



SAFETY DATA SHEET

Decking Treatment -Clear

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

PRODUCT NAME Decking Treatment -Clear
 PRODUCT NO. DTCLGEN
 APPLICATION Oils, protects and stains timber.
 SUPPLIER Barrettine
 Barrettine Works
 St Ivel Way
 Warmley
 Bristol
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 EMERGENCY TELEPHONE 0870 190 6777

2 HAZARDS IDENTIFICATION

Flammable.

Harmful: may cause lung damage if swallowed.

Repeated exposure may cause skin dryness or cracking.

CLASSIFICATION Xn;R65. R10, R66.

PHYSICAL AND CHEMICAL HAZARDS

Vapours are heavier than air and may travel along the floor and in the bottom of containers.

HUMAN HEALTH

Product has a defatting effect on skin.

3 COMPOSITION/INFORMATION ON INGREDIENTS

Name	EC No.	CAS-No.	Content	Classification
naphtha (petroleum), hydrotreated heavy (<0.1% benzene)	265-150-3	64742-48-9	60-95%	Xn;R65. R10,R66.
naphtha (petroleum), hydrodesulphurised heavy (<0.1% benzene)	265-185-4	64742-82-1	1-5%	Xn;R65. R10.

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

4 FIRST-AID MEASURES

INHALATION

Move the exposed person to fresh air at once. Perform artificial respiration if breathing has stopped. If respiratory problems, artificial respiration/oxygen. Keep the affected person warm and at rest. Get prompt medical attention.

INGESTION

NEVER MAKE AN UNCONSCIOUS PERSON VOMIT OR DRINK FLUIDS! Remove victim immediately from source of exposure. If swallowed do NOT induce vomiting.

Never give anything by mouth to an unconscious person. Rinse mouth thoroughly and seek medical attention immediately.

SKIN CONTACT

Remove affected person from source of contamination. Remove contaminated clothing and shoes. Wash skin thoroughly with soap and water.

Get medical attention if irritation develops.

Launder clothing and clean shoes thoroughly before re-use.

EYE CONTACT

Check for contact lenses which must be removed from the eyes before rinsing.

Promptly rinse eyes with plenty of clean water while lifting the eyelids.

Continue to rinse for at least 15 minutes. Continue until the eyes are free of all traces of contamination.

Get medical attention if any discomfort or irritation persists.

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5 FIRE-FIGHTING MEASURES

EXTINGUISHING MEDIA

Extinguish with dry sand. Foam, carbon dioxide or dry powder. Do not use high pressure water jet as this may spread burning material.

SPECIAL FIRE FIGHTING PROCEDURES

Avoid breathing fire vapours. Use water SPRAY only to cool containers! Do not put water on leaked material.

Contaminated fire water must not be allowed to contaminate ground or enter drains, sewers or water courses. Provide bunding against fire water run-off.

UNUSUAL FIRE & EXPLOSION HAZARDS

In conditions of fire or excessive heat gives off toxic fumes and gases, including oxides of carbon and nitrogen and various hydrocarbon fragments. Vapours can form explosive mixtures with air. If heated, volume and pressure increases strongly, resulting in explosion of container.

SPECIFIC HAZARDS

Fire emits clouds of smoke which may contain toxic vapours, gases and fumes. including Carbon monoxide (CO). Carbon dioxide (CO₂).

PROTECTIVE MEASURES IN FIRE

Wear self-contained breathing apparatus and full protective clothing. Keep all unnecessary people away.

6 ACCIDENTAL RELEASE MEASURES

PERSONAL PRECAUTIONS

Provide adequate ventilation. Do not breathe vapour. Eliminate all naked flames or other sources of ignition. Do not smoke. Wear protective clothing (see Section 8).

ENVIRONMENTAL PRECAUTIONS

Prevent discharge into drains, water courses or onto the ground. Cover all drains and sewers. Avoid spreading spilt material. Contain spillages with sand, earth or any suitable adsorbent material. Collect and dispose of spillage as indicated in section 13.

SPILL CLEAN UP METHODS

Extinguish all ignition sources. Avoid sparks, flames, heat and smoking. Ventilate. Absorb in vermiculite, sand or other absorbent inert material. Place into clearly labelled container for recovery or disposal (see section 13). Rinse site with copious amounts of water, which should not be allowed into drains, sewers or water courses. Wash thoroughly after dealing with a spillage.

7 HANDLING AND STORAGE

USAGE PRECAUTIONS

Use only with adequate ventilation. Keep away from heat, sparks and open flame. Avoid spilling, skin and eye contact. During application and drying, solvent vapours will be emitted.

STORAGE PRECAUTIONS

Store in tightly closed original container in a dry and cool place. Store under well-ventilated conditions at a temperature below 25°C.

STORAGE CLASS

Storage should be suitable for combustible materials, positioned away from sources of ignition such as heating appliances and lighting. Keep away from food, drink and animal feeding stuffs.

8 EXPOSURE CONTROLS/PERSONAL PROTECTION

Name	Std	LT - ppm	LT - mg/m ³	ST - ppm	ST - mg/m ³
naphtha (petroleum), hydrodesulphurised heavy (<0.1% benzene)	WEL		1000 mg/m ³		
naphtha (petroleum), hydrotreated heavy (<0.1% benzene)	WEL		1000 mg/m ³		

INGREDIENT COMMENTS

WEL = Workplace Exposure Limits

PROTECTIVE EQUIPMENT



ENGINEERING MEASURES

Provide adequate ventilation, including appropriate local extraction, to ensure that workplace exposure limits are not exceeded.

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HAND PROTECTION

Avoid prolonged or repeated contact, use suitable protective gloves made of Nitrile. or Neoprene. After using gloves the hands should be washed and dried thoroughly and a suitable moisturiser applied.

EYE PROTECTION

Wear approved safety goggles.

OTHER PROTECTION

Wear appropriate clothing to prevent any possibility of liquid contact and repeated or prolonged vapour contact.

HYGIENE MEASURES

When using do not eat, drink or smoke. Wash promptly if skin becomes contaminated. Promptly remove any clothing that becomes contaminated. Wash at the end of each work shift and before eating, smoking and using the toilet. Use appropriate skin cream to prevent drying of skin.

9 PHYSICAL AND CHEMICAL PROPERTIES

APPEARANCE	Brown liquid			
ODOUR	Solvent.			
SOLUBILITY	Immiscible with water			
BOILING POINT (°C)	150 - 200	760 mm Hg	RELATIVE DENSITY	0.78 - 0.81 20°C.
VISCOSITY	1.24	cSt 40°C	FLASH POINT (°C)	38 CC (Closed cup).
AUTO IGNITION	230		FLAMMABILITY LIMIT -	0.9
TEMPERATURE (°C)			LOWER(%)	
FLAMMABILITY LIMIT -	8.0			
UPPER(%)				

10 STABILITY AND REACTIVITY

STABILITY

Stable under normal conditions of storage and use.

CONDITIONS TO AVOID

Avoid heat, flames and other sources of ignition. Avoid contact with acids and oxidising substances.

HAZARDOUS DECOMPOSITION PRODUCTS

Thermal decomposition or combustion may liberate carbon oxides and other toxic gases or vapours.

11 TOXICOLOGICAL INFORMATION

INHALATION

Exposure to solvent vapours may cause irritation of the throat, respiratory system and mucous membranes and have adverse effects on the kidneys, liver and central nervous system.

Symptoms can include headache, dizziness, drowsiness, fatigue, and muscular weakness, In extreme cases resulting in loss of consciousness.

INGESTION

Harmful if swallowed. Can cause severe irritation of mucous membranes and the respiratory tract. Gastrointestinal symptoms, including upset stomach.

SKIN CONTACT

Repeated exposure may cause skin dryness or cracking.

EYE CONTACT

Irritating and may cause redness and pain.

TARGET ORGANS

Skin. Eyes. Respiratory system, lungs.

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.

DEGRADABILITY

The product is expected to be biodegradable.

13 DISPOSAL CONSIDERATIONS

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GENERAL INFORMATION

Product is hazardous waste. Do not allow into drains, sewers or water courses.

Disposal must be by means of a licensed waste contractor. Empty containers may contain residual flammable vapours and product residue. Keep away from sparks, heat and sources of ignition.

DISPOSAL METHODS

Absorb in vermiculite or dry sand, dispose in licensed hazardous waste. Make sure containers are empty before discarding (explosion risk).

WASTE CLASS

European Waste Catalogue : 03 02 01

14 TRANSPORT INFORMATION



UK ROAD CLASS	3		
PROPER SHIPPING NAME	PETROLEUM DISTILLATES, N.O.S., or PETROLEUM PRODUCTS, N.O.S. (petroleum naphtha)		
UN NO. ROAD	1268	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
CEPIC TEC(R) NO.	30GF1-III	RID CLASS NO.	3
RID PACK GROUP	III	UN NO. SEA	1268
IMDG CLASS	3	IMDG PACK GR.	III
EMS	F-E, S-E	MARINE POLLUTANT	No.
UN NO. AIR	1268	AIR CLASS	3
AIR PACK GR.	III		

15 REGULATORY INFORMATION

LABELLING



Harmful

CONTAINS naphtha (petroleum), hydrotreated heavy (<0.1% benzene)

RISK PHRASES

R10	Flammable.
R65	Harmful: may cause lung damage if swallowed.
R66	Repeated exposure may cause skin dryness or cracking.

SAFETY PHRASES

S2	Keep out of the reach of children
S13	Keep away from food, drink and animal feeding stuffs.
S37	Wear suitable gloves.
S46	If swallowed, seek medical advice immediately and show this container or label.
S51	Use only in well-ventilated areas.
S56	Dispose of this material and its container to hazardous or special waste collection point.

UK REGULATORY REFERENCES

Chemicals (Hazard Information & Packaging) Regulations.

EU DIRECTIVES

EC Regulation 1907/2006 (as amended) : 'REACH'.

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Dangerous Substance Directive 67/548/EEC.

Dangerous Preparations Directive 1999/45/EC.

STATUTORY INSTRUMENTS

Chemicals (Hazard Information and Packaging for Supply) Regulations 2002 No. 1689. (CHIP3)

Control of Substances Hazardous to Health Regulations (as amended). (COSHH)

Carriage of Dangerous Goods and Use of Transportable Pressure Equipment Regulations 2007. (CDG 2007)

APPROVED CODE OF PRACTICE

Control of substances hazardous to health - Approved Code of Practice and Guidance L5 (2005) HSE Books.

Approved classification and labelling guide L131 (Fifth Edition - 2002)

GUIDANCE NOTES

The storage of flammable liquids in containers HSG51 (HSE 1998).

CHIP for everyone HSG(108).

16 OTHER INFORMATION

REV. NO./REPL. SDS 2

GENERATED

DATE 09-Apr-08 replaces version 1 dated 12-03-2008

RISK PHRASES IN FULL

R10 Flammable.

R65 Harmful: may cause lung damage if swallowed.

R66 Repeated exposure may cause skin dryness or cracking.

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.