

SAFETY DATA SHEET

This safety data sheet was created pursuant to the requirements of: US OSHA Hazard Communication Standard (29 CFR 1910.1200) and Canada WHMIS 2015 which includes the amended Hazardous Products Act (HPA) and the Hazardous Products Regulation (HPR)

Revision Date 03-Feb-2025 Version 1

1. Identification

Product identifier

Product Name 122GA CHAIN LUBE 5 OZ AE

Other means of identification

Product Code 80075

UN number or ID number 1950

Synonyms None

Recommended use of the chemical and restrictions on use

Recommended Use Lubricant

Restrictions on use No information available

Details of the supplier of the safety data sheet

Manufacturer AddressMay Also Be Distributed by:ITW Permatex, Inc.ITW Permatex Canada6875 Parkland Blvd.101-2360 Bristol Circle

Solon, Ohio 44139 USA
Telephone: 1-87-Permatex
Oakville, ON Canada L6H 6M5
Telephone: (800) 924-6994

(866) 732-9502

E-mail address mail@permatex.com

Emergency telephone number

24 Hour Emergency Phone Number Chem-Tel: 800-255-3924

International Emergency: 00+1+ 813-248-0585

Contract Number: MIS0003453

24-hour emergency phone number No information available

2. Hazard(s) identification

Classification

Aerosols	Category 1
Acute toxicity - Inhalation (Vapors)	Category 4
Germ cell mutagenicity	Category 1B
Carcinogenicity	Category 1A

Label elements

Contains DECANE; HYDROCARBONS, C3-4-RICH, PETROLEUM DISTILLATE; DISTILLATES (PETROLEUM), SOLVENT-DEWAXED HEAVY PARAFFINIC



Danger

Hazard statements

Extremely flammable aerosol.
Pressurized container: May burst if heated.
Harmful if inhaled.
May cause genetic defects.
May cause cancer.

Precautionary Statements - Prevention

Obtain special instructions before use.

Do not handle until all safety precautions have been read and understood.

Use personal protective equipment as required.

Avoid breathing dust, fume, gas, mist, vapors and spray.

Use only outdoors or in a well-ventilated area.

Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking.

Pressurized container: Do not pierce or burn, even after use.

Do not spray on an open flame or other ignition source.

Precautionary Statements - Response

IF exposed or concerned: Get medical advice/attention.

Inhalation

IF INHALED: Remove person to fresh air and keep comfortable for breathing.

Precautionary Statements - Storage

Store locked up.

Protect from sunlight. Store in a well-ventilated place.

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

Precautionary Statements - Disposal

Dispose of contents and container in accordance with local, regional, national, and international regulations as applicable.

Unknown acute toxicity

55 % of the mixture consists of ingredient(s) of unknown acute oral toxicity.

55 % of the mixture consists of ingredient(s) of unknown acute dermal toxicity.

51.46 % of the mixture consists of ingredient(s) of unknown acute inhalation toxicity (gas).

81.46 % of the mixture consists of ingredient(s) of unknown acute inhalation toxicity (vapor).

98.46 % of the mixture consists of ingredient(s) of unknown acute inhalation toxicity (dust/mist).

Other Information

May be harmful in contact with skin. Toxic to aquatic life. Toxic to aquatic life with long lasting effects.

3. Composition/information on ingredients

Substance

Not applicable.

<u>Mixture</u>

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Chemical name	CAS No.	Weight-%	Hazardous Material Information Review Act registry number (HMIRA registry #)	Date HMIRA filed and date exemption granted (if applicable)
DECANE	124-18-5	10-30%	-	-
HYDROCARBONS, C3-4-RICH, PETROLEUM DISTILLATE	68512-91-4	5-10%	-	-
DISTILLATES (PETROLEUM), SOLVENT-DEWAXED HEAVY PARAFFINIC	64742-65-0	0.1-1%	-	-

4. First-aid measures

Description of first aid measures

General advice Show this safety data sheet to the doctor in attendance. IF exposed or concerned: Get

medical advice/attention.

Inhalation Remove to fresh air. If symptoms persist, call a physician. If breathing has stopped, give

artificial respiration. Get medical attention immediately.

Eye contact Rinse immediately with plenty of water, also under the eyelids, for at least 15 minutes.

Remove contact lenses, if present and easy to do. Continue rinsing. Keep eye wide open while rinsing. Do not rub affected area. Get medical attention if irritation develops and

persists.

Skin contact In case of contact with liquefied gas, thaw frosted parts with lukewarm water.

Ingestion Do NOT induce vomiting. Rinse mouth. Never give anything by mouth to an unconscious

person. Get medical attention.

Self-protection of the first aider Remove all sources of ignition. Ensure that medical personnel are aware of the material(s)

involved, take precautions to protect themselves and prevent spread of contamination. Avoid breathing vapors or mists. Use personal protective equipment as required. See

section 8 for more information.

Most important symptoms and effects, both acute and delayed

Symptoms Coughing and/ or wheezing. Difficulty in breathing.

Effects of Exposure May cause cancer. Mutagenic effects.

Indication of any immediate medical attention and special treatment needed

5. Fire-fighting measures

Suitable Extinguishing Media Dry chemical. Carbon dioxide (CO2). Water spray.

Small Fire In case of fire, use water spray, foam, dry chemical, or CO2. **Large Fire** In case of fire, use water spray, foam, dry chemical, or CO2.

Unsuitable extinguishing media DO NOT EXTINGUISH A LEAKING GAS FIRE UNLESS LEAK CAN BE STOPPED.

Specific hazards arising from the

chemical

Risk of ignition. Keep product and empty container away from heat and sources of ignition. In the event of fire, cool tanks with water spray. Fire residues and contaminated fire

extinguishing water must be disposed of in accordance with local regulations. Cylinders may

rupture under extreme heat. Damaged cylinders should be handled only by specialists. Containers may explode when heated. Ruptured cylinders may rocket.

Hazardous combustion products No information available.

Explosion data

Personal precautions

Sensitivity to mechanical impact Yes. Sensitivity to static discharge

Special protective equipment and precautions for fire-fighters

Firefighters should wear self-contained breathing apparatus and full firefighting turnout gear.

Use personal protection equipment.

6. Accidental release measures

Personal precautions, protective equipment and emergency procedures

Evacuate personnel to safe areas. Use personal protective equipment as required. See section 8 for more information. Avoid contact with skin, eyes or clothing. Ensure adequate ventilation. Keep people away from and upwind of spill/leak. ELIMINATE all ignition sources (no smoking, flares, sparks or flames in immediate area). Take precautionary measures against static discharges. Contents under pressure. Empty containers pose a potential fire and explosion hazard. Do not cut, puncture or weld containers. Avoid breathing vapors or

mists.

Other information Ventilate the area. Refer to protective measures listed in Sections 7 and 8.

Methods and material for containment and cleaning up

Stop leak if you can do it without risk. A vapor suppressing foam may be used to reduce **Methods for containment**

vapors. Dike far ahead of spill to collect runoff water. Keep out of drains, sewers, ditches and waterways. Flood with water to complete polymerization and scrape off floor.

Take precautionary measures against static discharges. Dam up. Soak up with inert Methods for cleaning up

absorbent material. Pick up and transfer to properly labeled containers.

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

Use personal protection equipment. Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking. Do not spray on an open flame or other ignition source. Take necessary action to avoid static electricity discharge (which might cause ignition of organic vapors). Use spark-proof tools and explosion-proof equipment. Handle product only in closed system or provide appropriate exhaust ventilation. Keep in an area equipped with sprinklers. Do not puncture or incinerate cans. Contents under pressure. In case of rupture. Avoid breathing vapors or mists. Empty containers pose a potential fire and explosion hazard. Do not cut, puncture or weld containers. Handle in accordance with good industrial hygiene and safety practice. Avoid contact with skin, eyes or clothing. Do not eat, drink or smoke when using this product. Remove contaminated clothing and shoes. In case of insufficient ventilation, wear suitable respiratory equipment.

Conditions for safe storage, including any incompatibilities

Keep containers tightly closed in a dry, cool and well-ventilated place. Protect from sunlight. **Storage Conditions**

Keep away from heat, sparks, flame and other sources of ignition (i.e., pilot lights, electric motors and static electricity). Keep in properly labeled containers. Do not store near

combustible materials. Keep in an area equipped with sprinklers. Store in accordance with the particular national regulations. Store in accordance with local regulations. Store locked up. Keep out of the reach of children.

8. Exposure controls/personal protection

Control Parameters

Exposure Limits This product, as supplied, does not contain any hazardous materials with occupational

exposure limits established by the region specific regulatory bodies

Appropriate engineering controls

Engineering controls Showers

Eyewash stations Ventilation systems.

Individual protection measures, such as personal protective equipment

Eye/face protection Tight sealing safety goggles.

Hand protection Impervious gloves. Wear suitable gloves.

Skin and body protection Wear suitable protective clothing. Long sleeved clothing. Chemical resistant apron.

Antistatic boots.

Respiratory protection Appropriate respiratory protection should be selected and used according to the chemical

nature, hazards and use of this product and safety requirements of the local jurisdiction. If exposure limits are exceeded or irritation is experienced, ventilation and evacuation may be

required.

General hygiene considerations Do not eat, drink or smoke when using this product. Contaminated work clothing should not

be allowed out of the workplace. Regular cleaning of equipment, work area and clothing is recommended. Wash hands before breaks and immediately after handling the product.

Thermal hazards No information available.

9. Physical and chemical properties

Information on basic physical and chemical properties

Physical state Aerosol

Appearance No information available

Color Brown

Odor No information available Odor threshold No information available

Property Values Remarks • Method

pH No data available
Melting point / freezing point No data available
Boiling point / boiling range > 38 °C / 100.4 °F

Flash point -104 °C / -155.2 °F Gives a flame projection at full valve opening or

flashback at any degree of valve opening

Evaporation rate Not applicable Flammability (solid, gas) No data available

Flammability Limit in Air

Upper flammability limit: 9.5% Lower flammability limit: 1.9% -

Vapor pressureNo Data AvailableVapor densityNo data available

Relative density 0.81

Water solubility
Solubility(ies)
Partition coefficient
Autoignition temperature
Decomposition temperature
Kinematic viscosity
No Data Available

Other information

Explosive propertiesNo information availableOxidizing propertiesNo information availableSoftening pointNo information availableMolecular weightNo information available

VOC content 18

Density No information available Bulk density 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.

Hazardous polymerization No information available.

Conditions to avoid Heat, flames and sparks. Excessive heat.

Incompatible materialsNone known based on information supplied.

Hazardous decomposition products Carbon oxides. Aldehydes.

11. Toxicological information

Information on likely routes of exposure

Product Information

Inhalation Intentional misuse by deliberately concentrating and inhaling contents may be harmful or

fatal. Specific test data for the substance or mixture is not available. Harmful by inhalation.

(based on components).

Eye contact Specific test data for the substance or mixture is not available.

Skin contact May be harmful in contact with skin.

Ingestion Specific test data for the substance or mixture is not available.

Symptoms related to the physical, chemical and toxicological characteristics

Symptoms Coughing and/ or wheezing.

Acute toxicity Harmful by inhalation.

Numerical measures of toxicity

The following ATE values have been calculated for the mixture

 ATEmix (oral)
 5,177.20 mg/kg

 ATEmix (dermal)
 2,070.90 mg/kg

 ATEmix (inhalation-gas)
 451,835.10 ppm

 ATEmix (inhalation-vapor)
 12.30 mg/l

 ATEmix (inhalation-dust/mist)
 99,999.00 mg/l

Unknown acute toxicity

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Component Information

Chemical name	Oral LD50	Dermal LD50	Inhalation LC50
DECANE	> 5000 mg/kg (Rat)	> 2000 mg/kg (Rat)	> 1369 ppm (Rat) 8 h
124-18-5			
HYDROCARBONS, C3-4-RICH,	-	-	> 23 mg/L (Rat)4 h
PETROLEUM DISTILLATE			-
68512-91-4			
DISTILLATES (PETROLEUM),	> 15000 mg/kg (Rat)	> 5000 mg/kg (Rabbit)	> 2400 mg/m³ (Rat) 4 h
SOLVENT-DEWAXED HEAVY			-
PARAFFINIC			
64742-65-0			

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

Skin corrosion/irritationNo information available.

Serious eye damage/eye irritation No information available.

Respiratory or skin sensitization No information available.

Germ cell mutagenicity Contains a known or suspected mutagen. Classification based on data available for

ingredients. May cause genetic defects.

Carcinogenicity Contains a known or suspected carcinogen. Classification based on data available for

ingredients. May cause cancer.

The table below indicates whether each agency has listed any ingredient as a carcinogen.

Chemical name	ACGIH	IARC	NTP	OSHA
DISTILLATES (PETROLEUM),	A2	Group 1	Known	X
SOLVENT-DEWAXED HEAVY				
PARAFFINIC				
64742-65-0				

Legend

ACGIH (American Conference of Governmental Industrial Hygienists)

A2 - Suspected Human Carcinogen

IARC (International Agency for Research on Cancer)

Group 1 - Carcinogenic to Humans NTP (National Toxicology Program)

Known - Known Carcinogen

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Occupational Safety and Health Administration of the US Department of Labor

X - Present

Reproductive toxicityNo information available.

STOT - single exposure No information available.

STOT - repeated exposureNo information available.

Aspiration hazard No information available.

12. Ecological information

Ecotoxicity Toxic to aquatic life with long lasting effects.

Chemical name	Algae/aquatic plants	Fish	Toxicity to	Crustacea
			microorganisms	
DECANE	-	-	-	EC50: =0.029mg/L (48h,
124-18-5				Daphnia magna)
DISTILLATES (PETROLEUM),	-	LC50: >5000mg/L (96h,	-	EC50: >1000mg/L (48h,
SOLVENT-DEWAXED HEAVY		Oncorhynchus mykiss)		Daphnia magna)
PARAFFINIC				
64742-65-0				

Persistence and degradability No information available.

Bioaccumulation

Component Information

	Component information				
	Chemical name	Partition coefficient			
DECANE		5.1			
	124-18-5				
	HYDROCARBONS, C3-4-RICH, PETROLEUM DISTILLATE	2.8			
	68512-91-4				

Other adverse effects No information available.

13. Disposal considerations

Waste treatment methods

Waste from residues/unused

products

Should not be released into the environment. Dispose of in accordance with local regulations. Dispose of waste in accordance with environmental legislation.

Contaminated packaging Do not reuse empty containers.

US EPA Waste Number Waste designations and classifications should be determined by the end user based on the

application for which the product was used.

14. Transport information

DOT

UN number or ID number 1950

Proper shipping name Aerosols, Limited Quantity (LQ)

Transport hazard class(es) 2.1 Emergency Response Guide 126

Number

TDG

UN number or ID number 1950

UN proper shipping name Aerosols Limited Quantity (LQ)

Transport hazard class(es) 2.1

MEX

UN number or ID number 1950

UN proper shipping name Aerosols Limited Quantity (LQ)

Transport hazard class(es) 2.1

IATA

UN number or ID number ID 8000

UN proper shipping name Consumer Commodity

Transport hazard class(es) 9

IMDG

UN number or ID number 1950

UN proper shipping name Aerosols, Limited Quantity (LQ)

Transport hazard class(es) 2.1

15. Regulatory information

Safety, health and environmental regulations/legislation specific for the substance or mixture

International Regulations

The Montreal Protocol on Substances that Deplete the Ozone Layer Not applicable

The Stockholm Convention on Persistent Organic Pollutants Not applicable

The Rotterdam Convention Not applicable

International Inventories

TSCA Complies Complies **DSL/NDSL** Complies **EINECS/ELINCS ENCS** Does not comply Does not comply **IECSC** KECI Does not comply **PICCS** Does not comply **AICS** Complies **NZIoC** Complies

Legend:

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

DSL/NDSL - 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 Chemicals Inventory

PICCS - Philippines Inventory of Chemicals and Chemical Substances

AICS - Australian Inventory of Chemical Substances

NZIoC - New Zealand Inventory of Chemicals

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

Should this product meet EPCRA 311/312 Tier reporting criteria at 40 CFR 370, refer to Section 2 of this SDS for appropriate classifications.

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, does not contain any substances regulated as hazardous substances under the Comprehensive Environmental Response Compensation and Liability Act (CERCLA) (40 CFR 302) or the Superfund Amendments and Reauthorization Act (SARA) (40 CFR 355). There may be specific reporting requirements at the local, regional, or state level pertaining to releases of this material.

US State Regulations

California Proposition 65

This product does not contain any Proposition 65 chemicals

U.S. State Right-to-Know Regulations

Chemical name	New Jersey	Massachusetts	Pennsylvania
1,1-DIFLUOROETHANE	X	X	-
75-37-6			
DECANE	X	-	X
124-18-5			

U.S. EPA Label Information

EPA Pesticide Registration Number Not applicable

16. Other information

NFPA Health hazards 1 Flammability 4 Instability 0 Special hazards - Health hazards 1 Flammability 4 Physical hazards 3 Personal protection X Chronic Hazard Star Legend *= Chronic Health Hazard*

Key or legend to abbreviations and acronyms used in the safety data sheet

Legend

SVHC: Substances of Very High Concern for Authorization:
PBT: Persistent, Bioaccumulative, and Toxic (PBT) Substances
vPvB: Very Persistent and very Bioaccumulative (vPvB) Substances

STOT: Specific Target Organ Toxicity

ATE: Acute Toxicity Estimate LC50: 50% Lethal Concentration

LD50: 50% Lethal Dose

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Legend Section 8: EXPOSURE CONTROLS/PERSONAL PROTECTION

TWA TWA (time-weighted average) STEL STEL (Short Term Exposure Limit)

Ceiling Maximum limit value * Skin designation

+ Sensitizers

Key literature references and sources for data used to compile the SDS

Agency for Toxic Substances and Disease Registry (ATSDR) U.S. Environmental Protection Agency ChemView Database

European Food Safety Authority (EFSA)

Environmental Protection Agency

Acute Exposure Guideline Level(s) (AEGL(s))

U.S. Environmental Protection Agency Federal Insecticide, Fungicide, and Rodenticide Act

U.S. Environmental Protection Agency High Production Volume Chemicals

Food Research Journal

Hazardous Substance Database

International Uniform Chemical Information Database (IUCLID)

National Institute of Technology and Evaluation (NITE)

Australia National Industrial Chemicals Notification and Assessment Scheme (NICNAS)

NIOSH (National Institute for Occupational Safety and Health)

National Library of Medicine's ChemID Plus (NLM CIP)

National Library of Medicine's PubMed database (NLM PUBMED)

U.S. National Toxicology Program (NTP)

New Zealand's Chemical Classification and Information Database (CCID)

Organization for Economic Co-operation and Development Environment, Health, and Safety Publications

Organization for Economic Co-operation and Development High Production Volume Chemicals Program

Organization for Economic Co-operation and Development Screening Information Data Set

World Health Organization

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Revision NoteNo information available.

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.

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