Safety Data Sheet GOTCHA Fuel and Oil Leak Tracer Dye

1 Identification

Product Name: GOTCHA Fuel and Oil Leak Tracer Dye
Chemical Name: N/A
Chemical Formula: Mixture
Common Name: N/A
CAS Number: Not established
EPA Registry Number: Not Established
SDS Number/Product Number: DY2900
Recommended Use: Used in detecting fuel and oil leaks in diesel engines, hydraulic systems, and other oil-based fluid systems. Leaks will glow green when exposed to ultraviolet (black) light.

Supplier's details

Tysol LLC
1561 Woodlane Drive
PO Box 25098
Woodbury, MN 55125 USA
651-730-4923
info@tysol.com

Emergency phone number
1-800-255-3924 (ChemTel)

2 Hazard(s) identification

Hazard Pictogram(s):

GHS Classification:
Aspiration Hazard – Category 1
Flammable Liquid – Category 4

GHS Signal Word:
Danger

GHS Hazard Statements:
H304: May be fatal if swallowed and enters airways.
H227: Combustible liquid.

GHS Precautionary Statements:
P101: If medical advice is needed, have product container or label at hand.

P102: Keep out of reach of children.
P103: Read label before use.
P210: Keep away from heat/sparks/open flames/hot surfaces – no smoking.
P235: Keep cool.
P260: Do not breathe mist/vapors/spray.
P262: Do not get in eyes, on skin, or on clothing.
P280: Wear protective gloves/protective clothing/eye protection/face protection.
P301+310: IF SWALLOWED: immediately call a POISON CENTER or doctor/physician.
P301+331: IF SWALLOWED: Do NOT induce vomiting.
P370: In case of fire: use CO_2 (Carbon Dioxide), dry chemical, or foam.
P403: Store in a well ventilated place.
P405: Store locked up.
P501: Dispose of contents/container in accordance with all regulations.

3 Composition/information on ingredients

Description	CAS Number	Composition
Petroleum Distillates, Aliphatic	64742-47-8	75 – 90%
Hydrotreated Napthenic Oil	64742-53-6	10 – 25%

4 First-aid measures

Inhalation: If inhaled, remove to fresh air. Seek immediate medical advice.

Skin Contact: Remove contaminated clothing and shoes. In case of contact, wash skin with plenty of soap and water. If skin irritation continues, seek medical advice.

Eye Contact: In case of contact, remove contact lenses, if worn, immediately flush eyes with plenty of water. If eye irritation persists, contact a physician immediately.

Ingestion: Do NOT induce vomiting. Call a physician or a poison control center immediately.

Most important Symptoms: Not breathing or ingestion.

Indication of Immediate Medical Attention: Not breathing, ingestion, or persistent eye or skin irritation.

5 Fire-fighting measures

Specific Hazards: Formation of toxic gasses is possible during heating or in case of fire.

Extinguishing Media: Use CO_2, extinguishing powder or water spray for small fires. Fight larger fires with water spray or alcohol resistant foam. Use the appropriate extinguishing media for the surrounding fire.

Firefighting Instructions: For any chemical fire, firefighters should wear self-contained breathing apparatus and full protective gear. Collect contaminated firefighting water separately; it must not enter the sewage system.

Flash Point: >141 °F
Flammability Class: Combustible
Lower Explosive Limit: Not established

Upper Explosive Limit: Not established

6 Accidental release measures

Personal precautions, protective equipment, emergency procedures: Keep people away from and upwind of spill/leak. Restrict access to area until completion of clean-up. Avoid runoff to waterways, ditches and sewers. Refer to protective measures listed in Sections 7 and 8. Use respiratory protective device against the effects of fumes/aerosol. Ensure adequate ventilation and wear protective clothing. Product is a concentrated colorant; do not allow product to enter soil or surface waters.

Methods and Materials for containment and cleaning up: Stop leak and recover free liquid. Large spillage should be dammed-off and pumped into containers. Use absorbent material for final clean up and for small spills.

7 Handling and storage

Precautions for safe Handling: Prevent formation of aerosols. Do not taste or swallow. Use only with adequate protection. Wash thoroughly with soap and water after handling.

Conditions for safe storage: Keep containers tightly closed and store only in original receptacle. Keep away from children.

Incompatible materials: None identified.

8 Exposure control/personal protection

Exposure Limits:

Hydrotreated Napthenic Oil:

ACGIH TLV:

Short-term value: 10 mg/m^3

Long-term value: 5 mg/m^3

PEL: 5 mg/m^3

OSHA PEL, TWA

Petroleum Distillates, Aliphatic

ACGIH TLV: 200 ppm

Engineering Controls:

Ventilation and engineering measures: Use with adequate general and local exhaust ventilation.

Respiratory Protection: In case of brief exposure or low pollution use respiratory filter device. In case of intensive or longer exposure use respiratory protective device that is independent of circulating air.

Skin Protection: Use chemical-resistant gloves.

Eye/Face Protection: Use protective work clothing and chemical-resistant gloves to prevent staining of hands.

Other protective equipment: Ensure that eyewash stations/safety showers are close to the workstations. Other equipment may be required depending on the workplace standards.

General hygiene considerations: Do not breathe vapors or spray mist. Avoid contact with skin, eyes, and clothing. Do not

eat, drink or smoke when using this product. Wash thoroughly after handling. Remove and wash contaminated clothing before re-use. Handle in accordance with good industrial hygiene and safety practices.

9 Physical and chemical properties

Appearance: Red as concentrate. Yellow – green when diluted.
Auto-ignition Temperature: Not Determined
Chemical Type: Mixture
Decomposition Temperature: Not Determined
Evaporation Rate: Not Determined
Flammability: Combustible.
Flash Point: >141 °F
Initial Boiling Point / Boiling Range: >300 °F
Melting /Freezing Point: Not Determined
Molecular Weight: Not Applicable
Odor Threshold: Not Determined
Odor: Mineral Spirits
Other Physical / Chemical Comments: No additional information
Packing Density: Not Applicable
Partition Coefficient: Not Determined
Percent VOCs: <80
Percent Volatiles: >80
pH: 7 - 8 At a concentration of 100%
Physical State: Liquid
Solubility in Water: Insoluble
Specific Gravity / Relative Density: >1
Upper / Lower Flammability or Explosive Limits: Not Established
Vapor Density: Not Established
Vapor Pressure: Not Established
Viscosity: Like water

10 Stability and reactivity

Reactivity: Combustible. Avoid incompatible materials.
Stability: This material is expected to be stable under normal conditions of use.
Incompatible Materials: Avoid contact with strong oxidizing and strong reducing reagents.
Hazardous Decomposition Products: In case of fire, oxides of carbon, fumes and smoke may be produced.
Possibility of Hazardous Reactions and Conditions to Avoid: Reacts with strong oxidants, causing fire.
Hazardous Polymerization: None identified.

11 Toxicological information

Information on Likely routes of Exposure
Routes of entry – Inhalation: Yes
Routes of Entry – Eyes: Yes
Routes of Entry – Ingestion: Yes
Routes of Entry – Skin absorption: Yes

Potential Health Effects
Signs and symptoms of short term (acute) exposure:
Eye Hazards: May cause eye irritation.
Skin Hazards: May cause skin irritation. This material is a concentrated colorant and will stain the skin.
Ingestion Hazards: May be fatal if swallowed and enters the airways.
Inhalation Hazards: May be fatal if swallowed and enters the airways.

Potential Chronic Health Effects: As listed above.

Mutagenicity: Not expected to be mutagenic in humans.

Carcinogenicity: This products and its ingredients have not been identified as a carcinogen or probable carcinogen by NTP, IARC monographs or OSHA.

Reproductive Toxicity: None of the ingredients are listed.

Specific Target Organ Effects: None of the ingredients are listed.

Toxicological Data: Product has not been tested.

12 Ecological information

Ecotoxicity: No data available.
Persistence and Degradability: No data available.
Bioaccumulative Potential: No data available
Mobility in Soil: No data available.
Other Adverse Effects: No data available.

Note: Do not allow undiluted product or large quantities to reach ground water, water course, or sewage system.

13 Disposal considerations

Handling for Disposal: Handle in accordance with good industrial hygiene and safety practices. Refer to protective measures listed in sections 7 and 8.

Methods of Disposal: Dispose in accordance with all applicable federal, state, provincial and local regulations. Contact your local, state, provincial or federal environmental agencies for specific rules.

RCRA: If this product, as supplied, becomes a waste in the United States, it may meet the criteria of a hazardous waste as defined under RCRA, Title 40 CFR 261. It is the responsibility of the waste generator to determine the proper waste identification and disposal method. For disposal of unused or waste material, check with local, state, and federal environmental agencies.

14 Transport information

For transportation, this is a non-hazardous material and is not regulated by the Department of Transportation for containers less than 110 gallons.

US 49 CFR/DOT information: N/A
Un Number: N/A
UN Proper Shipping Name: Use product name
Transport Hazard Class: N/A
Packaging Group: N/A

DOT Shipping Label: N/A
Freight Class: 55
Environmental Hazard: No

Transport in bulk: Containers larger than 110 gallons are regulated by the DOT and require hazardous labeling.

Special Precautions for User: The shipper may apply one of the following exceptions: Combustible Liquid, Consumer Commodity, Viscous Liquid, Does Not Sustain Combustion or others, as allowed under 49CFR Hazmat Regulations. Please consult 49CFR Subchapter C to ensure that subsequent shipments comply with these exceptions.

15 Regulatory information

TSCA Information: All listed ingredients appear on the Toxic Substances Control Act (TSCA) inventory.

SARA Hazard Classes: May be fatal if swallowed and enters airways. Fire Hazard.

SARA Section 313 Notification: This product contains acute and/or chronic hazards under SARA 311 or 312. This product is a RCRA hazardous waste.

16 Other information

Disclaimer
The above information is to the best of our knowledge, current, accurate, and complete based on information reasonably available to us as of the date of preparation of this form. However, it is the user's responsibility to determine the safety, toxicity and suitability for his or her own use of the product described herein. Since the actual use by others is beyond our control, no guarantee, expressed or implied, is made by us to the effects of such use or on the safety or toxicity of this product. Nor do we assume any liability arising out of use by others of the product. Nor is the information herein to be construed as absolutely complete, since additional information may be necessary or desirable when exception conditions or circumstances exist or because of applicable laws or regulations.

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To determine the applicability or effect of any law or regulation with respect to the product, you should consult with your legal advisor or the appropriate government agency. We will not provide advice on such matters or be responsible for any injury or damage resulting for the use of the product described herein.

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