



american gas & chemical co. ltd.

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NORTHVALE, NEW JERSEY 07647  
201-767-7300, FAX 201-767-1741

# Safety Data Sheet

Issue Date: 02-Feb-2004

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Version 2

## 1. IDENTIFICATION

### Product Identifier

**Product Name** Fluorescent Oil Leak Tracer Additive

### Other means of identification

**SDS #** AGC-014

**Product Code** FAO109

**Other Information** Package type: 8oz can, 1 gallon can, 5 gal pail, 55 gallon drum.

### Recommended use of the chemical and restrictions on use

**Recommended Use** Fluorescent Oil Leak Tracer Dye.

### Details of the supplier of the safety data sheet

#### Manufacturer Address

AMERICAN GAS & CHEMICAL COMPANY, LTD  
220 Pegasus Avenue  
Northvale NJ 07647

#### Emergency Telephone Number

#### Company Phone Number

Phone: 201-767-7300

Fax: 201-767-1741

#### Emergency Telephone (24 hr)

INFOTRAC 1-352-323-3500 (International)

1-800-535-5053 (North America)

## 2. HAZARDS IDENTIFICATION

**Appearance** Yellow-green liquid

**Physical state** Liquid

**Odor** Mild, Hydrocarbon

### Classification

Aspiration toxicity

Category 1

### Signal Word

Danger

### Hazard statements

May be fatal if swallowed and enters airways

### Precautionary Statements - Response

IF SWALLOWED: Immediately call a POISON CENTER or doctor/physician

Do NOT induce vomiting

### Precautionary Statements - Storage

Store locked up

### Precautionary Statements - Disposal

Dispose of contents/container to an approved waste disposal plant



## 3. COMPOSITION/INFORMATION ON INGREDIENTS

Chemical Name	CAS No.	Weight-%
Petroleum distillates, hydrotreated light naphthenic	64742-53-6	99

\*\*If Chemical Name/CAS No is "proprietary" and/or Weight-% is listed as a range, the specific chemical identity and/or percentage of composition has been withheld as a trade secret.\*\*

## 4. FIRST AID MEASURES

### First Aid Measures

<b>General Advice</b>	Provide this SDS to medical personnel for treatment.
<b>Eye Contact</b>	If splashed into the eyes, flush with clear water for 15 minutes or until irritation subsides. If irritation persists, call a physician.
<b>Skin Contact</b>	In case of contact, wash skin thoroughly with soap and water. Remove any contaminated clothing and wash before reuse.
<b>Inhalation</b>	Remove victim to fresh air and keep at rest in a position comfortable for breathing. Call a POISON CENTER or doctor/physician.
<b>Ingestion</b>	Rinse mouth thoroughly with water. Do NOT induce vomiting. If vomiting occurs naturally, have victim lean forward to reduce risk of aspiration. Get immediate medical attention.

### Most important symptoms and effects

<b>Symptoms</b>	Inhalation of vapors or oil mist may cause mild irritation of the upper respiratory tract. Prolonged or repeated skin contact may lead to dermatitis, oil acne or folliculitis. Contact may cause minimal irritation. Ingestion may result in vomiting. Aspiration must be avoided as even small quantities. May be harmful in contact with skin.
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### Indication of any immediate medical attention and special treatment needed

<b>Notes to Physician</b>	MEDICAL CONDITIONS KNOWN TO BE AGGRAVATED BY EXPOSURE TO PRODUCT: Continuous or frequent exposure may lead to hypersensitivity.
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## 5. FIRE-FIGHTING MEASURES

### Suitable Extinguishing Media

Foam, dry chemical, CO<sub>2</sub>, water fog.

**Unsuitable Extinguishing Media** Not determined.

### Specific Hazards Arising from the Chemical

May burn although not readily ignitable.

### Explosion Data

### Protective equipment and precautions for firefighters

As in any fire, wear self-contained breathing apparatus pressure-demand, MSHA/NIOSH (approved or equivalent) and full protective gear. Cool exposed containers with water spray. Avoid breathing vapor or fumes.

## 6. ACCIDENTAL RELEASE MEASURES

### Personal precautions, protective equipment and emergency procedures

<b>Personal Precautions</b>	Ventilate confined spaces. Use caution judgment when cleaning large spills.
<b>For Emergency Responders</b>	Follow applicable OSHA regulations (29 CFR 1910.120).

### Environmental precautions

<b>Environmental precautions</b>	Prevent from entering into soil, ditches, sewers, waterways and/or groundwater. See Section 12, Ecological Information.
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### Methods and material for containment and cleaning up

<b>Methods for Containment</b>	Prevent further leakage or spillage if safe to do so. Soak up with absorbent material.
<b>Methods for Clean-Up</b>	Sweep up absorbed material and shovel into suitable containers for disposal. Discard any product, residue, disposable container or liner in full compliance with federal, state, and local regulations. For waste disposal, see section 13 of the SDS.

## 7. HANDLING AND STORAGE

### Precautions for safe handling

<b>Advice on Safe Handling</b>	Handle in accordance with good industrial hygiene and safety practice. Obtain special instructions before use. Do not handle until all safety precautions have been read and understood. Avoid contact with skin, eyes or clothing. Use personal protection recommended in Section 8. Avoid breathing dust/fume/gas/mist/vapors/spray. Use only with adequate ventilation.
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**Conditions for safe storage, including any incompatibilities**

<b>Storage Conditions</b>	Keep container tightly closed and store in a cool, dry and well-ventilated place. Store away from incompatible materials. Store locked up.
<b>Incompatible Materials</b>	Strong oxidizing agents.

**8. EXPOSURE CONTROLS/PERSONAL PROTECTION**

**Exposure Guidelines** The following information is given as general guidance

**Appropriate engineering controls**

**Engineering Controls** Apply technical measures to comply with the occupational exposure limits.

**Individual protection measures, such as personal protective equipment**

**Eye/Face Protection** Use splash goggles or face shield when contact may occur.

**Skin and Body Protection** Use chemical-resistant gloves, if needed, to avoid prolonged or repeated skin contact. Use chemical-resistant apron or other impervious clothing, if needed, to avoid contaminating regular clothing which could result in prolonged or repeated skin contact.

**Respiratory Protection** Use supplied-air respiratory protection in confined or enclosed spaces, if exposure may or does occur.

**General Hygiene Considerations** Do not eat, drink or smoke when using this product.

**9. PHYSICAL AND CHEMICAL PROPERTIES****Information on basic physical and chemical properties**

<b>Physical state</b>	Liquid	<b>Odor</b>	Mild, Hydrocarbon
<b>Appearance</b>	Yellow-green liquid	<b>Odor Threshold</b>	Not determined
<b>Color</b>	Yellow Green		
<b>Property</b>	<b>Values</b>	<b>Remarks • Method</b>	
<b>pH</b>	Not applicable		
<b>Melting Point/Freezing Point</b>	Not determined		
<b>Boiling Point/Boiling Range</b>	>287.77°C / >550°F		
<b>Flash Point</b>	146.11°C / 295°F		COC ASTM D92
<b>Evaporation Rate</b>	Not applicable		
<b>Flammability (Solid, Gas)</b>	Not determined		
<b>Flammability Limits in Air</b>			
<b>Upper Flammability Limits</b>	Not determined		
<b>Lower Flammability Limit</b>	Not determined		
<b>Vapor Pressure</b>	Not applicable		
<b>Vapor Density</b>	Not applicable		
<b>Relative Density</b>	0.89		
<b>Water Solubility</b>	Negligible		
<b>Solubility in other solvents</b>	Not determined		
<b>Partition Coefficient</b>	Not determined		
<b>Auto-ignition Temperature</b>	Not determined		
<b>Decomposition Temperature</b>	Not determined		
<b>Kinematic Viscosity</b>	Not determined		
<b>Dynamic Viscosity</b>	Not determined		
<b>Explosive Properties</b>	Not determined		
<b>Oxidizing Properties</b>	Not determined		

**10. STABILITY AND REACTIVITY****Reactivity**

Not reactive under normal conditions.

**Chemical Stability**

Stable under recommended storage conditions.

**Possibility of Hazardous Reactions**

None under normal processing.

**Hazardous Polymerization** Hazardous polymerization does not occur.

**Conditions to Avoid**

Keep out of reach of children.

**Incompatible Materials**

Strong oxidizing agents.

**Hazardous Decomposition Products**

Thermal decomposition products are dependent on the combustion conditions. Carbon Monoxide and other independent organic compounds may be formed upon combustion.

**11. TOXICOLOGICAL INFORMATION****Information on likely routes of exposure****Product Information**

<b>Eye Contact</b>	May cause temporary irritation on eye contact.
<b>Skin Contact</b>	Prolonged contact may cause redness and irritation. May be harmful in contact with skin.
<b>Inhalation</b>	May cause irritation if inhaled.
<b>Ingestion</b>	Potential for aspiration if swallowed. May be fatal if swallowed and enters airways.

**Component Information**

Chemical Name	Oral LD50	Dermal LD50	Inhalation LC50
Petroleum distillates, hydrotreated light naphthenic 64742-53-6	> 5000 mg/kg ( Rat )	> 2000 mg/kg ( Rabbit )	= 2180 mg/m <sup>3</sup> ( Rat ) 4 h

**Information on physical, chemical and toxicological effects**

**Symptoms** Please see section 4 of this SDS for symptoms.

**Delayed and immediate effects as well as chronic effects from short and long-term exposure**

**Carcinogenicity** The component below belongs to the petroleum family, which has been shown to contain carcinogenic substances depending on the level of refinement. The carcinogen classification need not apply when the substance contains less than 3% dimethyl sulfoxide extract, as is the case with this product.

Chemical Name	ACGIH	IARC	NTP	OSHA
Petroleum distillates, hydrotreated light naphthenic 64742-53-6	A2	Group 1	Known	X

*ACGIH (American Conference of Governmental Industrial Hygienists)*

*A2 - Suspected Human Carcinogen*

*IARC (International Agency for Research on Cancer)*

*Group 1 - Carcinogenic to Humans*

*OSHA (Occupational Safety and Health Administration of the US Department of Labor)*

*X - Present*

**Aspiration hazard** May be fatal if swallowed and enters airways.

**Numerical measures of toxicity**

The following values are calculated based on chapter 3.1 of the GHS document .

**ATEmix (oral)** >5,000.00 mg/kg  
**ATEmix (dermal)** >2,000.00 mg/kg

**12. ECOLOGICAL INFORMATION****Ecotoxicity**

Toxic to aquatic life with long lasting effects.

**Component Information**

Chemical Name	Algae/aquatic plants	Fish	Crustacea
Petroleum distillates, hydrotreated light naphthenic 64742-53-6		5000: 96 h Oncorhynchus mykiss mg/L LC50	1000: 48 h Daphnia magna mg/L EC50

**Persistence/Degradability** Not determined.

**Bioaccumulation** Not determined.

**Mobility** Not determined

**Other Adverse Effects** Not determined**13. DISPOSAL CONSIDERATIONS****Waste Treatment Methods**

**Disposal of Wastes** Disposal should be in accordance with applicable regional, national and local laws and regulations.

**Contaminated Packaging** Disposal should be in accordance with applicable regional, national and local laws and regulations.

**14. TRANSPORT INFORMATION**

**Note** Please see current shipping paper for most up to date shipping information, including exemptions and special circumstances.

**DOT** Not regulated

**IATA** Not regulated

**IMDG** Not regulated

**15. REGULATORY INFORMATION****International Inventories**

Chemical Name	TSCA	DSL/NDSL	EINECS/ELINCS	ENCS	IECSC	KECL	PICCS	AICS
Petroleum distillates, hydrotreated light naphthenic	X	X	X		X	Present	X	X

**Legend:**

*TSCA - United States Toxic Substances Control Act Section 8(b) Inventory*

*DSL/NDSL - Canadian Domestic Substances List/Non-Domestic Substances List*

*EINECS/ELINCS - European Inventory of Existing Chemical Substances/European List of Notified Chemical Substances*

*ENCS - Japan Existing and New Chemical Substances*

*IECSC - China Inventory of Existing Chemical Substances*

*KECL - Korean Existing and Evaluated Chemical Substances*

*PICCS - Philippines Inventory of Chemicals and Chemical Substances*

*AICS - Australian Inventory of Chemical Substances*

**US Federal Regulations****CERCLA**

This material, as supplied, does not contain any substances regulated as hazardous substances under the Comprehensive Environmental Response Compensation and Liability Act (CERCLA) (40 CFR 302) or the Superfund Amendments and Reauthorization Act (SARA) (40 CFR 355).

**SARA 313**

Not determined

**CWA (Clean Water Act)**

This product does not contain any substances regulated as pollutants pursuant to the Clean Water Act (40 CFR 122.21 and 40 CFR 122.42)

**US State Regulations****California Proposition 65**

This product does not contain any Proposition 65 chemicals.

**U.S. State Right-to-Know Regulations**

Chemical Name	New Jersey	Massachusetts	Pennsylvania
Petroleum distillates, hydrotreated light naphthenic 64742-53-6		X	

**16. OTHER INFORMATION**

<b><u>NFPA</u></b>	<b>Health Hazards</b>	<b>Flammability</b>	<b>Instability</b>	<b>Special Hazards</b>
	1	1	0	Not determined
<b><u>HMIS</u></b>	<b>Health Hazards</b>	<b>Flammability</b>	<b>Physical hazards</b>	<b>Personal Protection</b>
	1	1	Not determined	B- Safety Glasses, Gloves

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**Disclaimer**

The information provided in this Safety Data Sheet is correct to the best of our knowledge, information and belief at the date of its publication. The information given is designed only as a guidance for safe handling, use, processing, storage, transportation, disposal and release and is not to be considered a warranty or quality specification. The information relates only to the specific material designated and may not be valid for such material used in combination with any other materials or in any process, unless specified in the text.

**End of Safety Data Sheet**