



## SAFETY DATA SHEET

### PARAFORMALDEHYDE

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

PRODUCT NAME	PARAFORMALDEHYDE
PRODUCT NO.	910205/910212
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

CAS-NO.	30525-89-4
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#### 3 HAZARDS IDENTIFICATION

#### 4 FIRST-AID MEASURES

##### INHALATION

Move the exposed person to fresh air at once. Get medical attention. Provide rest, warmth and fresh air. When breathing is difficult, properly trained personnel may assist affected person by administering oxygen.

##### INGESTION

DO NOT INDUCE VOMITING! NEVER MAKE AN UNCONSCIOUS PERSON VOMIT OR DRINK FLUIDS! Remove victim immediately from source of exposure. Drink plenty of water. Get medical attention immediately! Provide rest, warmth and fresh air.

##### SKIN CONTACT

Remove affected person from source of contamination. Remove contaminated clothing. Wash the skin immediately with soap and water. Get medical attention immediately.

##### 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. Get medical attention immediately. Continue to rinse.

#### 5 FIRE-FIGHTING MEASURES

##### EXTINGUISHING MEDIA

Use fire-extinguishing media appropriate for surrounding materials.

##### SPECIAL FIRE FIGHTING PROCEDURES

Move container from fire area if it can be done without risk. Cool containers exposed to flames with water until well after the fire is out.

##### SPECIFIC HAZARDS

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

#### 6 ACCIDENTAL RELEASE MEASURES

##### SPILL CLEAN UP METHODS

Wear necessary protective equipment. Ventilate well. Stop leak if possible without risk. DO NOT touch spilled material. Absorb in vermiculite, dry sand or earth and place into containers. Flush with plenty of water to clean spillage area. Do not let washing down water contaminate ponds or waterways. Wash thoroughly after dealing with a spillage.

#### 7 HANDLING AND STORAGE

##### 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 cool, dry well-ventilated place. Keep in original container.

**PARAFORMALDEHYDE****STORAGE CLASS**

Toxic storage.

**8 EXPOSURE CONTROLS/PERSONAL PROTECTION****INGREDIENT COMMENTS**

MEL = Maximum Exposure Limit. OES = Occupational Exposure Standard.

**PROTECTIVE EQUIPMENT****ENGINEERING MEASURES**

Well-ventilated area.

**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	Powder, dust		
COLOUR	White		
ODOUR	Pungent		
SOLUBILITY	Slightly soluble in water.		
BOILING POINT (°C)	120-170 760 mm Hg	PARTICLE SIZE (Micron)	7-10
VAPOUR DENSITY (air=1)	1.04	FLASH POINT (°C)	45-70 CC (Closed cup).
FLAMMABILITY LIMIT - LOWER(%)	7	FLAMMABILITY LIMIT - UPPER(%)	72

**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. Prolonged inhalation of high concentrations may damage respiratory system. May cause irritation to the respiratory system. High concentrations of vapours may irritate respiratory system and lead to headache, fatigue, nausea and vomiting.

**INGESTION**

Harmful if swallowed. May cause discomfort if swallowed. May cause stomach pain or vomiting. Swallowing concentrated chemical may cause severe internal injury.

**SKIN CONTACT**

Harmful in contact with skin. Irritating to skin. May cause sensitisation by skin contact. Prolonged contact may cause dryness of the skin.

**EYE CONTACT**

Irritating to eyes. Risk of serious damage to eyes.

**HEALTH WARNINGS**

Prolonged inhalation of high concentrations may damage respiratory system. Prolonged or repeated exposure may cause severe irritation.

The product causes irritation of mucous membranes and may cause abdominal discomfort if swallowed.

**Other Health Effects**

Carcinogen Category 3.

**MEDICAL CONSIDERATIONS**

Allergies. Skin disorders and allergies. History of smoking.

**PARAFORMALDEHYDE****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**

PROPER SHIPPING NAME	PARAFORMALDEHYDE		
UN NO. ROAD	2213	ADR CLASS NO.	4.1
ADR CLASS	Class 4.1: Flammable solids, self-reactive substances and solid desensitised explosives.	ADR PACK GROUP	6(c)
HAZARD NO. (ADR)	40 Flammable or self heating solid.	ADR LABEL NO.	4.1
RID CLASS NO.	4.1	UN NO. SEA	2213
IMDG CLASS	4.1	IMDG PACK GR.	None
EMS	F-A, S-G	MARINE POLLUTANT	No.
UN NO. AIR	2213	ICAO CLASS	4.1
AIR PACK GR.	III		

**15 REGULATORY INFORMATION**

## 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/EEC.

## STATUTORY INSTRUMENTS

Chemicals (Hazard Information and Packaging) Regulations.

## APPROVED CODE OF PRACTICE

Classification and Labelling of Substances and Preparations Dangerous for Supply.

## GUIDANCE NOTES

Occupational 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.