

SAFETY DATA SHEET

TETROSYL ORANGE FLUORESCENT 400ML

1. IDENTIFICATION OF THE SUBSTANCE/PREPARATION AND COMPANY/UNDERTAKING

PRODUCT NAME: TETROSYL ORANGE FLUORESCENT 400ML
PART No.: OFL400
SUPPLIER: TETROSYL LIMITED
BEVIS GREEN WORKS
WALMERSLEY
BURY
Tel: 0161 764 5981
Fax: 0161 797 5899

2. COMPOSITION/INFORMATION ON INGREDIENTS

NAME			CONTENT
CAS No.: XYLENE 1330-20-7	EINECS Nr.: 215-535-7	CLASSIFICATION Xn R-10, 20/21, 38	5-10 %
BUTYL BENZYL ESTER		- R-52	1-5 %
TOLUENE 108-88-3	203-625-9	Xn ,F R-11, 20	30-60 %
BUTANE 106-97-8	203-448-7	Fx R-12	10-30 %

The Full Text for all R-Phrases are Displayed in Section 16

3. HAZARDS IDENTIFICATION

Extremely flammable. Harmful by inhalation.

4. FIRST AID MEASURES

GENERAL: Move the exposed person to fresh air at once. Get medical attention if any discomfort continues.

INHALATION: Move the exposed person to fresh air at once. When breathing is difficult, properly trained personnel may assist affected person by administering 100% oxygen. Keep the affected person warm and at rest. Get prompt medical attention.

INGESTION: Not relevant.

SKIN:	Wash the skin immediately with soap and water. Get medical attention if any discomfort continues.
EYES:	Make sure to remove any contact lenses from the eyes before rinsing. Promptly wash eyes with plenty of water while lifting the eye lids. Continue to rinse for at least 15 minutes. Get medical attention if any discomfort continues.

5. FIRE FIGHTING MEASURES

EXTINGUISHING MEDIA:	Use: Powder. Dry chemicals, sand, dolomite etc. Water spray, fog or mist.
SPECIAL FIRE FIGHTING PROCEDURES:	Containers close to fire should be removed or cooled with water. Use water to keep fire exposed containers cool and disperse vapours.
UNUSUAL FIRE & EXPLOSION HAZARDS:	Aerosol cans may explode in fires.

6. ACCIDENTAL RELEASE MEASURES

SPILL CLEANUP METHODS:	Wear necessary protective equipment. Extinguish all ignition sources. Avoid sparks, flames, heat and smoking. Ventilate. Let evaporate. Keep out of confined spaces because of explosion risk. If leakage cannot be stopped, evacuate area.
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7. HANDLING AND STORAGE

USAGE PRECAUTIONS:	Keep away from heat, sparks and open flame. Avoid spilling, skin and eye contact. Ventilate well, avoid breathing vapours. Use approved respirator if air contamination is above accepted level.
STORAGE PRECAUTIONS:	Aerosol cans: Must not be exposed for direct sunlight or temperatures above 50°C.

8. EXPOSURE CONTROLS AND PERSONAL PROTECTION

INGREDIENT NAME:	CAS No.:	STD	LT EXP 8 Hrs	ST EXP 15 Min
BUTANE	106-97-8	OES	600 ppm	750 ppm
XYLENE	1330-20-7	OES	50 ppm(Sk)	100 ppm(Sk)
TOLUENE	108-88-3	OES	50 ppm(Sk)	150 ppm(Sk)

INGREDIENT COMMENTS: OES = Occupational Exposure Standard. MEL = Maximum Exposure Limit.

PROTECTIVE EQUIPMENT:



VENTILATION: Provide adequate general and local exhaust ventilation.

RESPIRATORS:	No specific recommendation made, but respiratory protection must be used if the general level exceeds the Occupational Exposure Level (OEL).
PROTECTIVE GLOVES:	Use protective gloves.
EYE PROTECTION:	Use eye protection.
OTHER PROTECTION:	Wear appropriate clothing to prevent any possibility of liquid contact and repeated or prolonged vapour contact.
HYGIENIC WORK PRACTICES:	DO NOT SMOKE IN WORK AREA! Wash at the end of each work shift and before eating, smoking and using the toilet. Promptly remove any clothing that becomes contaminated. No eating or drinking while working with this material.

9. PHYSICAL AND CHEMICAL PROPERTIES

APPEARANCE:	Aerosol. Liquid.
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10. STABILITY AND REACTIVITY

STABILITY:	Normally stable.
CONDITIONS TO AVOID:	Avoid heat, flames and other sources of ignition. Avoid contact with: Strong oxidising agents. Strong alkalis. Strong mineral acids.
HAZARDOUS DECOMP. PRODUCTS:	Fire creates: Vapours/gases/fumes of: Carbon monoxide (CO). Carbon dioxide (CO ₂).

11. TOXICOLOGICAL INFORMATION

HEALTH WARNINGS:	INHALATION. May cause irritation to the respiratory system. Solvent vapours are hazardous and may cause nausea, sickness and headaches. Prolonged inhalation of high concentrations may damage respiratory system. SKIN CONTACT. Product has a defatting effect on skin. May cause skin irritation/eczema. EYE CONTACT. Irritating to eyes.
OTHER HEALTH EFFECTS:	Carcinogen Category 3.
ROUTE OF ENTRY:	Inhalation.

12. ECOLOGICAL INFORMATION

ECOLOGICAL INFORMATION:	Dangerous for the environment: May cause long-term adverse effects in the aquatic environment.
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13. DISPOSAL CONSIDERATIONS

DISPOSAL METHODS: Empty containers must not be burned because of explosion hazard. Dispose of in accordance with Local Authority requirements.

14. TRANSPORT INFORMATION

LABEL FOR CONVEYANCE:



UN No. ROAD: 1950
UK ROAD TRANSPORT CLASS: 2.1
UK ROAD PACK GR.: N/A
ADR CLASS No.: 2.1
PROPER SHIPPING NAME I: AEROSOLS
IMDG CLASS: 2.1
IMDG PACK GR.: N/A

15. REGULATORY INFORMATION

LABEL FOR SUPPLY:



RISK PHRASES: R-12 Extremely flammable.
R-20 Harmful by inhalation.

SAFETY PHRASES: S-13 Keep away from food, drink and animal feeding stuffs.
S-16 Keep away from sources of ignition - No Smoking.
S-2 Keep out of the reach of children.
S-23 Do not breathe gas/fumes/vapour/spray.
S-51 Use only in well-ventilated areas.
S-56 Dispose of this material and its container to hazardous or special waste collection point.
S-9 Keep container in a well-ventilated place.

UK REGULATORY REFERENCES:	Petroleum (Consolidation) Act, as amended 1984 SI 1244. Highly Flammable Liquid Regulations 1972.
ENVIRONMENTAL LISTING:	Rivers (Prevention of Pollution) Act 1961. Control of Pollution (Special Waste Regulations) Act 1980.
EU DIRECTIVES:	System of specific information relating to Dangerous Preparations. 91\155.
APPROVED CODE OF PRACTICE:	Classification and Labelling of Substances and Preparations Dangerous for Supply.
GUIDANCE NOTES:	Occupational Exposure Limits EH40. Introduction to Local Exhaust Ventilation HS(G)37. CHIP for everyone HSG(108).

16. OTHER INFORMATION

INFORMATION SOURCES:	Dangerous Properties of Industrial Materials Report, N.Sax et.al.
ISSUED BY:	PJC
REVISION DATE:	2002-09-09
REV. No./REPL. SDS GENERATED:	1021901
SDS No.:	10037
R-PHRASES (Full Text):	R-12 Extremely flammable. R-10 Flammable. R-20/21 Harmful by inhalation and in contact with skin. R-38 Irritating to skin. R-52 Harmful to aquatic organisms. R-11 Highly flammable. R-20 Harmful by inhalation.
DISCLAIMER:	The information provided in this document has been compiled on the basis of our current knowledge and is believed to be in accordance with the requirements of the Dangerous Substances Directive, Dangerous Preparations Directive and Safety Data Sheets Directive. The information relates to the specific material designated and may not be valid for such material used in combination with any other materials or in any particular conditions or process. The conditions and extent of storage and use of material are outside of our control and within the control of the possessor or user. Consequently it is the responsibility of the possessor or user to satisfy themselves as to the completeness of such information and the suitability of the material for their own particular circumstances, conditions or use.