

Safety Data Sheet

Advanced Leak Detection Solution

SDS Revision Date: 06/29/19

1. Identification of the substance/mixture and of the company/undertaking

1.1. Product identifier

Product Identity Advanced Leak Detection Solution
Product Code CG
Other Means of Identification Type CG
Synonyms None Known

1.2. Relevant identified uses of the substance or mixture and uses advised against

Recommended use Leak Testing
Recommended Temperature Range: 33°F to 160°F in diluted form
Recommended Shelf Life: 2 years from date of manufacture

Recommended Use Restrictions Other than those identified above

1.3. Details of the supplier of the safety data sheet

Company Name AIRANDVAC.COM
Company Address 1954 FRIENDSHIP DRIVE, SUITE 103
EL CAJON, CA 92020
USA

24/7 Emergency - airandvac.com Phone: (800) 743-8280
Customer Service: Phone: (619) 562-3060
Fax: (619) 562-3145
Email: aavparts@airandvac.com
Web Address: www.airandvac.com

1.4. Emergency Telephone Number

Emergency Number: CHEMTREC 1-800-424-9300 24/7 Hot line

2. Hazard identification of the product

2.1. Classification of the substance or mixture

Classification (GHS-US, GHS-CA)

This product is not hazardous under the classification criteria established under the US OSHA Hazard Communication Standard (HCS) (HAZCOM2012).

This product is not hazardous under the classification criteria established under Canadian Hazardous Products Regulations (HPR) Workplace Hazardous Materials Information System (WHMIS 2015).

This product is not hazardous under the criteria for Classification established under GHS (Global Harmonization System).

Physical Hazards:

None

Health Hazards:

None

Environmental Hazards:

Not adopted by OSHA (HAZCOM 2012).

Not adopted by WHMIS 2015.

PHNOC (Physical Hazards Not Otherwise Classified): (Canada) None Known**HHNOC (Health Hazards Not Otherwise Classified): (Canada)** None Known**HNOC (Hazards Not Otherwise Classified): (USA)** None Known**WHMIS Classification:** D2A; D2B; E (WHMIS 1998)

Not Hazardous under the criteria set forth by WHMIS 1998.

2.2. Label Elements:**Hazard Pictograms:** Not applicable**Signal Word:** Not applicable**Hazard Statements:** Not applicable**Precautionary statements:****Prevention:** Not applicable**Response:** Not applicable**Storage:** Not applicable**Disposal:** Not applicable**2.3. Other Hazards**

No additional information available.

2.4. Unknown Acute Toxicity (GHS-US/CA)

Not Applicable

3. Composition/information on ingredients**3.1. Substance**

Not Applicable

3.2. Mixture

Name	Weight %	Hazard Classification	CAS-no.
No hazardous ingredients to report at concentration Level relative to mixture classification.	Not Applicable	Not Applicable	Not Applicable

4. First aid measures**4.1. Description of first aid measures****First-aid measures general:**

If in doubt, seek medical advice/attention.

First-aid measures after inhalation:

Remove victim to fresh air and keep at rest in a position comfortable for breathing. If respiratory symptoms or other adverse effects develop after inhalation: get medical advice/attention.

First-aid measures after skin contact:	IF ON SKIN: Wash with plenty of water. If irritation or rash occurs: get medical advice/attention.
First-aid measures after eye contact:	IF IN EYES: Immediately flush eyes with plenty of water, occasionally lifting the upper and lower eyelids. Check for and remove any contact lenses. Continue to rinse for at least 15 minutes. If eye irritation occurs: get medical advice/attention.
First-aid measures after ingestion:	IF SWALLOWED: Rinse mouth. Do NOT induce vomiting. Call POISON CENTER or doctor/physician if you feel unwell.

4.2. Most important symptoms and effects, both acute and delayed

Adverse Effects Acute/Delayed:

Inhalation:	No significant effects or symptoms expected.
Skin Contact:	No significant effects or symptoms expected.
Eye Contact:	No significant effects or symptoms expected.
Ingestion:	No significant effects or symptoms expected.
Effects of Chronic Exposure:	No significant effects or symptoms expected.
Medical Conditions Aggravated by Exposure:	No additional information.

4.3. Indication of any immediate attention and special treatment needed

Treat Symptomatically.

NOTES TO PHYSICIAN

No additional information.

5. Fire-fighting measures

5.1 Extinguishing media:

Suitable extinguishing media:	Use extinguishing media appropriate for surrounding fire.
Unsuitable extinguishing media:	Direct water streams.

5.2. Special hazards arising from the substance or mixture

Hazardous Combustion products:	Irritating or Toxic fumes form during the heat of combustion including: Carbon Oxides and Sulphur Oxides.
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5.3. Firefighting Instructions:

Use water spray or fog for cooling exposed containers. As in any fire, wear self-contained breathing apparatus pressure-demand. MSHA/NIOSH (approved or equivalent) and full protective gear. Evacuate all non-emergency personnel from area. Irritating or Toxic fumes may form during the heat of combustion including: Carbon Oxides and Sulphur Oxide.

6. Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures

Evacuate unnecessary personnel. Ventilate area. Wear recommended personal protective equipment (See Section 8). Do not walk through spilled material. Avoid contact with skin, eyes and clothing. Stop leak if able to do so.

6.2. Environmental precautions

Prevent entry to drains, sewer and public waters.

6.3. Methods and material for containment and cleaning up

For containment: Soak up with inert absorbent material and place in a suitable, labeled container for later disposal.

Methods for cleaning up: Wipe up with absorbent material (for example cloth). Thoroughly decontaminate area after spill cleanup.

6.4. Reference to other sections:

See Heading 8. Exposure controls and personal protection.

7. Handling and storage

7.1. Precautions for safe handling

Precautions for safe handling:

Wear recommended personal protective equipment (See Section 8). Provide adequate ventilation in process areas to prevent formation of vapor. Avoid contact with eyes, skin and clothing. Handle at temperature >35 °F (>1.6 °C). Wash thoroughly after handling.

Hygiene measures:

Wash hands and other exposed areas with mild soap and water before eating, drinking or smoking and when leaving work.

7.2. Conditions for safe storage

Storage conditions:

Keep only in original container. Store in a dry, well-ventilated place out of direct sunlight. Keep container closed when not in use. Try to reduce evaporation. Make sure containers are properly labeled. Store away from incompatible materials. Store at temperature >35 °F (>1.6 °C). Store away from sources of ignition.

Incompatible materials:

Strong Bases. Strong Acids.

7.3. Specific end use(s):

No additional information available.

8. Exposure controls and personal protection

8.1. Control parameters

This product contains no ingredients with established limits for occupational exposure.

8.2. Exposure controls

Appropriate Engineering Controls:	Not necessary with adequate ventilation.
Personal Protective Equipment:	Contact with any chemical should be avoided.
Hand protection:	Wear protective gloves.
Eye protection	Wear safety glasses or chemical goggles.
Respiratory protection:	Wear approved mask.

9. Physical and chemical properties

9.1. Information on basic physical and chemical properties

Physical state:	Liquid
Appearance:	Blue Liquid
Color:	Blue
Odor:	Characteristic
Odor threshold:	Not available
PH:	6.9 – 7.5
Relative evaporation rate (butyl acetate=1):	Not available
Relative evaporation rate (water=1):	1
Melting point:	Not available
Freezing point:	32°F, 0°C
Boiling point:	212°F, 100 °C
Flash point:	Not flammable
Auto-ignition temperature:	Not available
Decomposition temperature:	Not available
Flammability (solid, gas):	Not applicable
Vapor pressure:	17.54 mm Hg
Relative vapor density at 20 °C:	1.1832 (air=1)
Relative density:	1.006 (water=1)
Density:	Not available
Solubility:	Water: 100 %
Log Pow:	Not available
Log Kow:	Not available
Viscosity, kinematic:	Not available
Viscosity, dynamic:	Not available
Explosive properties:	Not available
Oxidizing properties:	Not available
Explosion limits:	Not available

9.2. Other information

No additional information available.

10. Stability and reactivity

10.1. Reactivity

Not reactive under recommended storage and handling conditions.

10.2. Chemical stability

Stable under recommended storage and handling conditions.

10.3. Possibility of hazardous reactions

Hazardous reactions not anticipated under recommended storage and handling conditions.

10.4. Conditions to avoid

Direct sunlight. Extremely high or low temperatures. Incompatible materials.

10.5. Incompatible materials

Strong Acids. Strong Bases.

10.6. Hazardous decomposition products

During a fire, irritating or toxic fumes may be formed including: Carbon oxides and Sulfur oxides.

11. Toxicological information

11.1. Information on toxicological effects

Principle Routes of Exposure: Ingestion, Inhalation, Skin and eye contact.
Target Organs: Not applicable.

11.2. Symptoms related to the physical, chemical and toxicological characteristics

Acute Effects/Symptoms:
Inhalation: No significant effects or symptoms expected.
Skin contact: No significant effects or symptoms expected.
Eye contact: No significant effects or symptoms expected.
Ingestion: No significant effects or symptoms expected.
Delayed Effects/Symptoms: No significant effects or symptoms expected.

Delayed and immediate effects and chronic effects from short or long-term exposure:

Classification	Category	Hazard Description
Acute toxicity	---	Does not meet the criteria for classification
Skin corrosion/irritation	---	Does not meet the criteria for classification
Serious eye damage/irritation	---	Does not meet the criteria for classification
Respiratory sensitization	---	Does not meet the criteria for classification
Skin sensitization	---	Does not meet the criteria for classification
Germ cell mutagenicity	---	Does not meet the criteria for classification
Carcinogenicity	---	Does not meet the criteria for classification This product contains ingredients suspected of or being known to be a carcinogen under OSHA, NTP, IARC, and/or NIOSH.
Reproductive toxicity	---	Does not meet the criteria for classification
STOT-single exposure	---	Does not meet the criteria for classification
STOT-repeated exposure	---	Does not meet the criteria for classification
Aspiration hazard	---	Does not meet the criteria for classification

Carcinogenicity:

Component	IARC	NTP	ACGIH	OSHA
Diethanolamine	Group 2B	Not Listed	A3	Not Listed
Cocamide DEA (Condensate)	Group 2B	Not Listed	A4	Not Listed

Toxicity Data (Numerical Values such as Acute Toxicity Data and Irritation Studies)

No hazardous ingredients.

12. Ecological information

12.1. Ecotoxicity (aquatic and terrestrial, where available)

No data on this product.

Ingredient Data:

No data available.

12.2. Persistence and degradability

No data available.

12.3. Bio accumulative potential

No data available.

12.4. Mobility in soil

Ecology – soil: No data available.

12.5. Results of PBT and vPvB assessment

No data available.

12.6. Other adverse effects

None known.

13. Disposal considerations

13.1. Waste Treatment Methods

Handling for Disposal:

Handle in accordance with good industrial hygiene and safety practices. Refer to protective measures listed in sections 7 and 8.

Methods of Disposal:

Dispose of in accordance with all applicable federal, state, provincial and local regulations.

Empty Container Warning:

Contaminated packaging may contain traces of the product and therefore should be disposed of in the same way as the product.

14. Transport information

US Department of Transportation (DOT)

Canadian Transportation of Dangerous Goods Act/Regulations (TDG)

IMDG (Transport by sea)

IATA (Air Transport)

Environmental Hazards

Special Precautions for User

Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code

Not regulated for transport

Not regulated for transport

Not regulated for transport

Not regulated for transport

Marine Pollutant: NO

No additional information

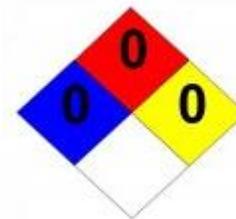
No additional information

15. Regulatory information

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

Regulatory Overview: The regulatory data in Section 15 is not intended to be all-inclusive, only selected regulations are represented.

USA OSHA Hazard Communication Standard
(According to Federal Register/ Vol. 77, No.58/ Mon Mar 26, 2012/Rules & Regulations)



Not hazardous according to OSHA HCS (HAZCOM 2012)

National Fire Protection Association® (NFPA®) Classification

American Coatings Association (ACA)

Hazardous Materials Identification ® System (HMIS ®)
III Classification

Health	0
Flammability	0
Physical Hazard	0
Personal Protection	X

USA FEDERAL REGULATIONS:

TSCA:

All Products ingredients are listed on or exempt from the TSCA inventory.

SARA (Superfund Amendments and Reauthorization Act):

CERCLA RQ (lbs.) Ingredients (>0.1%)

No product ingredients listed.

EPCRA 302 – Extremely Hazardous (>0.1%):

No product ingredients listed.

EPCRA 313 Toxic Chemicals (>0.1%):

No product ingredients listed.

USA STATE REGULATION:

California Prop 65 (California Safe Drinking Water and Toxic Enforcement Act):

Prop 65 Ingredients:

Diethanolamine (CAS-No. 111-42-2) (Carcinogen)

Coconut oil diethanolamine condensate (cocamide diethanolamine) (Carcinogen)

State Right to Know Elements:

Massachusetts RTK:

No product ingredients listed

Pennsylvania RTK:

No product ingredients listed

New Jersey RTK:

No product ingredients listed

CANADA FEDERAL REGULATIONS:

WHMIS 2015:

Not hazardous according to WHMIS 2015.

DSL (Domestic Substances List):

All product ingredients are released or listed in the Canadian DSL.

15.2. Chemical Safety Assessment

A chemical Safety Assessment has not been carried out on this product.

16. Other information

Indication of Changes	Revision
Data Sources	GHS-US, GHS-CA classification parameters. References available upon request.
Date of Issue:	August 23, 2018

DISCLAIMER OF LIABILITY:

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