touch spilled material. Ventilate the area thoroughly, especially low-lying areas.
Environmental Precautions:	Prevent runoff from entering drains, sewers, or waterways. Avoid discharge to the environment.
Containment:	Eliminate every ignition source. Keep combustibles away from spilled material. Stop leak if safe. Move cylinder to a safe open area if the leak is irreparable. Isolate area until gas has dispersed. Use water spray to disperse vapors. Prevent product from entering drains or confined areas.
Clean-Up:	Take up liquid spill into absorbent material. Dispose of in accordance with local regulations.

Section 7. Handling and Storage

Safe Handling:	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 incandescent material. Do not smoke while handling. Do not cut, weld, solder, drill, grind, or expose containers to heat, flame, sparks, or ignition sources. Handling may result in electrostatic accumulation — use proper grounding. Do not re-use empty containers. Avoid breathing dust, fume, gas, mist, spray, or vapors. Use only outdoors or in a well-ventilated area.
Hygiene Measures:	Use good personal hygiene practices. Wash hands and other exposed areas with mild soap and water before eating, drinking, or smoking and when leaving work.
Storage Conditions:	Pressurized container — do not puncture, incinerate, or crush. Protect from sunlight. Do not expose to temperatures exceeding 50°C / 122°F. Take precautionary measures against static discharge. Store locked up. Storage area: Aerosol 3.
Incompatible Products:	Strong oxidizing agents.
Incompatible Materials:	Heat sources and sources of ignition.

Section 8. Exposure Controls / Personal Protection

8.1 Occupational Exposure Limits

Component	CAS No.	ACGIH TWA	OSHA PEL
Propane	74-98-6	1,000 ppm	1,000 ppm
White mineral oil (petroleum)	8042-47-5	5 mg/m ³	—

8.2 Exposure Controls

Control / PPE Type	Requirement
Engineering Controls:	Good general ventilation is recommended. Ensure adequate air exchange in enclosed areas.

Hand Protection:	Protective gloves.
Eye / Face Protection:	Chemical goggles or safety glasses.
Skin & Body Protection:	Wear suitable protective clothing.
Respiratory Protection:	Not required under normal use conditions. If permissible exposure levels are exceeded, use a NIOSH mechanical filter / organic vapor cartridge or air-supplied respirator.
Thermal Hazard Protection:	Use appropriate PPE when risk assessment indicates this is necessary.
Consumer Controls:	Do not smoke during use. Take off contaminated clothing and wash before reuse. Wash hands and other exposed areas with mild soap and water before eating, drinking, or smoking.

Section 9. Physical and Chemical Properties

Physical State:	Gas / aerosol	Explosion Limits:	No data available
Appearance:	Aerosol; liquid	Explosive Properties:	No data available
Odour:	Characteristic	Oxidizing Properties:	No data available
Odour Threshold:	No data available	Vapour Pressure:	No data available
pH:	No data available	Relative Density:	No data available
Melting Point:	No data available	Vapour Density at 20°C:	No data available
Freezing Point:	No data available	Specific Gravity:	0.748 g/mL (estimated)
Boiling Point:	No data available	Solubility:	Not determined
Flash Point:	-156°F (propellant, estimated)	Log Pow / Log Kow:	No data available
Evaporation Rate:	No data available	Auto-ignition Temp.:	No data available
Flammability:	Extremely flammable aerosol	Decomposition Temp.:	No data available

VOC Content: Not determined.

Viscosity: No data available.

Section 10. Stability and Reactivity

Reactivity:	Non-reactive under normal conditions of use, storage, and transport. Upon combustion, CO and CO ₂ are formed.
Chemical Stability:	Stable under normal conditions.
Hazardous Reactions:	Hazardous polymerization does not occur.
Conditions to Avoid:	Aerosol containers are unstable at temperatures above 49°C. Avoid temperatures exceeding the flash point.
Incompatible Materials:	Oxidizing agents, chlorine, fluorine, nitrates.
Hazardous Decomposition:	Under normal conditions of storage and use, hazardous decomposition products should not be produced.

Section 11. Toxicological Information

Acute Toxicity (product):	Not classified.
Likely Routes of Exposure:	Skin and eye contact.

White mineral oil (petroleum) — CAS 8042-47-5	
LD50 Oral (rat)	>5,000 mg/kg body weight (OECD 401)
LD50 Dermal (rabbit)	>2,000 mg/kg body weight (OECD 402)
LC50 Inhalation (rat)	>5 mg/L / 4 hr

Hydrocarbons, C11–C14, n-alkanes, isoalkanes, cyclics, <2% aromatics — CAS 64742-47-8	
LD50 Dermal (rabbit)	>5,000 mg/kg body weight (Literature)

Endpoint	Classification / Result
Skin Corrosion / Irritation	Not classified
Serious Eye Damage / Irritation	Not classified
Respiratory or Skin Sensitization	Not classified
Germ Cell Mutagenicity	Not classified
Carcinogenicity	Not classified (White mineral oil: IARC Group 3 — Not Classifiable)
Reproductive Toxicity	Not classified
STOT — Single Exposure	Not classified
STOT — Repeated Exposure	Not classified
Aspiration Hazard	May be fatal if swallowed and enters airways (H304)

Route	Symptoms / Effects
Inhalation	No effects known under normal use.
Skin Contact	Repeated exposure may cause skin dryness or cracking.
Eye Contact	Direct contact is likely irritating.
Ingestion	May be fatal if swallowed and enters airways. Dizziness possible.

Section 12. Ecological Information

12.1 Aquatic Toxicity

White mineral oil (petroleum) — CAS 8042-47-5	
LC50 Fish (96 h)	>100 mg/L (Oncorhynchus mykiss; nominal concentration)
Threshold — Algae (72 h)	≥100 mg/L (Pseudokirchneriella subcapitata; growth rate)

Hydrocarbons, C11–C14, n-alkanes, isoalkanes, cyclics, <2% aromatics — CAS 64742-47-8	
LC50 Fish	>100 mg/L (Pisces)
EC50 Daphnia	>100 mg/L (Invertebrata)
Threshold — Algae	>100 mg/L (Algae)

12.2 Persistence and Degradability

Component	Persistence / Degradability
White mineral oil (petroleum)	Not readily biodegradable in water. No mobility test data available.

Hydrocarbons, C11–C14, n-alkanes, isoalkanes, cyclics, <2% aromatics	Readily biodegradable in water. Adsorbs into soil.
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12.3 Bioaccumulative Potential

Component	Bioaccumulation
White mineral oil (petroleum)	No bioaccumulation data available.
Hydrocarbons, C11–C14, n-alkanes, isoalkanes, cyclics, <2% aromatics	Log Pow 6–8.2. High potential for bioaccumulation (Log Kow >5).

Section 13. Disposal Considerations

Collect and reclaim or dispose in sealed containers at a licensed waste disposal site. Contents under pressure — do not puncture, incinerate, or crush. Dispose of contents and container in compliance with local, provincial/state, national, and international regulations. Empty containers should be taken for recycling or recovery. Handle empty containers with care — residual vapors are flammable. Handle unclean empty containers as full ones. Do not re-use empty containers.

Section 14. Transport Information

Regulation	Proper Shipping Name	UN No.	Class	Pkg Group	Hazard Label
DOT (U.S.)	Aerosols, flammable (each ≤1 L capacity)	UN1950	2.1 (49 CFR 173.115)	N/A	2.1 — Flammable gas
TDG (Canada)	Aerosols, flammable	UN1950	2.1	N/A	2.1 — Flammable gas
IMDG	Aerosols	UN1950	2.1	N/A	Flammable gases
IATA	Aerosols, flammable	UN1950	2.1	N/A	Gases: Flammable

DOT Special Provisions: N82 (49 CFR 172.102)

DOT Packaging Exceptions: 306 (49 CFR 173.xxx)

DOT Qty Limit — Passenger Aircraft: 75 kg

DOT Qty Limit — Cargo Aircraft: 150 kg

DOT Vessel Stowage: Location A; shade from radiant heat; stow separated from Class 1 except Div 1.4; segregation same as Class 9.

Limited Quantity Note: This product may be eligible to ship as a Limited Quantity or Consumer Commodity ORM-D under the exception at 49 CFR 173.306.

Section 15. Regulatory Information

International Inventories

All components of this product are listed, or excluded from listing, on the United States EPA Toxic Substances Control Act (TSCA) inventory.

US Federal Regulations

Regulation	Status
SARA 313	This product does not contain toxic chemicals in excess of the applicable de minimis concentration subject to reporting requirements under SARA Title III, Section 313 (40 CFR Part 372). Propane (74-98-6): not listed on SARA Section 313.

California Proposition 65

This product does not contain substances known to the State of California to cause cancer and/or reproductive toxicity.

Section 16. Other Information

Issue Date:	September 16, 2015
Revision Date:	April 16, 2026
Version:	2
Revision Notes:	Supplier updated to Chem International. Formatting revised to CI standard.
Training Advice:	Normal use of this product shall imply use in accordance with the instructions on the packaging.

NFPA Ratings	
Health: 2 Fire: 4 Reactivity: 0 Special: None	Health 2: Intense or continued exposure could cause temporary incapacitation or possible residual injury unless prompt medical attention is given. Fire 4: Will rapidly or completely vaporize at normal pressure and temperature, or is readily dispersed in air and will burn readily. Reactivity 0: Normally stable, even under fire exposure conditions.

Full Text of H-Phrases

Code	Full Text
H220	Extremely flammable gas
H222	Extremely flammable aerosol
H227	Combustible liquid
H280	Contains gas under pressure; may explode if heated
H304	May be fatal if swallowed and enters airways
Asp. Tox. 1	Aspiration hazard Category 1
Compressed gas	Gases under pressure — Compressed gas
Flam. Aerosol 1	Flammable aerosol Category 1
Flam. Gas 1	Flammable gases Category 1
Flam. Liq. 4	Flammable liquids Category 4

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