



SAFETY DATA SHEET

TARTRAZINE COMPOUND SOLUTION

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

PRODUCT NAME: TARTRAZINE COMPOUND SOLUTION
PART No.: M063
SUPPLIER: J M Loveridge plc
Southbrook Road, Southampton
Hampshire
SO15 1BH
Tel: 023 8022 2008
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2. COMPOSITION/INFORMATION ON INGREDIENTS:

NAME			CONTENT
CAS No.:	EINECS Nr.:	CLASSIFICATION	
TRICHLOROMETHANE			1-5 %
67-66-3	200-663-8	Xn R-22, 38, 40, 48/20/22 Carc3	
ETHANOL			10-30 %
64-17-5	200-578-6	F R-11	

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

3. HAZARDS IDENTIFICATION:

Limited evidence of a carcinogenic effect. Carcinogen Category 3.

4. FIRST AID MEASURES:

GENERAL: IN ALL CASES OF DOUBT OR WHEN SYMPTOMS PERSIST, ALWAYS SEEK MEDICAL ATTENTION

INHALATION: Move affected person from exposure. If recovery not rapid or complete seek medical attention.

INGESTION: DO NOT INDUCE VOMITING. In case of spontaneous vomiting, be sure that vomit can freely drain because of danger of suffocation. Only when conscious rinse mouth out.

Keep patient at rest and obtain medical attention.

SKIN: Wash affected area with plenty of soap and water. If symptoms occur or persist, obtain medical attention.

EYES: Rinse immediately with plenty of water for at least 5 minutes while lifting the eye lids. Seek medical attention. Continue to rinse.

5. FIRE FIGHTING MEASURES:

EXTINGUISHING MEDIA: Use extinguishing media suitable against surrounding fire or the cause of fire.

SPECIAL FIRE FIGHTING PROCEDURES: Take measures to retain water used for extinguishing. Do not release contaminated water into drains, soil and surface water. Dispose of contaminated water and soil according to local regulations.

HAZARDOUS COMBUSTION PRODUCTS: Thermal decomposition may release noxious, corrosive or toxic vapours. - hydrogen chloride and phosgene vapour.

PROTECTIVE MEASURES IN FIRE: Fire fighters should wear self-contained breathing apparatus.

6. ACCIDENTAL RELEASE MEASURES:

PERSONAL PRECAUTION IN SPILL: Wear appropriate protective clothing. Do not breathe vapour or fumes. Ventilate area to dispel residual vapour or fumes.

PRECAUTIONS TO PROTECT ENVIRONMENT: Prevent contamination of soil, drains and surface water.

SPILL CLEANUP METHODS: Take-up spillage with absorbent, inert material and place in a suitable and closable labelled container for recovery or disposal. Wash the area clean with water and detergent, observing environmental requirements.

7. HANDLING AND STORAGE:

USAGE PRECAUTIONS: HANDLING - Product should be used in accordance with good industrial principles for handling and storing of hazardous chemicals. Ensure good ventilation and local exhaust extraction in work place.

STORAGE PRECAUTIONS: Avoid direct sunlight. Store in a cool, dry, well ventilated place, in securely closed original container. May attack some plastics, rubber and coatings.

8. EXPOSURE CONTROLS AND PERSONAL PROTECTION:

INGREDIENT NAME:	CAS No.:	STD	LT EXP 8 Hrs	ST EXP 15 Min
ETHANOL	64-17-5	OES	1000 ppm	No std.
TRICHLOROMETHANE	67-66-3	OES	2 ppm(Sk)	

INGREDIENT COMMENTS: Sk - can be absorbed by skin contact. Exposure limits for trichloromethane listed in EH40 as chloroform.

VENTILATION: Provide sufficient ventilation during operations which cause vapour formation.

PROTECTIVE GLOVES: Use impervious gloves.

EYE PROTECTION: Approved chemical safety goggles or face protection.

OTHER PROTECTION: Wear protective clothing and closed footwear. Wear personal protective equipment appropriate to the quantity of material handled.

HYGIENIC WORK PRACTICES: SKIN PROTECTION - use appropriate barrier cream to prevent defatting and cracking of skin. Apply good personal hygiene principles, such as washing of hands, arms and

face.

9. PHYSICAL AND CHEMICAL PROPERTIES:

APPEARANCE:	Clear orange liquid.		
ODOUR/TASTE:	Characteristic chloroform odour.		
DENSITY/SPECIFIC GRAVITY (g/ml):	~ 1.04 - 1.06	Temperature (°C):	20
SOLUBILITY DESCRIPTION:	Miscible with water and ethanol.		

10. STABILITY AND REACTIVITY:

STABILITY:	Stable under normal conditions of use.
CONDITIONS TO AVOID:	Avoid excessive heat.
MATERIALS TO AVOID:	Oxidising agents. Nitric acid, sulphuric acid.
HAZARDOUS DECOMP. PRODUCTS:	Thermal decomposition may release noxious, toxic or corrosive gases or vapours. - possibly phosgene and hydrogen chloride.

11. TOXICOLOGICAL INFORMATION:

Toxicological data	Acute toxicity. LD50. Oral. Rat. 908 mg/kg (chloroform)
HEALTH HAZARDS, GENERAL:	Risk of kidney or liver damage through inhalation of chloroform vapour.
INHALATION:	Vapour has anaesthetic properties, causing drowsiness, intoxication, nausea, vomiting, unconsciousness. - applicable to chloroform component of the preparation.
INGESTION:	May cause nausea, vomiting, dizziness and depression of CNS. Ingestion of large quantities may cause kidney damage.

12. ECOLOGICAL INFORMATION:

ECOLOGICAL INFORMATION:	No specific data or information available regarding environmental impact.
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13. DISPOSAL CONSIDERATIONS:

DISPOSAL METHODS:	This material and/or its container must be disposed of as hazardous waste according to Special Waste Regulations 1996 or according to local regulations, in compliance with Duty of Care Regulations and Special Waste Regulations.
WASTE CLASS:	WASTE CODE: 0705** HAZARDOUS PROPERTY: H5

14. TRANSPORT INFORMATION:

GENERAL: Not classified as hazardous for transport.

15. REGULATORY INFORMATION:

LABEL FOR SUPPLY:



RISK PHRASES: R-40 Limited evidence of a carcinogenic effect.

SAFETY PHRASES: P-10 For use in industrial installations only.
S-36/37 Wear suitable protective clothing and gloves.

UK REGULATORY REFERENCES: Classification, Packaging and Labelling Regulations 1984. Chemicals (Hazard Information & Packaging) Regulations 1993.
Regulatory requirement mandates selection of P10 phrase.

16. OTHER INFORMATION:

INFORMATION SOURCES: This product has been classified in accordance with CHIP3 regulations.

REVISION COMMENTS: Edition 01; Revised item(s):

ISSUED BY: MK

SDS No.: M145

DATE: 12/07/02

DISCLAIMER: The foregoing data has been compiled for safety information only and does not form part of any selling specification. Information contained in this Data Sheet is to the best of JMLs knowledge correct at the time of publication. Customers should always satisfy themselves, that the product which they have selected is entirely suitable for their purpose under their conditions of use and in compliance with current regulations. For any further information, please contact the supplier.

R-PHRASES (Full Text): R-11 Highly flammable. R-22 Harmful if swallowed. R-38 Irritating to skin. R-40 Limited evidence of a carcinogenic effect. R-48/20/22 Harmful: danger of serious damage to health by prolonged exposure through inhalation and if swallowed.
