



**SAFETY DATA SHEET
PERMAFLOW-V2**

1 IDENTIFICATION OF THE SUBSTANCE/PREPARATION AND COMPANY/UNDERTAKING

PRODUCT NAME PERMAFLOW-V2
 PRODUCT NO. 350013
 SUPPLIER Dodge Company Ltd,
 Units 11/15 Ardglan Industrial
 Estate,
 Whitchurch, Hampshire,
 RG28 7BB, United Kingdom
 44 (0)1256-893883
 44 (0)1256-893868

2 COMPOSITION/INFORMATION ON INGREDIENTS

Name	EC No.	CAS-No.	Content	Classification
SODIUM HYDROXIDE	215-185-5	1310-73-2	< 1%	C;R35
trisodium hydroxyethylenediaminetriacetate	215-185-5	139-89-9	1-5%	Xi;R36/38.

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

3 HAZARDS IDENTIFICATION

Not regarded as a health or environmental hazard under current legislation.

4 FIRST-AID MEASURES

GENERAL INFORMATION

No recommendation given.

INHALATION

No recommendation given, but first aid may still be required in case of accidental exposure, inhalation or ingestion of this chemical. If in doubt, GET MEDICAL ATTENTION PROMPTLY!

INGESTION

No recommendation given.

SKIN CONTACT

Remove contaminated clothing and launder before reuse. Wash immediately with soap and water

EYE CONTACT

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

5 FIRE-FIGHTING MEASURES

EXTINGUISHING MEDIA

Water spray. Carbon dioxide (CO2). Dry chemicals, sand, dolomite etc.

SPECIAL FIRE FIGHTING PROCEDURES

Use pressurised air mask if product is involved in a fire.

UNUSUAL FIRE & EXPLOSION HAZARDS

No unusual fire or explosion hazards noted.

6 ACCIDENTAL RELEASE MEASURES

SPILL CLEAN UP METHODS

Absorb with inert, damp, non-combustible material, then flush area with water.

7 HANDLING AND STORAGE

PERMAFLOW-V2

USAGE PRECAUTIONS

No specific usage precautions noted.

STORAGE PRECAUTIONS

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

STORAGE CLASS

Unspecified storage.

8 EXPOSURE CONTROLS/PERSONAL PROTECTION

Name	Std	LT - ppm	LT - mg/m3	ST - ppm	ST - mg/m3
SODIUM HYDROXIDE	WEL				2 mg/m3

ENGINEERING MEASURES

Provide adequate general and local exhaust ventilation.

RESPIRATORY EQUIPMENT

Respiratory protection not required.

HAND PROTECTION

Use suitable protective gloves if risk of skin contact.

EYE PROTECTION

Use eye protection.

HYGIENE MEASURES

Wash promptly if skin becomes wet or contaminated.

9 PHYSICAL AND CHEMICAL PROPERTIES

APPEARANCE	Clear Liquid		
COLOUR	Pink Light (or pale) Orange		
ODOUR	Mild (or faint). Perfume scent		
SOLUBILITY	Soluble in water		
BOILING POINT (°C)	100 760 mm Hg	RELATIVE DENSITY	1.025-1.035 @ 15 °c
VAPOUR DENSITY (air=1)	>1	VOLATILE BY VOL. (%)	96
pH-VALUE, CONC. SOLUTION	9.5-10.5	FLASH POINT (°C)	>93 CC (Closed cup).

10 STABILITY AND REACTIVITY

STABILITY

Stable under normal temperature conditions.

CONDITIONS TO AVOID

Strong oxidising agents. Avoid contact with acids and alkalis.

HAZARDOUS POLYMERISATION

Will not polymerise.

HAZARDOUS DECOMPOSITION PRODUCTS

Oxides of: Carbon. Nitrogen.

11 TOXICOLOGICAL INFORMATION

GENERAL INFORMATION

This product has low toxicity. Only large volumes may have adverse impact on human health.

INHALATION

Irritation of nose due to vapour or dust contact.

INGESTION

No specific health warnings noted.

SKIN CONTACT

Liquid may irritate skin.

EYE CONTACT

Irritating to eyes.

PERMAFLOW-V2

HEALTH WARNINGS

This product has low toxicity. Only large volumes may have adverse impact on human health.

ROUTE OF ENTRY

Skin and/or eye contact.

12 ECOLOGICAL INFORMATION

ECOTOXICITY

Dangerous for the environment if discharged into watercourses.

13 DISPOSAL CONSIDERATIONS

DISPOSAL METHODS

Small amounts may be flushed with water to sewer. Larger volumes must be sent to approved plant for destruction.

14 TRANSPORT INFORMATION

	No transport warning sign required.
ADR CLASS	Not classified for transportation.

15 REGULATORY INFORMATION

RISK PHRASES	NC	Not classified.
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SAFETY PHRASES	P13	Safety data sheet available for professional user on request.
	S37	Wear suitable gloves.

16 OTHER INFORMATION

REVISION DATE	May 2007
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RISK PHRASES IN FULL

R35	Causes severe burns.
R36/38	Irritating to eyes and skin.

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.