



SAFETY DATA SHEET

1,4-DICHLOROBENZENE

1 IDENTIFICATION OF THE SUBSTANCE/PREPARATION AND COMPANY/UNDERTAKING

PRODUCT NAME	1,4-DICHLOROBENZENE
PRODUCT NO.	910220
SUPPLIER	Dodge Company Ltd, Units 11/15 Ardglen Industrial Estate, Whitchurch, Hampshire, RG28 7BB, United Kingdom 44 (0)1256-893883 44 (0)1256-893868
CONTAINER SIZE	3.5 kilo

2 COMPOSITION/INFORMATION ON INGREDIENTS

EU INDEX NO.	602-035-00-2
EEC (EINECS) NO.	203-400-5
CAS-NO.	106-46-7

3 HAZARDS IDENTIFICATION

Irritating to eyes. Very toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment.

CLASSIFICATION Xi;R36 N;R50,R53

4 FIRST-AID MEASURES

INHALATION

Remove victim immediately from source of exposure. Get medical attention if any discomfort continues.

INGESTION

Immediately rinse mouth and drink plenty of water. Keep person under observation. If person becomes uncomfortable take to hospital along with these instructions.

SKIN CONTACT

Promptly wash contaminated skin with soap or mild detergent and water. Promptly remove clothing if soaked through and wash as above. Get medical attention if any discomfort continues.

EYE CONTACT

Promptly wash eyes with plenty of water while lifting the eye lids. Continue to rinse for at least 15 minutes and get medical attention. Get medical attention if any discomfort continues.

5 FIRE-FIGHTING MEASURES

EXTINGUISHING MEDIA

Extinguish with foam, carbon dioxide, dry powder or water fog.

SPECIAL FIRE FIGHTING PROCEDURES

NOTE! Use air-supplied respirators to protect against gases/fumes.

6 ACCIDENTAL RELEASE MEASURES

PERSONAL PRECAUTIONS

Wear protective clothing as described in Section 8 of this safety data sheet.

ENVIRONMENTAL PRECAUTIONS

Do not allow to enter drains, sewers or watercourses. Spillages or uncontrolled discharges into watercourses must be IMMEDIATELY alerted to the National Rivers Authority or other appropriate regulatory body.

SPILL CLEAN UP METHODS

Ensure that waste and contaminated materials are collected and removed from the work area as soon as possible in a suitably labelled container

1,4-DICHLOROBENZENE**7 HANDLING AND STORAGE****USAGE PRECAUTIONS**

Avoid inhalation of vapours/spray and contact with skin and eyes. Ventilate well, avoid breathing vapours. Use approved respirator if air contamination is above accepted level.

STORAGE PRECAUTIONS

Store in tightly closed original container. Flammable/combustible - Keep away from oxidisers, heat and flames.

STORAGE CLASS

Miscellaneous hazardous material storage.

8 EXPOSURE CONTROLS/PERSONAL PROTECTION

Name	Std	LT - ppm	LT - mg/m3	ST - ppm	ST - mg/m3
1,4-DICHLOROBENZENE	OES	25 ppm	153 mg/m3	50 ppm	306 mg/m3

PROTECTIVE EQUIPMENT**RESPIRATORY EQUIPMENT**

If ventilation is insufficient, suitable respiratory protection must be provided.

HAND PROTECTION

For prolonged or repeated skin contact use suitable protective gloves. Gloves of nitrile rubber, PVA or Viton are recommended.

EYE PROTECTION

Goggles/face shield are recommended.

OTHER PROTECTION

Wear suitable protective clothing as protection against splashing or contamination.

HYGIENE MEASURES

Wash hands after handling.

9 PHYSICAL AND CHEMICAL PROPERTIES

APPEARANCE	Crystalline powder		
COLOUR	White / off-white		
ODOUR	Aromatic.		
SOLUBILITY	Insoluble in water Soluble in Organic solvents		
BOILING POINT (°C)	172 760 mm Hg	MELTING POINT (°C)	53
RELATIVE DENSITY	1.458 20	VAPOUR PRESSURE	1.8 mmHg 30
FLASH POINT (°C)	65 CC (Closed cup).		

10 STABILITY AND REACTIVITY**STABILITY**

Stable under normal temperature conditions and recommended use.

CONDITIONS TO AVOID

Avoid heat, flames and other sources of ignition.

MATERIALS TO AVOID

Strong acids. Strong oxidising substances.

HAZARDOUS DECOMPOSITION PRODUCTS

Vapours/gases/fumes of: Carbon monoxide (CO). Carbon dioxide (CO₂). Hydrogen chloride (HCl).

11 TOXICOLOGICAL INFORMATION**INGESTION**

Harmful if swallowed. Irritating. May cause nausea, stomach pain and vomiting.

SKIN CONTACT

Irritating to skin.

EYE CONTACT

Irritating to eyes.

1,4-DICHLOROBENZENE**12 ECOLOGICAL INFORMATION****ECOTOXICITY**

Dangerous for the environment if discharged into watercourses.

BIOACCUMULATION

May accumulate in soil and water systems.

DEGRADABILITY

The product is not readily biodegradable.

ACUTE FISH TOXICITY

Very toxic to aquatic organisms.

13 DISPOSAL CONSIDERATIONS**DISPOSAL METHODS**

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

14 TRANSPORT INFORMATION

UK ROAD CLASS	9		
PROPER SHIPPING NAME	P-DICHLOROBENZENE		
UN NO. ROAD	3082	UK ROAD PACK GR.	III
ADR CLASS NO.	9	ADR CLASS	Class 9: Miscellaneous dangerous substances and articles.
ADR PACK GROUP	III	ADR LABEL NO.	9
RID CLASS NO.	9	RID PACK GROUP	III
UN NO. SEA	3082	IMDG CLASS	9
IMDG PAGE NO.	9	IMDG PACK GR.	III
EMS	F-A, S-F	MFAG	See Guide
MARINE POLLUTANT	Yes.	UN NO. AIR	3082



ICAO CLASS	9	AIR PACK GR.	III
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15 REGULATORY INFORMATION**LABELLING**

Irritant



Dangerous for the environment

RISK PHRASES

R36	Irritating to eyes.
R50/53	Very toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment.

SAFETY PHRASES

S2	Keep out of the reach of children
S46	If swallowed, seek medical advice immediately and show this container or label.

1,4-DICHLOROBENZENE

S24/25	Avoid contact with skin and eyes.
S60	This material and its container must be disposed of as hazardous waste.
S61	Avoid release to the environment. Refer to special instructions/safety data sheets.

16 OTHER INFORMATION

REVISION DATE NOVEMBER 2004

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.