



Parker Hannifin Corporation -
Sporlan Division
206 Lange Drive
Washington, MO, U.S.A., 63090
Telephone: (636) 239 1111

Gas Leak Locator

GL6

SDS Revision Date (mm/dd/yyyy): 10/01/2025

Page 1 of 11

SAFETY DATA SHEET

SECTION 1. IDENTIFICATION

Product identifier used on the label

: **Gas Leak Locator**

Other means of identification : GL6 (P/N 475053)

Recommended use of the chemical and restrictions on use

: Leak Locator
Use pattern: Professional use only
Restrictions on use: None known

Chemical family

: Mixture

Name, address, and telephone number
of the supplier:

Parker Hannifin Corporation - Sporlan Division

206 Lange Drive
Washington, MO, U.S.A.
63090

Supplier's Telephone # : (636) 239 1111

24 Hr. Emergency Tel # : Chemtrec 1-800-424-9300 (Within Continental U.S.); Chemtrec 703-527-3887
(Outside U.S.).

Name, address, and telephone number of
the manufacturer:

Refer to supplier

SECTION 2. HAZARDS IDENTIFICATION

Classification of the chemical

Opaque liquid. Bland odor.

Most important hazards: Suspected of causing cancer. Occupational exposure to the substance or mixture may cause adverse effects. Refer also to TOXICOLOGICAL INFORMATION (Section 11).

This material is classified as hazardous under U.S. OSHA regulations (29CFR 1910.1200) and Canadian WHMIS regulations (Hazardous Products Regulations).

Hazardous classification

Carcinogenicity - Category 2

Physical Hazards Not Otherwise Classified (PHNOC) :Not applicable

Health Hazards Not Otherwise Classified (HHNOC) :Not applicable

Label elements

Hazard pictogram(s)



Signal Word

Warning!

Hazard statement(s)

Suspected of causing cancer.



Gas Leak Locator

SDS Revision Date (mm/dd/yyyy): 10/01/2025

GL6

Page 2 of 11

SAFETY DATA SHEET

Precautionary statement(s)

Obtain special instructions before use.
Do not handle until all safety precautions have been read and understood.
Wear protective gloves/clothing and eye/face protection.
IF exposed or concerned: Get medical attention/advice.
Store locked up.
Dispose of contents/container in accordance with local regulation.

Other hazards

Other hazards which do not result in classification:

Burning produces obnoxious and toxic fumes. May be mildly irritating to skin, eyes and respiratory system. May cause an allergic skin reaction (e.g. hives, rash) in some hypersensitive individuals.

SECTION 3. COMPOSITION/INFORMATION ON INGREDIENTS

Mixture

<u>Chemical name</u>	<u>Common name and synonyms</u>	<u>CAS #</u>	<u>Concentration (% by weight)</u>
Glycerin	Glycerine	56-81-5	80.0 - 100.0
Sodium lauryl ether sulfate	Sodium laureth sulfate	9004-82-4	0.5 - 1.5
Coconut diethanolamide	Cocoamide DEA	68603-42-9	0.1 - 1.0
Ethanol	Ethyl alcohol	64-17-5	0.1 - 1.0

The exact concentrations of the above listed chemicals are being withheld as a trade secret.

SECTION 4. FIRST-AID MEASURES

Description of first aid measures

- Ingestion* : If ingested, do not induce vomiting. Have victim rinse mouth with water, then give one to two glasses of water to drink. Get medical advice/attention.
- Inhalation* : Immediately remove person to fresh air. If breathing has stopped, give artificial respiration. If breathing is difficult, give oxygen by qualified medical personnel only. Get medical attention if irritation develops and persists.
- Skin contact* : Wash with water and soap as a precaution. Obtain medical attention if symptoms develop and persist.
- Eye contact* : Immediately flush eyes with plenty of water for at least 15 minutes. Obtain medical attention if symptoms develop and persist.

Most important symptoms and effects, both acute and delayed

- : Suspected of causing cancer. May be mildly irritating to skin, eyes and respiratory system. May cause an allergic skin reaction (e.g. hives, rash) in some hypersensitive individuals.

Indication of any immediate medical attention and special treatment needed

- : Treat symptomatically.

SECTION 5. FIRE-FIGHTING MEASURES

Extinguishing media

Suitable extinguishing media

- : Use media suitable to the surrounding fire such as water fog or fine spray, alcohol foams, carbon dioxide and dry chemical.

Unsuitable extinguishing media

- : Do not use water jet, as this may spread burning material.

Special hazards arising from the substance or mixture / Conditions of flammability



Gas Leak Locator

GL6

SDS Revision Date (mm/dd/yyyy): 10/01/2025

Page 3 of 11

SAFETY DATA SHEET

- : Not flammable under normal conditions of use. However, may ignite if exposed to extreme heat and flame. Vapours may be heavier than air and may collect in confined and low-lying areas.

Flammability classification (OSHA 29 CFR 1910.106)

- : Non-flammable.

Hazardous combustion products

- : Toxic fumes, gases or vapours may evolve on burning.

Special protective equipment and precautions for firefighters

Protective equipment for fire-fighters

- : Firefighters must use standard protective equipment including flame retardant coat, helmet with face shield, gloves, rubber boots, and in enclosed spaces, SCBA. Do not enter without wearing specialized protective equipment suitable for the situation. Firefighter's normal protective clothing (Bunker Gear) will not provide adequate protection. A full-body encapsulating chemical protective suit with positive pressure self-contained breathing apparatus (NIOSH approved or equivalent) may be necessary.

Special fire-fighting procedures

- : Move containers from fire area if safe to do so. Cool closed containers exposed to fire with water spray. Do not allow run-off from fire fighting to enter drains or water courses. Dike for water control.

SECTION 6. ACCIDENTAL RELEASE MEASURES

Personal precautions, protective equipment and emergency procedures

- : All persons dealing with clean-up should wear the appropriate protective equipment including self-contained breathing apparatus. Restrict access to area until completion of clean-up. Keep all other personnel upwind and away from the spill/release.

Environmental precautions : Ensure spilled product does not enter drains, sewers, waterways, or confined spaces.

Methods and material for containment and cleaning up

- : Ventilate area of release. Contain spillage, and then collect with non-combustible absorbent material, (e.g. sand, earth, diatomaceous earth, vermiculite) and place in container for disposal according to local / national regulations (see section 13). Notify the appropriate authorities as required.

Special spill response procedures

- : If a spill/release in excess of the EPA reportable quantity is made into the environment, immediately notify the National Response Center in the United States (phone: 1-800-424-8802).
US CERCLA Reportable quantity (RQ): None reported.

SECTION 7. HANDLING AND STORAGE

Precautions for safe handling

- : Use only in well-ventilated areas. Do not ingest. Avoid breathing vapors or mists. Avoid contact with eyes, skin and clothing. Avoid contact with incompatible materials. Keep container tightly closed when not in use. Wash thoroughly after handling.

Conditions for safe storage : Store in a cool, dry, well ventilated area, away from heat and ignition sources. Store away from incompatibles and out of direct sunlight. No smoking in the area. Inspect periodically for damage or leaks.

Incompatible materials : Hydrogen peroxide; Alkali metals; Strong oxidizing agents; Acids.



Gas Leak Locator

GL6

SDS Revision Date (mm/dd/yyyy): 10/01/2025

Page 4 of 11

SAFETY DATA SHEET

SECTION 8. EXPOSURE CONTROLS / PERSONAL PROTECTION

Exposure Limits:				
<u>Chemical Name</u>	<u>ACGIH TLV</u>		<u>OSHA PEL</u>	
	<u>TWA</u>	<u>STEL</u>	<u>PEL</u>	<u>STEL</u>
Glycerin	10 mg/m ³ (mist)	N/Av	15 mg/m ³ (mist, total particulate) ; 5 mg/m ³ (mist, respirable fraction)	N/Av
Sodium lauryl ether sulfate	N/Av	N/Av	N/Av	N/Av
Coconut diethanolamide	N/Av	N/Av	N/Av	N/Av
Ethanol	N/Av	1000 ppm	1000 ppm ; 1900 mg/m ³	N/Av

Exposure controls

Ventilation and engineering measures

- : Do not use in closed or confined space. Use general or local exhaust ventilation to maintain air concentrations below recommended exposure limits.

Respiratory protection

- : Not required under normal conditions of handling. Respiratory protection is required if the concentrations exceed the TLV. If respiratory protection is warranted, wear NIOSH-approved respirators. Advice should be sought from respiratory protection specialists.

Skin protection

- : Impervious gloves must be worn when using this product. Advice should be sought from glove suppliers.

Eye / face protection

- : Safety goggles or glasses as appropriate for the job.

Other protective equipment

- : An eyewash station and safety shower should be made available in the immediate working area. Depending on conditions of use, an impervious apron should be worn. Remove and wash contaminated clothing before re-use.

General hygiene considerations

- : Avoid contact with skin, eyes and clothing. Avoid breathing mist or vapours. Do not eat, drink, smoke or use cosmetics while working with this product. Upon completion of work, wash hands before eating, drinking, smoking or use of toilet facilities. Remove soiled clothing and wash it thoroughly before reuse.

SECTION 9. PHYSICAL AND CHEMICAL PROPERTIES

- Physical State** : Liquid.
- Colour** : opaque
- Odour** : Bland odour.
- Odour threshold** : Not available.
- pH** : 8.0
- Melting Point/Freezing point** : Not available.

Initial boiling point and boiling range

- : 100°C (212°F)

- Flash point** : >100°C (> 212°F)

- Flashpoint (Method)** : Setaflash Closed Tester

- Evaporation rate (BuAe = 1)** : > 1 (water = 1)

- Flammability** : Not applicable.

- Lower explosion or flammability limit (% by vol.)**

- : Not available.



Gas Leak Locator

GL6

SDS Revision Date (mm/dd/yyyy): 10/01/2025

Page 5 of 11

SAFETY DATA SHEET

Upper explosion or flammability limit (% by vol.)

: Not available.

Oxidizing properties

: Not applicable

Explosive properties

: Not applicable.

Vapour pressure

: 23.8 mm Hg @ 25°C

Relative vapour density

: > 1 (Air = 1.0)

Relative density / Specific gravity

: 1

Solubility in water

: miscible

Other solubility(ies)

: Not available.

Partition coefficient: n-octanol/water or Coefficient of water/oil distribution

: Not available.

Auto-ignition temperature

: Not applicable.

Decomposition temperature

: Not available.

Viscosity

: < 5 cPs

Particle characteristics

: Not applicable.

Volatiles (% by weight)

: 2%

Volatile organic Compounds (VOC's)

: Not available.

Absolute pressure of container

: Not applicable.

Flame projection length

: Not applicable.

Other physical/chemical comments

: Not applicable

SECTION 10. STABILITY AND REACTIVITY

Reactivity

: Not normally reactive.

Chemical stability

: Stable under the recommended storage and handling conditions prescribed.

Possibility of hazardous reactions

: Hazardous polymerization will not occur.

Conditions to avoid

: Keep out of direct sunlight. Keep away from excessive heat, open flames, sparks and other possible sources of ignition. Do not use in areas without adequate ventilation.

Incompatible materials

: Alkalies;Acids ;Oxidizers;Hydrogen peroxide

Hazardous decomposition products

: None known, refer to hazardous combustion products in Section 5.

SECTION 11. TOXICOLOGICAL INFORMATION

Information on likely routes of exposure:

Routes of entry inhalation

: YES

Routes of entry skin & eye

: YES

Routes of entry Ingestion

: YES

Routes of exposure skin absorption

: NO



Gas Leak Locator

SDS Revision Date (mm/dd/yyyy): 10/01/2025

GL6

Page 6 of 11

SAFETY DATA SHEET

Potential Health Effects:

Signs and symptoms of short-term (acute) exposure

Sign and symptoms Inhalation

- : High concentrations of vapors or mists may cause coughing and mild, temporary irritation.

Sign and symptoms ingestion

- : Ingestion may cause gastrointestinal irritation, nausea, vomiting and diarrhea.

Sign and symptoms skin

- : May cause mild skin irritation.

Sign and symptoms eyes

- : May cause mild irritation, redness and watering.

Potential Chronic Health Effects

- : Prolonged or repeated skin contact may cause defatting and drying resulting in irritation and possible dermatitis.

Mutagenicity

- : Not expected to be mutagenic. Ethanol has been shown to cause mutagenic effects but at extremely high oral doses, which are not applicable in an occupational setting.

Carcinogenicity

- : Carcinogenicity - Category 2 Suspected of causing cancer.
Contains the following chemical rated as Group 2B by IARC: Coco diethanolamide

Reproductive effects & Teratogenicity

- : Not expected to cause reproductive effects.

Sensitization to material

- : Not expected to be a skin or respiratory sensitizer.

Specific target organ effects

- : This material is not classified as hazardous under U.S. OSHA regulations (29 CFR 1910.1200) and Canadian WHMIS regulations (Hazardous Products Regulations).

Medical conditions aggravated by overexposure

- : Not available.

Synergistic materials

- : Not available.

Toxicological data

- : There is no available data for the product itself, only for the ingredients. See below for individual ingredient acute toxicity data.

<u>Chemical name</u>	<u>LC₅₀(4hr)</u>	<u>LD₅₀</u>	
	<u>inh, rat</u>	<u>(Oral, rat)</u>	<u>(Rabbit, dermal)</u>
Glycerin	>2.75 mg/L (mist)	27200 mg/kg	>18700 mg/kg
Sodium lauryl ether sulfate	N/Av	>2000 mg/kg	4600 mg/kg
Coconut diethanolamide	N/Av	> 5000 mg/kg	> 2000 mg/kg
Ethanol	> 32 380 ppm (>61mg/L) (vapor)	7060 mg/kg	> 15 800 mg/kg

Other important toxicological hazards

- : Not applicable

SECTION 12. ECOLOGICAL INFORMATION

Ecotoxicity

- : No data is available on the product itself. See the following tables for individual ingredient ecotoxicity data.



Gas Leak Locator

SDS Revision Date (mm/dd/yyyy): 10/01/2025

GL6

Page 7 of 11

SAFETY DATA SHEET

Ecotoxicity data:

<u>Ingredients</u>	CAS #	Toxicity to Fish		
		LC50 / 96h	NOEC / 21 day	M Factor
Glycerin	56-81-5	51 - 57mg/L (Rainbow trout)	N/Av	None.
Sodium lauryl ether sulfate	9004-82-4	N/Av	N/Av	N/Av
Coconut diethanolamide	68603-42-9	3.6 mg/L (Zebra fish)	N/Av	None.
Ethanol	64-17-5	> 100 mg/L (Fathead minnow)	N/Av	None.

<u>Ingredients</u>	CAS #	Toxicity to Daphnia		
		EC50 / 48h	NOEC / 21 day	M Factor
Glycerin	56-81-5	1851 - 3068mg/L Water flea	N/Av	None.
Sodium lauryl ether sulfate	9004-82-4	N/Av	N/Av	N/Av
Coconut diethanolamide	68603-42-9	2.39 mg/L (Daphnia magna)	0.9 mg/L NOEC (Daphnia magna)	None.
Ethanol	64-17-5	5012 mg/L (Daphnia magna)	N/Av	None.

<u>Ingredients</u>	CAS #	Toxicity to Algae		
		EC50 / 96h or 72h	NOEC / 96h or 72h	M Factor
Glycerin	56-81-5	77712mg/L/96hr (Green algae)	N/Av	None.
Sodium lauryl ether sulfate	9004-82-4	N/Av	N/Av	N/Av
Coconut diethanolamide	68603-42-9	2.2 mg/L (Green algae)	N/Av	None.
Ethanol	64-17-5	1000 mg/L/96hr (Green algae)	N/Av	None.

Persistence and degradability

: No data is available on the product itself. All listed ingredients are considered to be readily biodegradable.

Bioaccumulation potential

: No data is available on the product itself. The active ingredients are not expected to bioaccumulate.

<u>Components</u>	<u>Partition coefficient n-octanol/water (log Kow)</u>	<u>Bioconcentration factor (BCF)</u>
Glycerin (CAS 56-81-5)	-1.76	no bioaccumulation
Ethanol (CAS 64-17-5)	-0.32	N/Av

Mobility in soil : No data is available on the product itself.

Other Adverse Environmental effects

: No data is available on the product itself.



Gas Leak Locator

GL6

SDS Revision Date (mm/dd/yyyy): 10/01/2025

Page 8 of 11

SAFETY DATA SHEET

SECTION 13. DISPOSAL CONSIDERATIONS

- Handling for Disposal** : Handle waste according to recommendations in Section 7.
- Methods of Disposal** : Improper disposal can cause damage to the environment. Dispose in accordance with all applicable federal, state, provincial and local regulations.
- RCRA** : It is the responsibility of the waste generator to determine the proper waste identification and disposal method. For disposal of unused or waste material, check with local, state and federal environmental agencies.

SECTION 14. TRANSPORT INFORMATION

Regulatory Information	UN Number	UN proper shipping name	Transport hazard class(es)	Packing Group	Label
49CFR/DOT	None.	Not regulated.	Not regulated	none	
49CFR/DOT Additional information	None.				
TDG	None.	Not regulated.	not regulated	none	
TDG Additional information	None.				
ICAO/IATA	None.	Not regulated.	not regulated	none	
ICAO/IATA Additional information	None.				
IMDG	None.	Not regulated.	not regulated	none	
IMDG Additional information	None.				

- Special precautions for user** : Appropriate advice on safety must accompany the package.
- Environmental hazards** : Although this product does not meet the criteria for an environmentally hazardous mixture, according to the IMDG Code, this product does contain substances toxic for the environment. See ECOLOGICAL INFORMATION, Section 12.

SECTION 15 - REGULATORY INFORMATION

US Federal Information:

Components listed below are present on the following U.S. Federal chemical lists:



Gas Leak Locator

SDS Revision Date (mm/dd/yyyy): 10/01/2025

GL6

Page 9 of 11

SAFETY DATA SHEET

<u>Ingredients</u>	CAS #	TSCA Inventory	CERCLA Reportable Quantity(RQ) (40 CFR 117.302):	SARA TITLE III: Sec. 302, Extremely Hazardous Substance, 40 CFR 355:	SARA TITLE III: Sec. 313, 40 CFR 372, Specific Toxic Chemical	
					Toxic Chemical	de Minimis Concentration
Glycerin	56-81-5	Yes	N/Ap	N/Ap	No	N/Ap
Sodium lauryl ether sulfate	9004-82-4	Yes	N/Ap	N/Ap	No	N/Ap
Coconut diethanolamide	68603-42-9	Yes	N/Ap	N/Ap	No	N/Ap
Ethanol	64-17-5	Yes	N/Ap	N/Ap	No	N/Ap

SARA TITLE III: Sec. 311 and 312, SDS Requirements, 40 CFR 370 Hazard Classes: Carcinogenicity .

US State Right to Know Laws:

The following chemicals are specifically listed by individual States:

<u>Ingredients</u>	CAS #	California Proposition 65		State "Right to Know" Lists					
		Listed	Type of Toxicity	CA	MA	MN	NJ	PA	RI
Glycerin	56-81-5	No	N/Ap	No	Yes	Yes	Yes	Yes	Yes
Sodium lauryl ether sulfate	9004-82-4	No	N/Ap	No	No	No	No	No	No
Coconut diethanolamide	68603-42-9	Yes	Carcinogen	No	No	No	No	No	No
Ethanol	64-17-5	No	N/Ap	Yes	Yes	Yes	Yes	Yes	Yes

Canadian Information:

Canadian Environmental Protection Act (CEPA) information: All ingredients listed appear on the Domestic Substances List (DSL).

International Information:

Components listed below are present on the following International Inventory list:

<u>Ingredients</u>	CAS #	European EINECs	Australia AICS	Philippines PICCS	Japan ENCS	Korea KECI/KECL	China IECSC	NewZealand IOC
Glycerin	56-81-5	200-289-5	Present	Present	(7)-338; (2)-242	KE-29297	Present	Not listed
Sodium lauryl ether sulfate	9004-82-4	N/Av	Present	Present	(7)-120	KE-32427	Present	HSR003434
Coconut diethanolamide	68603-42-9	271-657-0	Present	Present	(8)-311	KE-03192	Present	HSR003347
Ethanol	64-17-5	200-578-6	Present	Present	(2)-202	KE-13217	Present	HSR001144

SECTION 16. OTHER INFORMATION

Legend

: ACGIH: American Conference of Governmental Industrial Hygienists
AICS: Australian Inventory of Chemical Substances
CAS: Chemical Abstract Services
CERCLA: Comprehensive Environmental Response, Compensation, and Liability Act of 1980
CFR: Code of Federal Regulations
CNS: Central Nervous System



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Gas Leak Locator

SDS Revision Date (mm/dd/yyyy): 10/01/2025

GL6

Page 10 of 11

SAFETY DATA SHEET

DOT: Department of Transportation
EINECS: European Inventory of Existing Commercial chemical Substances
ENCS: Existing and New Chemical Substances
IARC: International Agency for Research on Cancer
IOC: Inventory of Chemicals
KECI: Korean Existing Chemicals Inventory
KECL: Korean Existing Chemicals List
LC: Lethal Concentration
LD: Lethal Dose
MSHA: Mine Safety and Health Administration
N/Ap: Not Applicable
N/Av: Not Available
NFPA: National Fire Protection Association
NIOSH: National Institute of Occupational Safety and Health
NOEC: No observable effect concentration
NTP: National Toxicology Program
OSHA: Occupational Safety and Health Administration
PEL: Permissible exposure limit
PICCS: Philippine Inventory of Chemicals and Chemical Substances
SARA: Superfund Amendments and Reauthorization Act
STEL: Short Term Exposure Limit
TDG: Canadian Transportation of Dangerous Goods Act & Regulations
TLV: Threshold Limit Values
TWA: Time Weighted Average

References

- : 1. ACGIH, Threshold Limit Values for Chemical Substances and Physical Agents & Biological Exposure Indices
- 2. ECHA - European Chemical Agency
- 3. Canadian Centre for Occupational Health and Safety, CCInfoWeb databases
- 4. Safety Data Sheets from manufacturer.
- 5. US EPA Title III List of Lists
- 6. California Proposition 65 List
- 7. OECD - The Global Portal to Information on Chemical Substances - eChemPortal

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Revision Information

: 2. HAZARDS IDENTIFICATION 9. PHYSICAL AND CHEMICAL PROPERTIES

Other special considerations for handling

: Provide adequate information, instruction and training for operators.

Prepared for:

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Gas Leak Locator

GL6

SDS Revision Date (mm/dd/yyyy): 10/01/2025

Page 11 of 11

SAFETY DATA SHEET

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