

SAFETY DATA SHEET



SECTION 1 - CHEMICAL PRODUCT AND COMPANY IDENTIFICATION

Chemical Production Identification

Sample Name: Leak detection fluid

Sample Model: /

Recommended Uses: N/A

Restrictions on Use: N/A

Supplier Name: Reliance Worldwide Corporation (RWC)

Address: 2300 Defoor Hills Rd Atlanta, GA 30318 USA

Emergency Telephone No

Chemtrec 24 Hours: (800) 424-9300 USA

(703) 527-3887 International

Technical Service Telephone No: (877) 700-4242

SECTION 2 - HAZARDS IDENTIFICATION

Emergency overview: Yellow liquid, easily soluble in water.

Classification according to GHS

Not a dangerous substance according to GHS.

Label elements

Hazard pictogram(s): None

Signal word: None

Hazard statement(s): The mixture does not meet the criteria for classification.

Precautionary statement(s):

Prevention: Observe good industrial hygiene practices.

Response: Wash hands after handling.

Storage: Store away from incompatible materials.

Disposal: Dispose of waste and residues in accordance with local authority requirements.

Other hazards

Physical and chemical hazards: See Section 10

Human health hazards: See Section 11

Environmental hazards: See Section 12

SECTION 3 - COMPOSITION/INFORMATION ON INGREDIENTS

Chemical characterization: Mixture

Chemical Composition	CAS No.	EC#	Weight (%)
Lauryl glucoside	110615-47-9	600-975-8	0.8-3
Sodium benzoate	532-32-1	208-534-8	0.02-0.6
Sodium polyacrylate	9003-04-7	692-137-3	0.05-0.2
Water	7732-18-5	231-791-2	96.2-99.13

SECTION 4 - FIRST-AID MEASURES

Description of first aid measures

General information: Ensure that medical personnel are aware of the material(s) involved, and take precautions to protect themselves.

After eye contact

Rinse with water. Get medical attention if irritation develops or persists.

After skin contact

Wash off with soap and water. Get medical attention if irritation develops or persists.

After inhalation

Move to fresh air. Call a physician if symptoms develop or persist.

After swallowing

Rinse mouth. Get medical attention if symptoms occur.

Personal protective equipment for first-aid responders: Keep unnecessary personnel away. For personal protection, see section 6 of the SDS

Most important symptoms/effects, acute and delayed: Direct contact with eyes may cause temporary irritation.

Indication of immediate medical attention and special treatment needed: Treat symptomatically.

SECTION 5 - FIRE-FIGHTING MEASURES

Suitable extinguishing media:

Use extinguishing agent suitable for local conditions and the surrounding environment. Such as dry powder, carbon dioxide (CO₂).

Unsuitable extinguishing media: Do not use water jet as an extinguisher, as this will spread the fire.

Specific Hazards arising from the chemical: During fire, gases hazardous to health may be formed.

Specific protective actions for fire-fighters:

Protective equipment: Self-contained breathing apparatus and full protective clothing must be worn in case of fire.

SECTION 6 - ACCIDENTAL RELEASE MEASURES

Personal precautions:

Wear protective equipment. Keep unprotected personnel away. Ensure adequate ventilation

Protective equipment:

See Section 8 for information on personal protection equipment.

Emergency procedures:

Remove ignition sources, evacuate area. Sweep up using a method that does not generate dust. Collect as much of the spilled material as possible, placed the spilled material into a suitable disposal container. Keep spilled material out of sewers, ditches and bodies of water

Environmental precautions:

Avoid discharge into drains, water courses or onto the ground.

Methods and materials for containment and cleaning up:

Use water spray to reduce vapors or divert vapor cloud drift. This product is miscible in water.

Large Spills - Stop the flow of material, if this is without risk. Dike the spilled material, where this is possible. Cover with plastic sheet to prevent spreading. Absorb in vermiculite, dry sand or earth and place into containers. Following product recovery, flush area with water.

Small Spills - Wipe up with absorbent material (e.g. cloth, fleece). Clean surface thoroughly to remove residual contamination. Never return spills to original containers for re-use.

For waste disposal, see section 13 of the SDS.

SECTION 7 - HANDLING AND STORAGE

Precautions for safe handling:

Storage in a cold, dry, well ventilated environment. Store away from food and water supplies. Wash your hands thoroughly before eating and drinking. Storage of chemicals needed to prevent the generation and accumulation of static electricity when handling the container.

Conditions for safe storage, including any incompatibilities:

Store in a cool, dry, well-ventilated place. Keep away from heat. Keep container tightly sealed.

SECTION 8 - EXPOSURE CONTROLS/PERSONAL PROTECTION

Control parameters

CAS No.	ACGIH	NIOSH	OSHA
Lauryl glucoside	110615-47-9	600-975-8	0.8-3
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Engineering control:

Good general ventilation (typically 10 air changes per hour) should be used. Ventilation rates should be matched to conditions. If applicable, use process enclosures, local exhaust ventilation, or other engineering controls to maintain airborne levels below recommended exposure limits. If exposure limits have not been established, maintain airborne levels to an acceptable level.

Personal Protective Equipment

Respiratory protection: In case of insufficient ventilation, wear suitable respiratory equipment.

Hand Protection: Wear suitable protective clothing.

Eyes/Face Protection: Wear safety glasses with side shields (or goggles).

Skin and Body Protection: Wear appropriate chemical-resistant gloves. Suitable gloves can be recommended by the glove supplier.

Thermal hazards: Wear appropriate thermal protective clothing, when necessary.

General hygiene considerations: Always observe good personal hygiene measures, such as washing after handling the material and before eating, drinking, and/or smoking. Routinely wash work clothing and protective equipment to remove contaminants.

SECTION 9 - PHYSICAL AND CHEMICAL PROPERTIES

Information on basic physical and chemical properties

Color:	Yellow
Physical State:	Liquid
Odor:	Soapy
pH:	5.3(2.5.2 °C, 47%RH)
Melting point/freezing point:	Not available
Boiling point or initial boiling point and boiling range:	Not available
Flash Point:	>100.0 °C (Closed cup)
Flammability:	Not available
Solubility:	Easily soluble
Lower and upper explosion limit/flammability limit:	Not available
Auto-ignition temperature:	Not available
Decomposition temperature:	Not available
Kinematic viscosity:	Not available
Partition coefficient: n-octanol/water (log value):	Not available
Vapor pressure:	Not available
Density and/or relative density:	Not available
Relative vapor density:	Not available
Particle characteristics:	Not available

SECTION 10 - STABILITY AND REACTIVITY

Chemical Stability:	Stable
Possibility of hazardous reaction:	No data available
Conditions to Avoid:	Incompatible materials
Incompatible materials:	No data available
Hazardous decomposition products:	Carbon oxide

SECTION 11 - TOXICOLOGICAL INFORMATION

Acute Toxicity:

CAS NO.	LC50/LD50
110615-47-9	No data available
532-32-1	No data available
9003-04-7	No data available
7732-18-5	No data available

Skin corrosion/irritation: Prolonged skin contact may cause temporary irritation.

Serious eye damage/irritation: Direct contact with eyes may cause temporary irritation.

Respiratory or skin sensitization: Not a respiratory sensitizer. This product is not expected to cause skin sensitization.

Germ cell mutagenicity: No data available to indicate product or any components present at greater than 0.1% are mutagenic or genotoxic.

Carcinogenicity: This product is not considered to be a carcinogen by IARC, ACGIH, NTP, or OSHA. IARC Monographs.

Overall Evaluation of Carcinogenicity: Not listed.

NTP Report on Carcinogens: Not listed.

OSHA Specifically Regulated Substances (29 CFR 1910.1001-1050): Not regulated.

Reproductive toxicity: This product is not expected to cause reproductive or developmental effects.

Specific target organ toxicity-single exposure: Not classified.

Specific target organ toxicity-repeated exposure: Not classified.

Aspiration hazard: Not an aspiration hazard.

Information on the likely routes of exposure: No data available

Eye: No data available

Skin: No data available

Ingestion: No data available

Inhalation: No data available

SECTION 12 - ECOLOGICAL INFORMATION

Ecological Toxicity: The product is not classified as environmentally hazardous. However, this does not exclude the possibility that large or frequent spills can have a harmful or damaging effect on the environment.

Persistence and degradability: No data is available on the degradability of this product.

Bioaccumulative potential: No data available

Mobility in Soil: No data available

Other adverse effects: No other adverse environmental effects (e.g. ozone depletion, photochemical ozone creation potential, endocrine disruption, global warming potential) are expected from this component.

SECTION 13 - DISPOSAL CONSIDERATIONS

Disposal methods:

Recommendation:

Consult state, local or national regulations to ensure proper disposal

Uncleaned packaging

Recommendation: Disposal must be made according to official regulations

SECTION 14 - TRANSPORT INFORMATION

UN or ID Number	
IATA, IMDG, Model Regulation	Not regulated as dangerous goods.
Proper Shipping Name/Description	
IATA, IMDG, Model Regulation	Not regulated as dangerous goods.
Class or Div. (Sub Hazard)	
IATA, IMDG, Model Regulation	Not regulated as dangerous goods.
Packing Group	
IATA, IMDG, Model Regulation	Not regulated as dangerous goods.
Hazard Label	
IATA, IMDG, Model Regulation	Not regulated as dangerous goods.
Environmental Hazards	
IATA, IMDG, Model Regulation	Not regulated as dangerous goods.
IMDG EmS:	---
Special precautions for user	No information available

SECTION 15 - REGULATORY INFORMATION

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

CAS No.	TSCA	IECSC	DSL/NDSL	EINECS/ELINCS/ NLP
110615-47-9	Listed	Listed	Listed DSL	Listed
532-32-1	Listed	Listed	Listed DSL	Listed
9003-04-7	Listed	Listed	Listed DSL	Listed
7732-18-5	Listed	Listed	Listed DSL	Listed

SECTION 16 - OTHER INFORMATION

Issue Date: 2023-02-22

Issue Department: Technical department

Modification record:

Notice to reader

To the best of our knowledge, the information contained herein is accurate. However, neither the above named supplier nor any of its subsidiaries assumes any liability whatsoever for the accuracy or completeness of the information contained herein.

Final determination of suitability of any material is the sole responsibility of the user. All materials may present unknown hazards and should be used with caution. Although certain hazards are described herein, we cannot guarantee that these are the only hazards that exist.

Other Information:

CAS: Chemical Abstracts Service

EC: European Commission

ACGIH: American Conference of Government Industrial Hygienists

NIOSH: US National Institute for Occupational Safety and Health

OSHA: US Occupational Safety and Health

TLV: Threshold Limit Value

TWA: Time Weighted Average

STEL: Short Term Exposure Limit

PEL: Permissible Exposure Level

REL: Recommended Exposure Limit

PC-STEL: Permissible concentration-short time exposure limit

PC-TWA: Permissible concentration-time weighted average

IARC: International Agency for Research on Cancer

LC50: Lethal concentration, 50 percent kill
LD50: Lethal dose, 50 percent kill
EC50: Median effective concentration
BCF: Bioconcentration Factor
BOD: Biochemical Oxygen Demand
IECSC: Inventory of Existing Chemical Substances in China
NOEC: No Observed Effect Concentration
NTP: US National Toxicology Program
RTECS: Registry of Toxic Effects of Chemical Substances
TOC: Total Organic Carbon
TSCA: Toxic Substances Control Act of USA
DSL: The Domestic Substances List of Canada
NDSL: The Non-domestic Substances List of Canada
IATA: International Air Transport Association
IMDG: International Maritime Dangerous Goods
TDG: Recommendations on the TRANSPORT OF DANGEROUS GOODS Model Regulations