

VISU-GLOW® FLUORESCENT GAS LEAK DETECTOR

Safety Data Sheet

according to Federal Register / Vol. 77, No. 58 / Monday, March 26, 2012 / Rules and Regulations, Canada Hazardous Products Regulations (HPR) / Règlement sur les produits dangereux (RPD)
SDS Reference Number: LACO1412015
Issue date: 12/19/2014 Revision date: 8/20/2024 Supersedes: 3/24/2020 Version: 4.0

SECTION 1: Identification

1.1. Identification

Product form : Mixture
Trade name : VISU-GLOW® FLUORESCENT GAS LEAK DETECTOR

1.2. Recommended use and restrictions on use

Restrictions on use : No additional information available

1.3. Supplier

LA-CO Industries, Inc. : Imported by Bromic Group
1201 Pratt Blvd. Address: 10 Phiney Place Ingleburn NSW 2565
Elk Grove Village, IL, 60007-5746 Telephone: 1300 276 642
US Emergency Contact: 13 11 26 (National Poison Centre)
T 847-956-7600 - F 847-956-9885
customer_service@laco.com

1.4. Emergency telephone number

Emergency number : 24-hour emergency: CHEMTREC- U.S. : 1-800-424-9300 International: +1-703-527-3887;
全国应急中心 0532 8388 9090

SECTION 2: Hazard(s) identification

2.1. Classification of the substance or mixture

GHS US classification

Carcinogenicity Category 2 H351 Suspected of causing cancer
Full text of H statements : see section 16

2.2. GHS Label elements, including precautionary statements

GHS US labeling

Hazard pictograms (GHS US) :



Signal word (GHS US) : Warning
Hazard statements (GHS US) : H351 - Suspected of causing cancer
Precautionary statements (GHS US) : P201 - Obtain special instructions before use.
P202 - Do not handle until all safety precautions have been read and understood.
P280 - Wear protective gloves/protective clothing/eye protection/face protection.
P308+P313 - If exposed or concerned: Get medical advice/attention.
P405 - Store locked up.
P501 - Dispose of contents/container to hazardous or special waste collection point, in accordance with local, regional, national and/or international regulation.

2.3. Other hazards which do not result in classification

No additional information available

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2.4. Unknown acute toxicity (GHS US)

0.28% of the mixture consists of ingredient(s) of unknown acute toxicity (Oral)

29.53% of the mixture consists of ingredient(s) of unknown acute toxicity (Dermal)

28.33% of the mixture consists of ingredient(s) of unknown acute toxicity (Inhalation (Dust/Mist))

SECTION 3: Composition/Information on ingredients

3.1. Substances

Not applicable

3.2. Mixtures

Name	Product identifier	%	GHS US classification
Carboxymethyl cellulose sodium salt	CAS-No.: 9004-32-4	1 – 5	Aquatic Acute 3, H402
amides, coco, N,N-bis(hydroxyethyl)	CAS-No.: 68603-42-9	0.1 - 1	Skin Irrit. 2, H315 Eye Irrit. 2A, H319 Carc. 2, H351

*Chemical name, CAS number and/or exact concentration have been withheld as a trade secret

Full text of hazard classes and H-statements : see section 16

SECTION 4: First-aid measures

4.1. Description of first aid measures

First-aid measures general	: Never give anything by mouth to an unconscious person. If you feel unwell, seek medical advice (show the label where possible). IF exposed or concerned: Get medical advice/attention.
First-aid measures after inhalation	: Remove person to fresh air and keep comfortable for breathing. Allow affected person to breathe fresh air.
First-aid measures after skin contact	: Wash skin with mild soap and water. Wash skin with plenty of water.
First-aid measures after eye contact	: Rinse eyes with water as a precaution.
First-aid measures after ingestion	: Call a POISON CENTER or doctor/physician if you feel unwell. Call a poison center/doctor/physician if you feel unwell.

4.2. Most important symptoms and effects (acute and delayed)

Symptoms/effects after inhalation	: In high concentrations : May cause drowsiness or dizziness.
Symptoms/effects after skin contact	: None under normal conditions.
Symptoms/effects after eye contact	: None under normal conditions.
Symptoms/effects after ingestion	: None under normal conditions.

4.3. Immediate medical attention and special treatment, if necessary

No special procedures required. Treat symptomatically.

SECTION 5: Fire-fighting measures

5.1. Suitable (and unsuitable) extinguishing media

Suitable extinguishing media	: Water fog. Water spray. Dry powder. Foam. Carbon dioxide.
Unsuitable extinguishing media	: None known.

5.2. Specific hazards arising from the chemical

Fire hazard	: No particular fire or explosion hazard.
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Explosion hazard : No direct explosion hazard.
Hazardous decomposition products in case of fire : Carbon monoxide. Carbon dioxide.

5.3. Special protective equipment and precautions for fire-fighters

Firefighting instructions : Do not allow run-off from fire fighting to enter drains or water courses. Do not enter fire area without proper protective equipment, including respiratory protection.
Protection during firefighting : Do not enter fire area without proper protective equipment, including respiratory protection. Fire-resistant protective clothing. Wear a self contained breathing apparatus. EN469. Do not attempt to take action without suitable protective equipment. Self-contained breathing apparatus. Complete protective clothing.

SECTION 6: Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures

General measures : This product is not hazardous. Stop leak if safe to do so. Notify authorities if product enters sewers or public waters. Absorb spillage to prevent material-damage.

6.1.1. For non-emergency personnel

Protective equipment : Wear recommended personal protective equipment.
Emergency procedures : Ventilate spillage area. Evacuate unnecessary personnel.

6.1.2. For emergency responders

Protective equipment : Do not attempt to take action without suitable protective equipment. For further information refer to section 8: "Exposure controls/personal protection".
Emergency procedures : No additional risk management measures required. Evacuate unnecessary personnel. Stop leak if safe to do so.

6.2. Environmental precautions

Avoid release to the environment. Contains no substances known to be hazardous to the environment.

6.3. Methods and material for containment and cleaning up

For containment : Absorb spilled material with sand or earth. Contain any spills with dikes or absorbents to prevent migration and entry into sewers or streams. Stop leak, if possible without risk.
Methods for cleaning up : Take up liquid spill into absorbent material. Wipe up with absorbent material (for example cloth). Notify authorities if product enters sewers or public waters.
Other information : Dispose of materials or solid residues at an authorized site.

6.4. Reference to other sections

Section 13: disposal information. Section 7: safe handling. Section 8: personal protective equipment. For further information refer to section 13.

SECTION 7: Handling and storage

7.1. Precautions for safe handling

Additional hazards when processed : Not expected to present a significant hazard under anticipated conditions of normal use.
Precautions for safe handling : Ensure good ventilation of the work station. Does not necessitate any specific/particular technical measures. Obtain special instructions before use. Do not handle until all safety precautions have been read and understood. Wear personal protective equipment.
Hygiene measures : Wash hands and other exposed areas with mild soap and water before eating, drinking or smoking and when leaving work. Do not eat, drink or smoke when using this product. Always wash hands after handling the product.

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7.2. Conditions for safe storage, including any incompatibilities

Technical measures	: Keep in a cool, well-ventilated place away from heat.
Storage conditions	: Store in original container. Store locked up.
Packaging materials	: Store always product in container of same material as original container.

SECTION 8: Exposure controls/personal protection

8.1. Control parameters

No additional information available

8.2. Appropriate engineering controls

Appropriate engineering controls	: Ensure good ventilation of the work station.
Environmental exposure controls	: Avoid release to the environment.

8.3. Individual protection measures/Personal protective equipment

Personal protective equipment:

Avoid all unnecessary exposure.

Hand protection:

None under normal use.

Eye protection:

No special eye protection equipment recommended under normal conditions of use. Safety glasses

Skin and body protection:

Wear suitable protective clothing

Respiratory protection:

No special respiratory protection equipment is recommended under normal conditions of use with adequate ventilation

Personal protective equipment symbol(s):



SECTION 9: Physical and chemical properties

9.1. Information on basic physical and chemical properties

Physical state	: Liquid
Appearance	: Viscous liquid.
Color	: light yellow-green
Odor	: Odorless
Odor threshold	: No data available
pH	: No data available
Melting point	: -10 °C
Freezing point	: No data available
Boiling point	: 105 °C
Flash point	: > 107 °C
Relative evaporation rate (butyl acetate=1)	: No data available
Flammability (solid, gas)	: No data available

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Vapor pressure	: No data available
Relative vapor density at 20°C	: No data available
Relative density	: No data available
Solubility	: Soluble in water.
Partition coefficient n-octanol/water (Log Pow)	: No data available
Auto-ignition temperature	: No data available
Decomposition temperature	: No data available
Viscosity, kinematic	: No data available
Viscosity, dynamic	: No data available
Explosion limits	: No data available
Explosive properties	: No data available
Oxidizing properties	: No data available

9.2. Other information

VOC content : 30 %

SECTION 10: Stability and reactivity

10.1. Reactivity

No dangerous reactions known.

10.2. Chemical stability

Stable under normal conditions.

10.3. Possibility of hazardous reactions

Hazardous polymerization will not occur.

10.4. Conditions to avoid

None known.

10.5. Incompatible materials

Water reactive.

10.6. Hazardous decomposition products

No dangerous decomposition products known.

SECTION 11: Toxicological information

11.1. Information on toxicological effects

Acute toxicity (oral)	: Not classified
Acute toxicity (dermal)	: Not classified
Acute toxicity (inhalation)	: Not classified

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Unknown acute toxicity (GHS US)	0.28% of the mixture consists of ingredient(s) of unknown acute toxicity (Oral) 29.53% of the mixture consists of ingredient(s) of unknown acute toxicity (Dermal) 28.33% of the mixture consists of ingredient(s) of unknown acute toxicity (Inhalation (Dust/Mist))
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Carboxymethyl cellulose sodium salt (9004-32-4)

LD50 oral rat	27000 mg/kg
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Carboxymethyl cellulose sodium salt (9004-32-4)	
LD50 dermal rabbit	> 2000 mg/kg Source: Corporate Solution From Thomson Micromedex
LC50 Inhalation - Rat	5800 mg/m ³
ATE US (oral)	27000 mg/kg body weight
ATE US (vapors)	5.8 mg/l/4h
ATE US (dust, mist)	5.8 mg/l/4h
amides, coco, N,N-bis(hydroxyethyl) (68603-42-9)	
LD50 oral rat	> 5000 mg/kg Source: IUCLID;
LD50 dermal rabbit	> 2000 mg/kg Source: NLM; ChemIDPlus;
Skin corrosion/irritation	: Not classified
Carboxymethyl cellulose sodium salt (9004-32-4)	
pH	6.5 – 8
amides, coco, N,N-bis(hydroxyethyl) (68603-42-9)	
pH	9.5 – 10.5 Source: KOSHANET
Serious eye damage/irritation	: Not classified
Carboxymethyl cellulose sodium salt (9004-32-4)	
pH	6.5 – 8
amides, coco, N,N-bis(hydroxyethyl) (68603-42-9)	
pH	9.5 – 10.5 Source: KOSHANET
Respiratory or skin sensitization	: Not classified
Germ cell mutagenicity	: Not classified
Carcinogenicity	: Suspected of causing cancer.
amides, coco, N,N-bis(hydroxyethyl) (68603-42-9)	
IARC group	2B - Possibly carcinogenic to humans
Reproductive toxicity	: Not classified
STOT-single exposure	: Not classified
STOT-repeated exposure	: Not classified
Aspiration hazard	: Not classified
Viscosity, kinematic	: No data available
Likely routes of exposure	: Skin and eye contact. Inhalation.
Symptoms/effects after inhalation	: In high concentrations : May cause drowsiness or dizziness.
Symptoms/effects after skin contact	: None under normal conditions.
Symptoms/effects after eye contact	: None under normal conditions.
Symptoms/effects after ingestion	: None under normal conditions.

SECTION 12: Ecological information

12.1. Toxicity

Ecology - general : The product is not considered harmful to aquatic organisms or to cause long-term adverse effects in the environment.

Carboxymethyl cellulose sodium salt (9004-32-4)	
LC50 - Fish [1]	100 (100 – 1000) mg/l

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Carboxymethyl cellulose sodium salt (9004-32-4)

EC50 - Crustacea [1]	87.26 mg/l Source: The ECOTOXicology database
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amides, coco, N,N-bis(hydroxyethyl) (68603-42-9)

LC50 - Fish [1]	3.6 mg/l Source: IUCLID
EC50 - Crustacea [1]	2.39 mg/l Source: IUCLID
EC50 96h - Algae [1]	2.2 mg/l Source: IUCLID

12.2. Persistence and degradability

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Persistence and degradability	Not established.
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Carboxymethyl cellulose sodium salt (9004-32-4)

Persistence and degradability	Readily biodegradable.
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amides, coco, N,N-bis(hydroxyethyl) (68603-42-9)

Persistence and degradability	Readily biodegradable.
Biodegradation	71 % 30 d

12.3. Bioaccumulative potential

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Bioaccumulative potential	Not established.
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amides, coco, N,N-bis(hydroxyethyl) (68603-42-9)

Partition coefficient n-octanol/water (Log Pow)	3.52 Source: IUCLID
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12.4. Mobility in soil

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Ecology - soil	Not established.
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amides, coco, N,N-bis(hydroxyethyl) (68603-42-9)

Mobility in soil	45.02
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12.5. Other adverse effects

Other information : No other effects known.

SECTION 13: Disposal considerations

13.1. Disposal methods

Regional waste regulation	: Disposal must be done according to official regulations.
Waste treatment methods	: Dispose of contents/container in accordance with licensed collector's sorting instructions.
Sewage disposal recommendations	: Do not dispose of waste into sewer. Disposal must be done according to official regulations.
Product/Packaging disposal recommendations	: Dispose in a safe manner in accordance with local/national regulations. Disposal must be done according to official regulations.
Additional information	: Do not re-use empty containers.

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SECTION 14: Transport information

In accordance with DOT / TDG / IMDG / IATA

DOT	TDG	IMDG	IATA
14.1. UN number			
Not regulated for transport			
14.2. Proper Shipping Name			
Not regulated.	Not regulated.	Not regulated.	Not regulated.
14.3. Transport hazard class(es)			
Not regulated.	Not regulated.	Not regulated.	Not regulated.
14.4. Packing group			
Not regulated.	Not regulated.	Not regulated.	Not regulated.
14.5. Environmental hazards			
Not regulated.	Not regulated.	Not regulated.	Not regulated.
No supplementary information available			

14.6. Special precautions for user

DOT

Not regulated.

TDG

Not regulated.

IMDG

Not regulated.

IATA

Not regulated.

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

Not applicable

SECTION 15: Regulatory information

15.1. US Federal regulations

All components of this product are present and listed as Active on the United States Environmental Protection Agency Toxic Substances Control Act (TSCA) inventory

15.2. International regulations

CANADA

Carboxymethyl cellulose sodium salt (9004-32-4)

Listed on the Canadian DSL (Domestic Substances List)

amides, coco, N,N-bis(hydroxyethyl) (68603-42-9)

Listed on the Canadian DSL (Domestic Substances List)

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EU-Regulations

amides, coco, N,N-bis(hydroxyethyl) (68603-42-9)

Listed on the EEC inventory EINECS (European Inventory of Existing Commercial Chemical Substances)

National regulations

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All ingredients are listed on the Canadian Domestic Substances List (DSL) or Non-Domestic Substances List (NDSL).

Carboxymethyl cellulose sodium salt (9004-32-4)

Listed on INSQ (Mexican National Inventory of Chemical Substances)

Listed on KECI (Korean Existing Chemicals Inventory)

Listed on the TCSI (Taiwan Chemical Substance Inventory)

Listed on NZIoC (New Zealand Inventory of Chemicals)

Listed introduction on Australian Industrial Chemicals Introduction Scheme (AICIS Inventory)

amides, coco, N,N-bis(hydroxyethyl) (68603-42-9)

Listed on IARC (International Agency for Research on Cancer)

Listed on PICCS (Philippines Inventory of Chemicals and Chemical Substances)

Listed on NZIoC (New Zealand Inventory of Chemicals)

Listed introduction on Australian Industrial Chemicals Introduction Scheme (AICIS Inventory)

Listed on Taiwan National Chemical Inventory

Listed on the Inventory of Existing Chemical Substances Produced or Imported in China (IECSC).

Listed on the Japanese ENCS (Existing New Chemical Substances) inventory

Listed on KECL/KECI (Korean Existing Chemicals Inventory)

Listed on KECI (Korean Existing Chemicals Inventory)

Listed on the TCSI (Taiwan Chemical Substance Inventory)

Listed on INSQ (Mexican National Inventory of Chemical Substances)

15.3. US State regulations



WARNING:

This product can expose you to Diethanolamine, which is known to the State of California to cause cancer, and Methanol, which is known to the State of California to cause birth defects or other reproductive harm. For more information go to www.P65Warnings.ca.gov.

Name	Cas No.	Carc.	Dev.	Repro. (Female)	Repro. (Male)	NSRL	MADL
Diethanolamine	111-42-2	X					
Coconut oil diethanolamine condensate (cocamide diethanolamine)	68603-42-9	X					
Methanol	67-56-1		X				47000 µg/day (inhalation); 23,000 µg/day (oral)
o-Phenylphenate, sodium	132-27-4	X				200 µg/day	

SECTION 16: Other information

according to Federal Register / Vol. 77, No. 58 / Monday, March 26, 2012 / Rules and Regulations, Canada Hazardous Products Regulations (HPR) / Règlement sur les produits dangereux (RPD)

Revision date

: 8/20/2024

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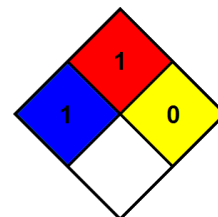
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Data sources	: Canadian Centre for Occupational Health and Safety. Accessed at: http://www.ccohs.ca/oshanswers/legisl/whmis_classifi.html . European Chemicals Agency (ECHA) Registered Substances list. Accessed at http://echa.europa.eu/ . Krister Forsberg and S.Z. Mansdorf, "Quick Selection Guide to Chemical Protective Clothing", Fifth Edition. OSHA 29CFR 1910.1200 Hazard Communication Standard. REGULATION (EC) No 1272/2008 OF THE EUROPEAN PARLIAMENT AND OF THE COUNCIL of 16 December 2008 on classification, labeling and packaging of substances and mixtures, amending and repealing Directives 67/548/EEC and 1999/45/EC, and amending Regulation (EC) No 1907/2006. TSCA Chemical Substance Inventory. Accessed at http://www.epa.gov/oppt/existingchemicals/pubs/tscainventory/howto.html . National Fire Protection Association. Fire Protection Guide to Hazardous Materials; 10th edition.
Other information	: None.

Full text of hazard classes and H-statements	
H315	Causes skin irritation
H319	Causes serious eye irritation
H351	Suspected of causing cancer
H402	Harmful to aquatic life

Abbreviations and acronyms	
	ACGIH (American Conference of Government Industrial Hygienists)
	ATE: Acute Toxicity Estimate
	CAS (Chemical Abstracts Service) number
	CLP: Classification, Labelling, Packaging.
	EC50: Environmental Concentration associated with a response by 50% of the test population.
	GHS: Globally Harmonized System (of Classification and Labeling of Chemicals).
	LD50: Lethal Dose for 50% of the test population
	OSHA: Occupational Safety & Health Administration
	PBT: Persistent, Bioaccumulative, Toxic
	PNEC: Predicted No Effect Level
	STEL: Short Term Exposure Limits
	TSCA: Toxic Substances Control Act
	TWA: Time Weighted Average

NFPA health hazard	: 1 - Materials that, under emergency conditions, can cause significant irritation.
NFPA fire hazard	: 1 - Materials that must be preheated before ignition can occur.
NFPA reactivity	: 0 - Material that in themselves are normally stable, even under fire conditions.



Indication of changes:
GHS classification.

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This information is based on our current knowledge and is intended to describe the product for the purposes of health, safety and environmental requirements only. It should not therefore be construed as guaranteeing any specific property of the product.