



Russell Fraser Sales Pty Ltd

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SAFETY DATA SHEET

FLT-65

SECTION 1 – PRODUCT & COMPANY IDENTIFICATION

Product Name: Fluorescent Leak Detection Fluid **U.N.Number:**3925

Trade Name: FLT-65 **Dangerous Goods:** 3 **Subsidiary Risk:** Not Applicable

Hazchem Code: 3Y **Packing Group:** III **Poisons Schedule:** S5

HAZARDOUS ACCORDING TO CRITERIA OF NOHSC AND WORKSAFE AUSTRALIA

Use/Application: Leak Detection Fluid

1.4 EMERGENCY TELEPHONE NUMBER

Revised: September 2020 **Version #:** 1.0

Australian Distributor: Russell Fraser Sales Pty Ltd. 7/38 Waratah Street, Kirrawee, NSW, 2232, AUS

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SECTION 2 -- INGREDIENTS

Ingredients:	CAS NO	% IN PRODUCT
Naptha Petroleum Hydrotreated	64742-82-1	40-80
Paraffinic Hydrocarbons	64742-88-7	20-60
Isodecyl Diphenyl Phosphate	29761-21-5	<5
White Mineral Oil	8042-47-5	<5
Colour enhancing agent	91-44-1	<5

SECTION 3 – HEALTH HAZARDS

HEALTH EFFECTS: ACUTE AND CHRONIC EFFECTS OF OVEREXPOSURE

Swallowed: Toxic – Ingestion may result in irritation of mouth, nausea and vomiting.

Eyes: Contact may result in irritation, pain and redness.

Skin: Contact may result in moderate irritation.

Inhaled: Short-term harmful effects are not expected. Prolonged inhalation may irritate respiratory tract.



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SECTION 4 – FIRST AID

Swallowed: Do not induce vomiting - seek immediate medical attention.

Eyes: Flush with water for 15 minutes. Seek medical attention if symptoms persist.

Skin: Wash with soap & water. In case of irritation seek medical advice.

Inhaled: Remove person to fresh air – if breathing difficulty, seek medical advice.

No information available on medical conditions aggravated by exposure to this product.

SECTION 5 – FIRE AND EXPLOSION DATA

General Measures: Flameproof equipment is necessary in all areas where this chemical is being used.

Flammability: Highly flammable liquid and vapour.

Extinguishing Media: Carbon dioxide or foam. Contain spills minimise spillage into drains.

SECTION 6 – ACCIDENTAL RELEASE

Spills and Disposal: Absorb with sand, vermiculite or other suitable absorbent material. Avoid using sawdust or other combustible material. Place in sealed containers - do not incinerate.

SECTION 7 – STORAGE AND HANDLING

PRECAUTIONS FOR USE

Ventilation: Refrain from use in confined spaces.

Personal Protection: Working clothes, gloves and goggles.

Flammability: Is flammable.

Storage and Transport: Store in well ventilated area away from ignition sources. Keep separate from oxidising agents. Transport per requirements of the ADG Code for Class 3 flammable liquids.

SECTION 8 – EXPOSURE CONTROLS

General: No exposure standard has been established for this product by Safe Work Australia. Use in well ventilated areas – general exhaust measures recommended.

Exposure Limits: None Available

Personal Protection Equipment:

Breathing If ventilation is inadequate wear respirator with Type 'A' Filter for organic gases and vapours.

Eyes: Goggles or wrap around safety glasses.

Hands: Nitrile gloves

Clothing: Avoid splashing onto clothing. Launder is warm to hot soapy water.



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SECTION 9 – PHYSICAL DATA

Appearance/Odour: Clear bright yellow liquid with typical petroleum spirit odour

Boiling Point: (°C): Approx. 150

pH: Not Applicable

Vapour Pressure: (Kpa @ 20°C): Not Determined

Solubility (Water): Immiscible

Specific Gravity (g/cm³): approx.. 0.75

Autoignition Temp (°C): >200

Flammability Limits %: 0.5-7.5

Flash Point (°C): approx.. 30

SECTION 10 -- REACTIVITY

Flammability: Highly Flammable liquid and vapour.

Chemical Stability: The product is unlikely to decompose under normal storage conditions.

Storage: Recommended to store below 30°C

SECTION 11 – TOXICOLOGY INFORMATION

General Information No Data Available

Inhalation: Short Term Exposure: Available data indicates that this product is an inhalation irritant. Symptoms may include headache, irritation of nose and throat and increased secretion of mucous in the nose and throat. Inhalation of aliphatic hydrocarbon vapours seems to show little toxicity but are CNS depressants and have a disinhibiting euphoric effect.

Skin Irritant: Short Term Exposure: Available data indicates that this product is not harmful. Long Term Exposure: Repeated exposure may cause skin dryness or cracking.

Eye Irritant: Short Term Exposure: This product may be irritating to eyes, but is unlikely to cause anything more than mild transient discomfort. Long Term Exposure: No data for health effects associated with long term eye exposure.

Ingestion: Short Term Exposure: Significant oral exposure is considered to be unlikely. However, this product is an oral irritant. Symptoms may include burning sensation and reddening of skin in mouth and throat.. Long Term Exposure: No data for health effects associated with long term ingestion.

Carcinogen Category: 0

SECTION 12 – ECOLOGICAL DATA

Ecotoxicity No ecological information available for this product.

Persistence/Degradability: Biodegradation is expected to be the primary fate process for aliphatic hydrocarbons in soil and water.

Mobility: This product is not miscible with water and has limited potential to contaminate groundwater or leach from soil.

Bioaccumulation Potential: The low water solubility and moderate vapour pressure of products of this type suggest that volatilization and subsequent photo-oxidation are important processes for abiotic degradation in the atmosphere. Note however that this information may not be completely applicable to this low aromatic product.

Environmental Impact: No Data Available



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SECTION 13 -- DISPOSAL

General Information: Dispose of in accordance with all local, state and federal regulations. All empty packaging should be disposed of in accordance with Local, State, and Federal Regulations or recycled/reconditioned at an approved facility.

Special Precautions for Land Fill: Contact a specialist disposal company or the local waste regulator for advice.

SECTION 14 – TRANSPORTATION INFORMATION

Land - Australia: ADG

Proper Shipping Name	HYDROCARBONS, LIQUID, N.O.S.
Class	3 Flammable Liquids
Subsidiary Risk(s)	No Data Available
EPG	14 Liquids - Highly Flammable
UN Number	3295
Hazchem	3Y
Pack Group	III
Special Provision	223

SECTION 15 – REGULATORY INFORMATION

General Information: No Data Available

Poison Schedule (Aust) 5

AICS Name: Naptha, Petroleum hydrotreated

SECTION 16 – ADDITIONAL INFORMATION

Date of Preparation: September 2020

Expiry Date: September 2025

Version: 1.0

Revision Date: September, 2020

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End of Safety Data Sheet