

GUERBET BP. 50400 95943 ROISSY CDG CEDEX FRANCE Tél : 01.45.91.50.00 Fax : 01.45.91.51.11	LIPIODOL Format and style rules in compliance with specifications NF T 01-102.
1. IDENTIFICATION Product name Emergency telephone number	LIPIODOL 812-333.0059
2. COMPOSITION/INFORMATION ON INGREDIENTS	
Substance International chemical name CAS N° Formula Hazardous ingredients	IODIZED ETHYL ESTERS OF POPPY-SEED OIL $CH_3 - (CH_2)_n - CHI_x(CH_2)_m - CHI_y - (CH_2)_p - COOC_2H_5$ $x, y = 0 \text{ or } 1$ None
3. HAZARDS IDENTIFICATION Hazards	No known hazards
4. FIRST AID MEASURES In case of inhalation In case of ingestion In case of contact with eyes In case of contact with skin	No risk No risk if small amounts are ingested. If large amounts are ingested, get medical advice No risk No risk. Unexpected allergic reactions may occur in certain highly susceptible persons.
5 FIRE-FIGHTING MEASURES Suitable fire extinguishing media Specific hazards Protection of fire-fighters Specific fire extinguishing methods	Powder, CO ₂ Releases iodine and black smoke Due to iodine vapors, wear breathing apparatus. Limit spillage with sand or absorbing materials
6. ACCIDENTAL RELEASE MEASURES Personal precautions Precautionary measures for environmental protection Cleaning methods	Wear safety shoes to avoid slipping Do not release in drains. Containerize the product. Spread sodium carbonate and wait until the product is fully absorbed before discarding
7. HANDLING AND STORAGE 7.1 Handling Suitable technical measures Safety precautions Advices of use 7.2 Storage Suitable technical measures Recommended storage conditions Incompatible materials Recommended packaging materials	Wear gloves and safety glasses and shoes } Keep the floor completely clean to avoid slipping } Avoid dispersion of dust in the air. Store under nitrogen, protected from light and heat (to avoid product degradation) Avoid contact with natural or synthetic rubber

Product name : LIOPIODOL	Date : 17/02/00 Page : 2/2
8. CONTROL OF EXPOSURE /INDIVIDUAL PROTECTION	
Individual protection equipment	Wear gloves, safety glasses and non-slip shoes when handling the product
9. PHYSICAL AND CHEMICAL PROPERTIES	
Physical state	Oily liquid
Colour	Pale yellow
Odour	Vegetable oil
Density	1.290
Boiling point	125°C (8mmHg)
Flash point	177°C (closed container)
Solubility in water	0
10. STABILITY AND REACTIVITY	
Stability	Change in colour by exposure to air r light : release of iodine into the oil
Materials to avoid	Natural or synthetic rubber
Conditions to avoid	Air, ligh and heat : risk of product degradation
Hazardous decomposition products	Iodine vapors are released above 173°C
11. TOXICOLOGICAL INFORMATION	
Toxicity data	LD50 (intraperitoneal route in mice) : > 30 ml/kg LD50 (intravenous route in mice) = 1,8 ml/kg Oral route in mice : no reaction at 2 ml/kg dose level
Mutagenecity	Contact with skin is harmless
12. ECOLOGICAL INFORMATION	
	Not data available.
13. DISPOSAL CONSIDERATIONS	
Wastes	Refer to local regulation Do not release in drains. Eliminate by incineration.
Soiled packaging	Eliminate in compliance with local and national regulations.
14. TRANSPORT INFORMATION	
	Not subject to regulation. Outside the EU, refer to local or national regulations.
15. REGULATORY INFORMATION	
	Not subject to regulations. Outside of the EC, please refer to local or national regulations.
16. THE OTHER INFORMATION	
	The information contained in this data sheet is based on current knowledge related to the produc concerned on the date indated. It merely describes the safety measures to be followed when handling the product ; in no way can it serve as a warranty concerning the proterties of the product.

This list merely indicates the main legal, regulatory and administrative texts in force at the date of homologation of standard NF T 01-102 and relative to the product (substance or preparation) concerned by the enclosed safety data sheet. It cannot be considered as an exhaustive list and in no way exepcts users from consulting all official texts to be informed of their obligations.