



# WOOD FINISHES DIRECT

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For purchasing information visit:  
[Manns Trade Light Fast Wood Dye](#)



# MANNS TRADE

## Safety Data Sheet

Manns Trade Light Fast Dye

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

#### 1.1. Product Identifier

Name	Manns Trade Light Fast Dye
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#### 1.2. Relevant identified uses of the substance or mixture and uses advised against

Product Use	Industrial thinner
Name	Manns Trade Light Fast Dye

#### 1.3. Details of the supplier of the safety data sheet

Company	Wood Finishes Direct LTD
Address	Unit B, 5 Acre Trade Estate, Park Farm Road, Folkestone, KENT, CT19 5DS
Web	<a href="http://www.wood-finishes-direct.com">www.wood-finishes-direct.com</a>
Telephone	+44 (0)1303 213838
Fax	+44 (0)844 815 4992
Email	<a href="mailto:wood@finishes-direct.com">wood@finishes-direct.com</a>
Email address of the competent person	<a href="mailto:wood@finishes-direct.com">wood@finishes-direct.com</a>

#### 1.4. Emergency telephone number


Emergency telephone number	111 (England and Wales) or 08454 24 24 24 (Scotland)
Company	National Poisons Information Service (NHS Direct)

### 2. HAZARDS IDENTIFICATION

#### 2.1. Classification of the substance or mixture

Classification - (1999/45)	Xn;R48/20, R65. Repr. Cat. 3;R63. Xi;R38, R41. F;R11. R67.
Classification - EC 1272/2008	Flam. Liq. 2 - H225 Acute Tox. 4 - H302;Acute Tox. 4 - H312;Acute Tox. 4 - H332;Eye Irrit. 2 - H319;STOT SE 2 - H371

#### 2.2. Label elements

Hazard picograms	Methanol 
Signal Word	Danger

## Manns Trade Light Fast Dye

Hazard Statement	<p>H225 Highly flammable liquid and vapour.</p> <p>H302 Harmful if swallowed.</p> <p>H312 Harmful in contact with skin.</p> <p>H319 Causes serious eye irritation.</p> <p>H332 Harmful if inhaled.</p> <p>H371 May cause damage to organs.</p>
Precautionary Statements	<p>P210 Keep away from heat/sparks/open flames/hot surfaces. - No smoking.</p> <p>P260 Do not breathe dust/fume/gas/mist/vapours/spray.</p> <p>P280 Wear protective gloves/protective clothing/eye protection/face protection.</p> <p>P305+351+338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.</p> <p>P313 Get medical advice/attention.</p>
Precautionary Statements	<p>P233 Keep container tightly closed.</p> <p>P240 Ground/bond container and receiving equipment.</p> <p>P241 Use explosion-proof electrical/ventilating/lighting/.../equipment.</p> <p>P242 Use only non-sparking tools.</p> <p>P243 Take precautionary measures against static discharge.</p> <p>P261 Avoid breathing dust/fume/gas/mist/vapours/spray.</p> <p>P264 Wash ... thoroughly after handling.</p> <p>P270 Do not eat, drink or smoke when using this product.</p> <p>P271 Use only outdoors or in a well-ventilated area.</p> <p>P301+312 IF SWALLOWED: Call a POISON CENTER or doctor/physician if you feel unwell.</p> <p>P302+352 IF ON SKIN: Wash with plenty of soap and water.</p> <p>P303+361+353 IF ON SKIN (or hair): Remove/Take off immediately all contaminated clothing. Rinse skin with water/shower.</p> <p>P304+340 IF INHALED: Remove victim to fresh air and keep at rest in a position comfortable for breathing.</p> <p>P309+311 IF exposed or if you feel unwell: Call a POISON CENTER or doctor/physician.</p> <p>P312 Call a POISON CENTER or doctor/physician if you feel unwell.</p> <p>P322 Specific measures (see ... on this label).</p> <p>P330 Rinse mouth.</p> <p>P337 If eye irritation persists:</p> <p>P363 Wash contaminated clothing before reuse.</p> <p>P370+378 In case of fire: Use ... for extinction.</p> <p>P403+235 Store in a well-ventilated place. Keep cool.</p> <p>P405 Store locked up.</p> <p>P501 Dispose of contents/container to ...</p>

### 2.3. Other Hazards

This product does not contain any PBT or vPvB Substances.

## 3. COMPOSITION/INFORMATION ON INGREDIENTS

### 3.1. Substance

### 3.2. Mixtures

#### 4-HYDROXY-4-METHYLPENTAN-2-ONE

Concentration	10-30 %
CAS number	123-42-2
EC number	204-626-7
Classification (EC 1272/2008) Eye Irrit. 2 - H319	Classification (67/548/EEC) Xi;R36

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## ETHANOL

Concentration	60-100 %
CAS number	64-17-5
EC number	200-578-6
Classification (EC 1272/2008) Flam. Liq. 2 - H225	Classification (67/548/EEC) F;R11

## METHANOL

Concentration	5-10 %
CAS number	67-56-1
EC number	200-659-6
Classification (EC 1272/2008) Flam. Liq. 2 - H225 Acute Tox. 3 - H301 Acute Tox. 3 - H311 Acute Tox. 3 - H331 STOT SE 1 - H370	Classification (67/548/EEC) F;R11 T;R23/24/25,R39/23/24/25

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

## 4. FIRST AID MEASURES

### 4.1. Description of first aid measures

Inhalation	Move the exposed person to fresh air at once. For breathing difficulties oxygen may be necessary. If breathing stops, provide artificial respiration. Keep the affected person warm and at rest. Get prompt medical attention.
Eye contact	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. Contact physician if irritation persists.
Skin contact	Remove affected person from source of contamination. Remove contaminated clothing. Wash the skin immediately with soap and water. Get medical attention if irritation persists after washing.
Ingestion	DO NOT INDUCE VOMITING! Remove victim immediately from source of exposure. Rinse mouth thoroughly. Provide rest, warmth and fresh air. Get medical attention immediately! If vomiting occurs, keep head low so that stomach content doesn't get into the lungs.

### 4.2. Most important symptoms and effects, both acute and delayed

General Information	NOTE! Keep affected person away from heat, sparks and flames! Move the exposed person to fresh air at once. Get medical attention if any discomfort continues.
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### 4.3. Indication of any immediate medical attention and special treatment needed

## 5. FIREFIGHTING MEASURES

### 5.1. Extinguishing media

	Fire can be extinguished using: Foam. Dry chemicals, sand, dolomite etc.
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### 5.2. Special hazards arising from the substance or mixture

### 5.3. Advice for firefighters

Special fire fighting procedures	Avoid breathing fire vapours. Cool containers exposed to flames with water until well after the fire is out. Keep run-off water out of sewers and water sources. Dike for water control.
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## 6. ACCIDENTAL RELEASE MEASURES

### 6.1. Personal precautions, protective equipment and emergency procedures

### 6.2. Environmental precautions

### 6.3. Methods and material for containment and cleaning up

Extinguish all ignition sources. Avoid sparks, flames, heat and smoking. Ventilate. Clean-up personnel should use respiratory and/or liquid contact protection. Absorb in vermiculite, dry sand or earth and place into containers.

### 6.4. Reference to other sections

## 7. HANDLING AND STORAGE

### 7.1. Precautions for safe handling

Avoid spilling, skin and eye contact. Keep away from heat, sparks and open flame. Ventilate well, avoid breathing vapours. Use approved respirator if air contamination is above accepted level. Use explosion proof electric equipment.

### 7.2. Conditions for safe storage, including any incompatibilities

Flammable/combustible - Keep away from oxidisers, heat and flames. Store in tightly closed original container in a dry, cool and well-ventilated place. Keep in original container.

Storage class

Flammable liquid storage.

### 7.3. Specific end use(s)

## 8. EXPOSURE CONTROLS/PERSONAL PROTECTION

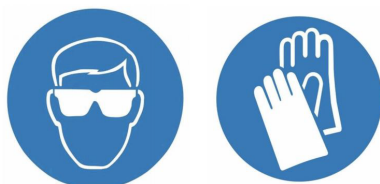
### 8.1. Control parameters

Name	STD	TWA - 8 hrs		STEL - 15 min		Notes
4-HYDROXY-4-METHYLPENTAN-2-ONE	WEL	50 ppm	241 mg/m <sup>3</sup>	75 ppm	362 mg/m <sup>3</sup>	
ETHANOL	WEL	1000 ppm	1920 mg/m <sup>3</sup>			
METHANOL	WEL	200 ppm	266 mg/m <sup>3</sup>	250 ppm	333 mg/m <sup>3</sup>	Sk

WEL = Workplace Exposure Limit.

Sk = Can be absorbed through skin.

### 8.2. Exposure controls



8.2.1. Appropriate engineering controls

Provide adequate general and local exhaust ventilation.

## Manns Trade Light Fast Dye

Eye / face protection	Use approved safety goggles or face shield.
Skin protection - Handprotection	Use protective gloves.
Skin protection - Other	Wear appropriate clothing to prevent any possibility of liquid contact and repeated or prolonged vapour contact.
Respiratory protection	Respiratory protection must be used if air contamination exceeds acceptable level.
Hygiene measures	DO NOT SMOKE IN WORK AREA! Wash at the end of each work shift and before eating, smoking and using the toilet. Wash promptly with soap & water if skin becomes contaminated. Promptly remove any clothing that becomes contaminated. Use appropriate skin cream to prevent drying of skin. When using do not eat, drink or smoke.

## 9. PHYSICAL AND CHEMICAL PROPERTIES

### 9.1. Information on basic physical and chemical properties

Appearance	Liquid
Colour	Varying
Odour	Characteristic
Odour threshold	No data available
pH	No data available
Melting point	No data available
Initial boiling point	78 °C
Flash point	14 °C OC (Open cup).
Evaporation rate	No data available
Flammability (solid, gas)	No data available
Vapour pressure	No data available
Vapour density	No data available
Relative density	No data available
Partition coefficient	No data available
Autoignition temperature	No data available
Viscosity	No data available
Explosive properties	No data available
Oxidising properties	No data available
Solubility	No data available

### 9.2. Other information

Conductivity	No data available
Surface tension	No data available
Gas group	No data available
Benzene Content	No data available
Lead content	No data available
VOC (Volatile organic compounds)	810 g/litre

## 10. STABILITY AND REACTIVITY

### 10.1. Reactivity

### 10.2. Chemical stability

	Stable under normal temperature conditions.
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### 10.3. Possibility of hazardous reactions

# Manns Trade Light Fast Dye

## 10.4. Conditions to avoid

Avoid heat. Avoid contact with oxidisers or reducing agents.

## 10.5. Incompatible materials

## 10.6. Hazardous decomposition products

Fire creates: Toxic gases/vapours/fumes of: Carbon monoxide (CO). Carbon dioxide (CO<sub>2</sub>).

## 11. TOXICOLOGICAL INFORMATION

### 11.1. Information on toxicological effects

General Information	Prolonged and repeated contact with solvents over a long period may lead to permanent health problems.
Inhalation	Vapours may cause headache, fatigue, dizziness and nausea. Vapour may irritate respiratory system or lungs.
Ingestion	Harmful: may cause lung damage if swallowed. Pneumonia may be the result if vomited material containing solvents reaches the lungs. Narcotic effect.
Skin Contact	Acts as a defatting agent on skin. May cause cracking of skin, and eczema. Prolonged or repeated exposure may cause severe irritation.
Eye Contact	Irritating to eyes. Vapour or spray may cause temporary (reversible) eye damage.
Route of entry	Inhalation. Ingestion. Skin and/or eye contact.
Target Organs	Respiratory system, lungs
Medical Symptoms	High concentrations of vapours may irritate respiratory system and lead to headache, fatigue, nausea and vomiting.

## 12. ECOLOGICAL INFORMATION

Ecotoxicity	The product components are not classified as environmentally hazardous. However, this does not exclude the possibility that large or frequent spills can have a harmful or damaging effect on the environment.
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### 12.1. Toxicity

### 12.2. Persistence and degradability

### 12.3. Bioaccumulative potential

### 12.4. Mobility in soil

### 12.5. Results of PBT and vPvB assessment

### 12.6. Other adverse effects

## 13. DISPOSAL CONSIDERATIONS

General Information	When handling waste, consideration should be made to the safety precautions applying to handling of the product. The packaging must be empty (drop-free, when inverted).
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### 13.1. Waste treatment methods

Disposal methods	Dispose of waste and residues in accordance with local authority requirements.
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**14. TRANSPORT INFORMATION****14.1. UN number**

UN No. (ADR/RID/ADN)	1268
UN No. (IMDG)	1268

**14.2. UN proper shipping name**

Proper shipping name	PAINT OR PAINT RELATED PRODUCTS
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**14.3. Transport hazard class(es)**

ADR/RID/ADN Class	3
ADR/RID/ADN Class	Class 3: Flammable liquids.
ADR Label No.	3
IMDG Class	3.2
Transport Labels	

**14.4. Packing group**

ADR/RID/ADN Packing group	II
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**14.5. Environmental hazards**

Environmentally Hazardous Substance/Marine Pollutant	No.
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**14.6. Special precautions for user**

Hazard No. (ADR)	33
Tunnel Restriction Code	(D/E)

**14.7. Transport in bulk according to Annex II of MARPOL and the IBC Code****15. REGULATORY INFORMATION****15.1. Safety, health and environmental regulations/legislation specific for the substance or mixture**

Uk Regulatory References	The Control of Substances Hazardous to Health Regulations 2002 (S.I 2002 No. 2677) with amendments.
Statutory Instruments	The Classification, Labelling and Packaging of substances and mixtures Regulations EC 1272/2008 (CLP) and amendments
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. Spraying of Highly Flammable Liquids EH9.

**15.2. Chemical safety assessment**



# Manns Trade Light Fast Dye

## 16. OTHER INFORMATION

<b>Risk phrases in full</b>	<p>R20/21/22 Harmful by inhalation, in contact with skin and if swallowed.</p> <p>R68/20/21/22 Harmful: possible risk of irreversible effects through inhalation, in contact with skin and if swallowed.</p> <p>R11 Highly flammable</p> <p>R36 Irritating to eyes.</p> <p>R23/24/25 Toxic by inhalation, in contact with skin and if swallowed.</p> <p>R39/23/24/25 Toxic: danger of very serious irreversible effects through inhalation, in contact with skin and if swallowed</p>
<b>Hazard Statements In Full</b>	<p>H370 Causes damage to organs &lt;&lt;Organs&gt;&gt;.</p> <p>H319 Causes serious eye irritation.</p> <p>H332 Harmful if inhaled.</p> <p>H302 Harmful if swallowed.</p> <p>H312 Harmful in contact with skin.</p> <p>H225 Highly flammable liquid and vapour.</p> <p>H371 May cause damage to organs &lt;&lt;Organs&gt;&gt;.</p> <p>H331 Toxic if inhaled.</p> <p>H301 Toxic if swallowed.</p> <p>H311 Toxic in contact with skin.</p>
<b>General information</b>	<p>This information is correct to the best of our knowledge and belief at the date of publication however no guarantee is made to its accuracy</p>