

SAFETY DATA SHEET (SDS)

1. Identification

Product identifier/Name Oil Finder Yellow
Product Code(s) LL-OFY-Q
Supplier Name AirMore Co., Ltd.
Supplier Address 5655, Takayamacho, Ikoma-shi, Nara Prefecture 630-0101, Japan
Supplier Phone Number +81-743-21-0005
Supplier Fax Number +81-743-21-0006
Supplier E-mail Address info@n-airmore.com
Emergency Contact Number 0743-21-0005
Recommended use For oil leak detection

2. Hazard(s) identification

GHS Classification
Physical Hazards Not classified

Health Hazard
Acute toxicity (inhalation: dust/mist) : Category 4
Skin corrosion/irritation : Category 2
Serious eye damage/eye irritation : Category 2B
Germ cell mutagenicity : Category 2
Specific target organ toxicity – single exposure : Category 2
Specific target organ toxicity – repeated exposure : Category 1
Aspiration hazard: Category 1

Environmental Hazard Unable to classify

GHS Label Elements



Signal Word Danger

Hazard Statements
H315 Causes skin irritation.
H320 Causes eye irritation.
H350 May cause cancer.

Precautionary Statements

Prevention	P201 P202 P264 P280	Obtain special instructions before use. Do not handle until all safety precautions have been read and understood. Wash face, hands and exposed skin thoroughly after handling. Wear protective gloves/protective clothing/eye protection/face protection.
Response	P302+P352 P305+P351+P338 P308+P313 P332+P313 P337+P313 P362+P364	IF ON SKIN: Wash with plenty of water and soap. IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. IF exposed or concerned: Get medical advice/attention. IF skin irritation occurs: Get medical advice/attention. IF eye irritation persists: Get medical advice/attention. Take off contaminated clothing and wash it before reuse.
Storage	P405 Store locked up.	
Disposal	P501 Dispose of contents/container through a licensed professional waste disposal contractor approved by the prefectural governor.	

3. Composition/information on ingredients

Chemical or Mixture Mixture

Substance Name	CAS Registration No.	PRTR Act Designated Chemical Substance	CSCL Public Notice No.	ISHL Public Notice No.	Concentration or Concentration Range
Mineral oil	Confidential	Confidential	Confidential	Confidential	70~80%
Fluorescent dye	Confidential	Confidential	Confidential	Confidential	20~30%

Note: Information marked as confidential is not disclosed because it constitutes trade secret information.

4. First-aid measures

Inhalation	Move to fresh air and keep at rest in a position comfortable for breathing. If mist is generated, refer to Section 8.
Skin Contact	Immediately remove or take off all contaminated clothing. Wash skin gently with plenty of water and soap. If you feel unwell, contact a physician. If skin irritation or rash occurs, seek medical advice/attention. Wash contaminated clothing before reuse.
Eye Contact	Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Contact a physician immediately.
Ingestion	Contact a physician immediately. Rinse mouth. Do not induce vomiting. This product is not a hazardous substance.

5. Fire-fighting measures

Suitable Extinguishing Media	Dry chemical extinguishing agent; carbon dioxide (for small fires); water fog; foam; sand or earth.
Unsuitable Extinguishing Media	Do not use a water jet for extinguishing. The product floats on water and may spread the fire.
Specific Hazards Arising from the Chemical	During a fire, the following products may be generated: carbon oxides.
Specific Firefighting Methods	Do not use water spray or foam for firefighting. If a railway vehicle or tank truck is involved in a fire, isolate 800 meters in all directions. If there is no danger, shut off the fuel supply to the fire. If this is not possible, evacuate the area and allow controlled burning. Evacuate immediately if the sound of a safety valve becomes louder or if discoloration of a tank due to fire is observed.
Special Protective Equipment and Precautions for Firefighters	Wear self-contained breathing apparatus.

6. Accidental release measures

Personal Precautions, Protective Equipment and Emergency Procedures	Avoid contact with eyes and skin and avoid inhalation. Ventilate before entering enclosed areas. Keep unauthorized persons away. Workers should wear appropriate protective equipment (see Section 8).
Environmental Precautions	Prevent spilled material from entering sewers, drains, or low-lying areas. Avoid release into waterways.
Methods and material for containment and cleaning up	Dike the spill area to prevent spreading and pump the liquid into a waste recovery tank. Absorb with inert material such as sand, earth, or vermiculite. If the leak can be stopped without risk, take immediate action.
Measures to prevent secondary disasters	Remove all ignition sources promptly (no smoking, sparks, or flames nearby). Prevent entry into drains, sewers, basements, or confined areas. The floor may become slippery; take care to prevent falls.
Waste	Avoid release into waterways. Use a method consistent with local regulations or incinerate.

7. Handling and storage

Handling	Technical Measures	Provide engineering controls described in Section 8 and wear protective equipment. Do not handle at temperatures above 40°C unless appropriate protective equipment is worn.
	Precautions for Safe Handling	Provide exhaust ventilation to keep airborne concentrations below exposure limits.
	Contact Avoidance	Do not eat, drink, or smoke when using this product.
	Hygiene Measures	Wash hands thoroughly after handling.
Storage	Safe Conditions	Keep away from heat, sparks, and open flames. Store at 5°C to 40°C. Store in a dry, well-ventilated place, protected from light, and keep tightly sealed in the original container.

Safe Container/Packaging Materials

There are no specific packaging/container regulations; however, use a sealed and undamaged container.

8. Exposure controls/personal protection

Control Concentration		Not established.
Engineering Controls		Handle in an area equipped with general ventilation.
Protection	Respiratory Protection	When used in a manner that generates vapor/mist, wear respiratory protective equipment suitable for organic gases.
	Hand Protection	Wear oil-resistant gloves.
	Eye/Face Protection	Wear suitable protective goggles.
	Skin and Body Protection	Wear protective clothing such as long sleeves to minimize skin contact.
Special Precautions		This product does not contain hazardous substances subject to occupational exposure limits.

9. Physical and chemical properties

Physical State	Appearance	Liquid
	Color	Dark red
	Odor	Odorless or mild petroleum odor
Melting Point/Freezing Point	No data available	
Boiling Point or Initial Boiling Point and Boiling Range	No data available	
Flammability	No data available	
Lower and Upper Explosion Limits/Flammability Limits	No data available	
Flash Point	≥114°C (Test method: PMCC, ASTM D93)	
Auto-ignition Temperature	No data available	
Decomposition Temperature	No data available	
pH	No data available	
Kinematic Viscosity	>20.5 mm ² /s at 40°C	
Solubility – Water	Insoluble	
Solubility – Organic Solvents	Soluble	
Partition Coefficient: n-Octanol/Water (log value)	No data available	
Vapor Pressure	<0.1 kPa at 20°C	
Density and/or Relative Density	0.98 g/cm ³ at 20°C	
Relative Vapor Density	No data available	
Particle Characteristics	No data available	
Other Data – Partition Coefficient	log POW: >6. The product is soluble in oil.	
Other Data – Volatile Component Content	None	
Other Data – Specific Gravity (H ₂ O=1)	<1	

10. Stability and reactivity

Reactivity	May react with strong acids and strong oxidizing agents such as chlorates, nitrates, and peroxides.
Chemical Stability	This substance is considered stable under normal ambient conditions and under the anticipated temperature and pressure conditions of storage and handling.
Conditions to Avoid	Extreme temperatures, direct sunlight/ultraviolet radiation, and strong oxidizing agents.
Hazardous Decomposition Products	Combustion may generate carbon oxides and soot.
Hazardous Polymerization	Hazardous polymerization will not occur.

11. Toxicological information

Acute Toxicity – Oral	Based on available data, the classification criteria are not met. Unable to classify.
Acute Toxicity – Dermal	Based on available data, the classification criteria are not met. Unable to classify.
Acute Toxicity – Inhalation (Gas)	Based on available data, the classification criteria are not met. Unable to classify.
Acute Toxicity – Inhalation (Vapor)	Based on available data, the classification criteria are not met. Unable to classify.
Acute Toxicity – Inhalation (Dust/Mist)	Based on available data, the classification criteria are not met. Unable to classify.
Skin Corrosion/Irritation	Based on available data, the classification criteria are not met. Unable to classify.

Serious Eye Damage/Eye Irritation	Based on available data, the classification criteria are not met. Unable to classify.
Respiratory Sensitization	Based on available data, the classification criteria are not met. Unable to classify.
Skin Sensitization	Based on available data, the classification criteria are not met. Unable to classify.
Germ Cell Mutagenicity	Based on available data, the classification criteria are not met. Unable to classify.
Carcinogenicity	Based on available data, the classification criteria are not met. Unable to classify.
Reproductive Toxicity	Based on available data, the classification criteria are not met. Unable to classify.
Reproductive Toxicity – Effects on or via Lactation	Based on available data, the classification criteria are not met. Unable to classify.
Specific Target Organ Toxicity – Single Exposure	Based on available data, the classification criteria are not met. Unable to classify.
Specific Target Organ Toxicity – Repeated Exposure	Based on available data, the classification criteria are not met. Unable to classify.
Aspiration Hazard	No additional information provided in the source SDS.

12. Ecological information

The product is stable in water and can be mechanically separated from water. The separated water may be suitable for treatment in a biological wastewater treatment facility.

Ecotoxicity	Aquatic Hazard (Acute/Short-term)	No data available.
	Aquatic Hazard (Chronic/Long-term)	No data available.
Persistence and Degradability		No data available.
Bioaccumulative Potential		No data available.
Mobility in Soil		No data available.
Hazardous to the Ozone Layer		No data available.

13. Disposal considerations

Residual Waste	Dispose of in accordance with applicable laws, regulations, and local government standards. Where treatment is carried out by an industrial waste disposal contractor licensed by the prefectural governor or by a local government, entrust disposal to such an authorized party. When entrusting waste treatment, fully inform the treatment contractor of the hazards and hazardous properties.
Contaminated Containers and Packaging	Clean containers for recycling or dispose of them appropriately in accordance with applicable laws, regulations, and local government standards. When disposing of empty containers, completely remove the contents.

14. Transport information

International regulations	UN Number	Not applicable.
	Proper Shipping Name	Not applicable.
	UN Transport Hazard Class	Not applicable.
	Subsidiary Risk	Not applicable.
	Packing Group	Not applicable.
	Marine Pollutant	Not applicable.
	MARPOL 73/78 Annex II and IBC Code – Bulk Liquid Substances	Not applicable.
	ADR/RID/IMDG/ICAO	Not subject to regulation.
	USA	Not subject to DOT regulations.
	TDG-CANADA	Not subject to TDG regulations.
Domestic Regulations	Marine	Non-hazardous material.
	Air	Non-hazardous material.
	Land	
	Fire Service Act:	Flammable liquid, Class 4, Class 3 petroleum, non-water-soluble liquid, Hazard Rank III, 2,000 L.

15. Regulatory information

Industrial Safety and Health Act	Mineral oil: concentration range subject to labeling (wt%)	(≥1%)
	Mineral oil: concentration range subject to notification (wt%)	(≥0.1%)
Chemical Substances Control / PRTR Act	Not applicable.	
Poisonous and Deleterious Substances Control Act	Not applicable.	
Fire Service Act	Flammable liquid, Class 4, Class 3 petroleum, non-water-soluble liquid, Hazard Rank III, 2,000 L.	

16. Other information

Reference : SDS of each component issued by material makers.

The information herein is the best of our knowledge and is only related to this specific product. No warranty, either expressed or implied, is made with respect to such information. The recommended handling procedures are believed to be generally applicable. However, it is user's responsibility to review these recommendations in the specific content of the intended use.

Since this SDS is subject to revision based on new findings, we recommend that you request the latest version of the SDS from our sales department.

[Note] This SDS has been prepared in accordance with JIS Z7253:2019.