

JAUNDOFIANT CONTROL**USAGE PRECAUTIONS**

Avoid spilling, skin and eye contact. Provide good ventilation. Avoid inhalation of vapours.

STORAGE PRECAUTIONS

Store in tightly closed original container in a dry, cool and well-ventilated place. Keep in original container.

STORAGE CLASS

Toxic storage.

8 EXPOSURE CONTROLS/PERSONAL PROTECTION

Name	Std	LT - ppm	LT - mg/m3	ST - ppm	ST - mg/m3
METHANOL	WEL	200 ppm(Sk)	266 mg/m3(Sk)	250 ppm(Sk)	333 mg/m3(Sk)

INGREDIENT COMMENTS

WEL = Workplace Exposure Limits

PROTECTIVE EQUIPMENT**ENGINEERING MEASURES**

Provide adequate general and local exhaust ventilation.

HAND PROTECTION

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.

HYGIENE MEASURES

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. Wash promptly with soap & water if skin becomes contaminated. Use appropriate skin cream to prevent drying of skin. When using do not eat, drink or smoke.

9 PHYSICAL AND CHEMICAL PROPERTIES

APPEARANCE	Clear Liquid		
COLOUR	Dark Purple		
ODOUR	Mild (or faint). Odour of alcohol		
SOLUBILITY	Soluble in water		
BOILING POINT (°C)	91-93 760 mm Hg	RELATIVE DENSITY	.990-1.010 @ 20 °c
VAPOUR DENSITY (air=1)	>1	EVAPORATION RATE	>1 BuAc=1
VOLATILE BY VOL. (%)	99	pH-VALUE, CONC. SOLUTION	7.0-8.0
FLASH POINT (°C)	49 CC (Closed cup).	FLAMMABILITY LIMIT - LOWER(%)	6
FLAMMABILITY LIMIT - UPPER(%)	36.5		

10 STABILITY AND REACTIVITY**STABILITY**

Stable under normal temperature conditions.

CONDITIONS TO AVOID

Avoid contact with acids and alkalis. Avoid contact with strong oxidisers. Avoid contact with strong reducing agents.

11 TOXICOLOGICAL INFORMATION**INHALATION**

Harmful by inhalation. Irritating to respiratory system. Prolonged inhalation of high concentrations may damage respiratory system.

INGESTION

Harmful if swallowed. May cause stomach pain or vomiting.

JAUNDOFIANT CONTROL

SKIN CONTACT

Prolonged contact may cause dryness of the skin.

EYE CONTACT

Spray and vapour in the eyes may cause irritation and smarting.

12 ECOLOGICAL INFORMATION

ECOTOXICITY

Not known.

13 DISPOSAL CONSIDERATIONS

DISPOSAL METHODS

Dispose of waste and residues in accordance with local authority requirements.

14 TRANSPORT INFORMATION



UK ROAD CLASS	3		
PROPER SHIPPING NAME	FLAMMABLE LIQUID, N.O.S. (METHANOL)		
UN NO. ROAD	1993	UK ROAD PACK GR.	III
ADR CLASS NO.	3	ADR CLASS	Class 3: Flammable liquids.
ADR PACK GROUP	III	HAZARD No. (ADR)	30
ADR LABEL NO.	3	HAZCHEM CODE	3Y
CEFIC TEC(R) NO.	30GF1-III, 30GF1-sp	RID CLASS NO.	3
RID PACK GROUP	III	UN NO. SEA	1993
IMDG CLASS	3	IMDG PAGE NO.	3
IMDG PACK GR.	III	EMS	F-E, S-E
MFAG	See Guide	MARINE POLLUTANT	No.
UN NO. AIR	1993	AIR CLASS	3
AIR PACK GR.	III		

15 REGULATORY INFORMATION

LABELLING



Toxic

CONTAINS

METHANOL

RISK PHRASES

R20/21/22	Harmful by inhalation, in contact with skin and if swallowed.
R39/23/24/25	Toxic: danger of very serious irreversible effects through inhalation, in contact with skin and if swallowed.
R10	Flammable.

SAFETY PHRASES

S2	Keep out of the reach of children
S27	Take off immediately all contaminated clothing.
S38	In case of insufficient ventilation, wear suitable respiratory equipment.
S45	In case of accident or if you feel unwell, seek medical advice immediately (show label where possible).
S36/37	Wear suitable protective clothing and gloves.

JAUNDOFIANT CONTROL

S60 This material and its container must be disposed of as hazardous waste.
P11 Restricted to professional users.

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. 2001/58/EC.

STATUTORY INSTRUMENTS

Chemicals (Hazard Information and Packaging) Regulations.

APPROVED CODE OF PRACTICE

Classification and Labelling of Substances and Preparations Dangerous for Supply.

GUIDANCE NOTES

Workplace 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.

REVISION DATE

May 2007

RISK PHRASES IN FULL

R11 Highly flammable.
R23/24/25 Toxic by inhalation, in contact with skin and if swallowed.
R39/23/24/25 Toxic: danger of very serious irreversible effects through inhalation, in contact with skin and if swallowed.

DISCLAIMER

This information relates only to the specific material designated and may not be valid for such material used in combination with any other materials or in any process. Such information is, to the best of the company's knowledge and belief, accurate and reliable as of the date indicated. However, no warranty guarantee or representation is made to its accuracy, reliability or completeness. It is the user's responsibility to satisfy himself as to the suitability of such information for his own particular use.