



SAFETY DATA SHEET

LIME OIL DISTILLED 2-FOLD

Issue date: 04-17-2024

Revision # 0

Print date: 04-17-2024

1. IDENTIFICATION

Product Description: LIME OIL DISTILLED 2-FOLD
CAS # MIXTURE
Other means of identification
Qaroma Item # 1040924
Recommended use Used as a fragrance ingredient according to legal and IFRA guidelines.
For Manufacturing Use Only
Recommended restrictions

Company

Qaroma Incorporated
8055 TX-60 S
Bay City, TX, 77414
call: 979-244-0100

Manufacturer/Importer/Supplier/Distributor information

Manufacturer

Company name	Qaroma Incorporated		
Address	8055 TX-60 S Bay City, TX, 77414 United States		
Telephone	For information call:	979-244-0100	
E-mail	ehsbc@chemicalsinc.com		
Emergency phone number	979-244-0100		

2. HAZARD(S) IDENTIFICATION

HAZARDS

SKIN SENSITIZATION CATEGORY 1

H226 Flammable liquid & Vapor
H315 Skin irritation
H317 Cause allergic skin reaction
H318 Cause eye damage
May be harmful if inhaled. May cause respiratory tract irritation.
May be harmful if swallowed.

PRECAUTIONS

P261 Avoid breathing vapors/spray.
P272 Neat work clothes
P280 Wear proper PPE
P302+P352 IF ON SKIN: Wash with plenty of water
P333+P313 If skin irritation or rash: Get medical advice/attention
P321 Specific treatment

3. COMPOSITION/INFORMATION ON INGREDIENTS

Mixtures

Chemical name	Common names and synonyms	CAS number	EC number	Concentration(%)
Lime Oil Distilled 2-Fold	Citrus Aurantifolia Swingle	MIXTURE	NONE	100

4. FIRST-AID MEASURES

Inhalation	If breathed in, move a person into fresh air. If not breathing, give artificial respiration. Consult a physician.
Skin contact	Wash off with soap and plenty of water. Consult a physician.
Eye contact	Flush the eyes with plenty of fresh water. Get medical assistance immediately
Ingestion	Never give anything by mouth to an unconscious person. Rinse mouth with water. Consult a physician.
Symptoms	No data
Indication of immediate medical attention and special treatment needed	Not available.
General advice	Consult a physician. Show this safety data sheet to the doctor in attendance
symptoms/effects	No data

Indication of immediate medical attention and special treatment needed Not available.

General information Provide all the necessary documents regarding this chemical to the physician.

5. FIRE-FIGHTING MEASURES

Suitable extinguishing media Use water spray, alcohol-resistant foam, dry chemical, or carbon

Unsuitable extinguishing media Do not use a solid water stream as it may scatter and spread fire.

Specific hazards arising from the chemical Fire may produce irritating, corrosive and/or toxic gases.

Special protective equipment and precautions for firefighters Wear self-contained breathing apparatus for firefighting if necessary.

Firefighting equipment/instructions Use standard firefighting procedures and consider the hazards of other involved materials.

Specific methods No Data

General fire hazards

6. ACCIDENTAL RELEASE MEASURES

Personal precautions, protective equipment, and emergency procedures Use personal protective equipment. Avoid dust formation. Avoid breathing vapors, mist or gas. Ensure adequate ventilation. Evacuate personnel to safe areas. Avoid breathing dust. For personal protection see section 8.

Methods and materials for containment and cleaning up Pick up and arrange disposal. Sweep up and shovel. Keep in suitable, closed containers for disposal.

Prevent further leakage or spillage if safe to do so. Do not let product enter drains. Discharge into the environment must be avoided.

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.

Small Spills: Wipe up with absorbent material (e.g., cloth, fleece). Clean surface thoroughly to remove residual contamination.

Use water spray to cool unopened containers.

Environmental precautions Retain and dispose of contaminated wash water. Avoid release to the environment. Contact local authorities in case of spillage to drain/aquatic environment. Prevent further leakage or spillage if safe to do so. Do not contaminate the water.

7. HANDLING AND STORAGE

Precautions for safe handling Avoid contact with skin and eyes. Avoid formation of vapor and aerosols. Avoid exposure - obtain special instructions before use. Provide appropriate exhaust ventilation at places where vapor is formed. Keep away from sources of ignition - No smoking. Take measures to prevent the buildup of electrostatic charge.

Conditions for safe storage, including any incompatibilities Keep container closed. Handle containers with care. Open slowly to control possible pressure release. Store in a cool, well-ventilated area.

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

Control parameters

Occupational Exposure limit values No Data available

Biological limit values No Data available

Individual protection measures, such as personal protective equipment

Eye/face protection Wear safety glasses with side shields (or goggles). Wear safety glasses with side shields (or goggles). Face shield is recommended.

Skin protection Wear impervious clothing. The type of protective equipment must be selected according to the concentration and number of dangerous substances at the specific workplace. Handle with gloves. Gloves must be inspected prior to use. Use proper glove removal technique (without touching glove's outer surface) to avoid skin contact with this product. Dispose of contaminated gloves after use in accordance with applicable laws and good laboratory practices. Wash and dry hands. The selected protective gloves must satisfy the specifications of EU Directive 89/686/EEC and the standard EN 374 derived from it.

Hand protection Chemical resistant gloves.

Other Use of an impervious apron is recommended.

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

Thermal hazards No Data available.

9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance	Yellowish Liquid.
Physical state	Liquid.
Color	Yellow.
Odor threshold	Not available.
pH	Not available.
Melting point/freezing point	Not available.
Initial boiling point and boiling range	Not available.
Flash point	147.0 °F (63.9 °C) Closed Cup
Evaporation rate	Not available.
Flammability (solid, gas)	Not applicable.
Upper/lower flammability or explosive limits	
Explosive limit - lower (%)	Not available.
Explosive limit - upper (%)	Not available.
Vapor pressure	Not available
Vapor density	Not available.
Relative density	Not available.
Solubility(ies)	
Solubility (water)	Not Soluble
Partition coefficient (n-octanol/water)	Not available.
Auto-ignition temperature	Not available.
Decomposition temperature	Not available.
Viscosity	Not available.
Other information	
Explosive properties	Not explosive.
Molecular formula	NA
Oxidizing properties	Not available.
Specific gravity	0.88 @ 25°C



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10. STABILITY AND REACTIVITY

Reactivity Chemical stability	No Data available
Chemical Stability	Stable under recommended storage conditions.
Possibility of hazardous reactions	No Data available
Conditions to avoid	Heat, flames, and sparks.
Incompatible materials	No Data available.
Hazardous decomposition products	Hazardous decomposition products formed under fire conditions.

11. TOXICOLOGICAL INFORMATION

Information on likely routes of exposure

Inhalation	No Data available.
Skin contact	No Data available.
Eye contact	No Data available.
Ingestion	No Data available.

Symptoms related to the physical, chemical, and toxicological characteristics No Data available.

Information on toxicological effects

Acute toxicity No Data available.

12. ECOLOGICAL INFORMATION

Ecotoxicity No Data available.

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

Bio accumulative potential

Mobility in soil No data available.

Other adverse effects No Data available.



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13. DISPOSAL

Disposal instructions	Do not discharge into drains, water courses or onto the ground. Do not allow this material to drain into sewers/water supplies. Do not contaminate ponds, waterways, or ditches with chemical or used containers. Dispose of contents/container in accordance with local/regional/national/international regulations.
Local disposal regulations	Dispose in accordance with all applicable regulations.
Waste from residues	Empty containers or liners may retain some product residues. This material and its container must be disposed of in a safe manner
Contaminated packaging	Containers can be triply rinsed (or equivalent) and offered for recycling or reconditioning. Alternatively, the packaging can be punctured to make it unusable for other purposes and then be disposed of in a sanitary landfill. Controlled incineration with flue gas scrubbing is possible for combustible packaging materials.

14. TRANSPORTATION

DOT(US)

UN number: 1993 Class: 3 Packing group: III

Proper shipping name : FLAMMABLE LIQUID NOS

ADR/RID

No Data

IMDG

UN number: 1993 Class: 3 Packing group: III

Proper shipping name : FLAMMABLE LIQUID NOS

IATA

UN number: 1993 Class: 3 Packing group: III

Proper shipping name : FLAMMABLE LIQUID NOS



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15. REGULATORY INFORMATION

OSHA Hazards

Combustible Liquid

SARA 302 Components

SARA 302: No chemicals in this material are subject to the reporting requirements of SARA Title III, Section 302.

SARA 313 Components

SARA 313: This material does not contain any chemical components with known CAS numbers that exceed the threshold(De Minimis) reporting levels established by SARA Title III, Section 313.

SARA 311/312 Hazards

Fire Hazard

Other federal regulations

Clean Air Act (CAA) Section 112 Hazardous Air Pollutants (HAPs) List

Not regulated.

Clean Air Act (CAA) Section 112(r) Accidental Release Prevention (40 CFR 68.130)

Not regulated.

Safe Drinking Water Act (SDWA)

Not regulated.