



## SAFETY DATA SHEET

## Drywash II

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

PRODUCT NAME Drywash II

PRODUCT NO. 520074

SUPPLIER The DODGE COMPANY LTD  
Units 11/15, ARDGLEN IND. EST.  
WHITCHURCH  
HAMPSHIRE, RG28 7BB  
UK  
+44 1256 893883  
+ 44 1256 893868  
enquiries@dodge-uk.com

## 2 COMPOSITION/INFORMATION ON INGREDIENTS

Name	EC No.	CAS-No.	Content	Classification
ACETONE	200-662-2	67-64-1	60-100%	F;R11 Xi;R36 R66 R67
HEXANE-norm	203-777-6	110-54-3	5-10%	F;R11 Rep3;R62 Xn;R65,R48/20 Xi;R38 R67 N;R51/53
ISOPROPYL ACETATE	203-561-1	108-21-4	5-10%	F;R11 Xi;R36 R66 R67
PROPAN-2-OL	200-661-7	67-63-0	10-30%	F;R11 Xi;R36 R67

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

## 3 HAZARDS IDENTIFICATION

Highly flammable. Irritating to eyes. Harmful: danger of serious damage to health by prolonged exposure through inhalation. Possible risk of impaired fertility. Harmful to aquatic organisms, may cause long-term adverse effects in the aquatic environment. Repeated exposure may cause skin dryness or cracking. Vapours may cause drowsiness and dizziness.

CLASSIFICATION Xn;R48/20. Rep 3;R62. Xi;R36. F;R11. R52/53, R66, R67.

## 4 FIRST-AID MEASURES

## GENERAL INFORMATION

Move the exposed person to fresh air at once. Get medical attention if any discomfort continues.

## INHALATION

Move the exposed person to fresh air at once. Get medical attention. NOTE! Keep affected person away from heat, sparks and flames!

## INGESTION

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

## SKIN CONTACT

Remove affected person from source of contamination. Remove contaminated clothing. Wash skin thoroughly with soap and water for several minutes. Get medical attention if any discomfort continues.

## 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. Get medical attention promptly if symptoms occur after washing.

## 5 FIRE-FIGHTING MEASURES

## EXTINGUISHING MEDIA

Use: Foam. Dry chemicals, sand, dolomite etc.

## 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.

## UNUSUAL FIRE &amp; EXPLOSION HAZARDS

May ignite if strongly heated.

## Drywash II

**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**

Stop leak if possible without risk. Extinguish all ignition sources. Avoid sparks, flames, heat and smoking. Ventilate. Do not contaminate water sources or sewer. Absorb in vermiculite, dry sand or earth and place into containers. Wash thoroughly after dealing with a spillage.

### 7 HANDLING AND STORAGE

**USAGE PRECAUTIONS**

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. Container must be kept tightly closed. Use explosion proof electric equipment.

**STORAGE PRECAUTIONS**

Keep away from heat, sparks and open flame. Keep containers tightly closed. Keep in original container.

**STORAGE CLASS**

Flammable liquid storage.

### 8 EXPOSURE CONTROLS/PERSONAL PROTECTION

Name	Std	LT - ppm	LT - mg/m <sup>3</sup>	ST - ppm	ST - mg/m <sup>3</sup>
ACETONE	WEL	500 ppm	1210 mg/m <sup>3</sup>	1500 ppm	3620 mg/m <sup>3</sup>
HEXANE-norm	OES	20 ppm	72 mg/m <sup>3</sup>		
ISOPROPYL ACETATE	OES			200 ppm	849 mg/m <sup>3</sup>
PROPAN-2-OL	WEL	400 ppm	999 mg/m <sup>3</sup>	500 ppm	1250 mg/m <sup>3</sup>

**INGREDIENT COMMENTS**

WEL = Workplace Exposure Limits

**PROTECTIVE EQUIPMENT**



**ENGINEERING MEASURES**

Provide adequate general and local exhaust ventilation.

**RESPIRATORY EQUIPMENT**

Respiratory protection must be used if air contamination exceeds acceptable level.

**HAND PROTECTION**

Use protective gloves.

**EYE PROTECTION**

Wear splash-proof eye goggles to prevent any possibility of eye contact.

**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. Wash promptly with soap & water if skin becomes contaminated. Promptly remove any clothing that becomes contaminated. When using do not eat, drink or smoke.

### 9 PHYSICAL AND CHEMICAL PROPERTIES

APPEARANCE	Clear liquid		
COLOUR	Colourless		
ODOUR	Characteristic of solvents		
SOLUBILITY	Miscible with water.		
BOILING POINT (°C)	56.11 760 mm Hg	RELATIVE DENSITY	0.65 (H <sub>2</sub> O=1) 20
VAPOUR DENSITY (air=1)	>1	VOLATILE BY VOL. (%)	>95

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FLASH POINT (°C)	-7 CC (Closed cup).	FLAMMABILITY LIMIT - LOWER(%)	2.5
FLAMMABILITY LIMIT - UPPER(%)	12.8		

**10 STABILITY AND REACTIVITY****STABILITY**

Stable under normal temperature conditions.

**CONDITIONS TO AVOID**

Avoid heat, flames and other sources of ignition. Avoid contact with strong reducing agents.

**MATERIALS TO AVOID**

Strong oxidising substances. Isocyanates. Strong alkalis. Strong acids. Inorganic nitrates.

**HAZARDOUS DECOMPOSITION PRODUCTS**

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

**11 TOXICOLOGICAL INFORMATION****INHALATION**

Prolonged inhalation of high concentrations may damage respiratory system.

**INGESTION**

May cause stomach pain or vomiting. Swallowing concentrated chemical may cause severe internal injury.

**SKIN CONTACT**

May cause sensitisation by skin contact. Prolonged contact may cause dryness of the skin.

**EYE CONTACT**

Vapour, spray or dust may cause chronic eye irritation or eye damage.

**HEALTH WARNINGS**

INHALATION. May cause irritation to the respiratory system. SKIN CONTACT. Acts as a defatting agent on skin. May cause cracking of skin, and eczema. EYE CONTACT. May cause severe irritation to eyes. INGESTION. May cause stomach pain or vomiting.

**MEDICAL CONSIDERATIONS**

Allergies. Skin disorders and allergies.

**12 ECOLOGICAL INFORMATION****ECOTOXICITY**

Not known.

**ACUTE FISH TOXICITY**

Very toxic to aquatic organisms.

**13 DISPOSAL CONSIDERATIONS****GENERAL INFORMATION**

The packaging must be empty (drop-free, when inverted)

**DISPOSAL METHODS**

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

**14 TRANSPORT INFORMATION**

UK ROAD CLASS	3		
PROPER SHIPPING NAME	FLAMMABLE LIQUID, N.O.S. (ACETONE, PROPAN-2-OL)		
UN NO. ROAD	1993	UK ROAD PACK GR.	II
ADR CLASS NO.	3	ADR CLASS	Class 3: Flammable liquids.
ADR PACK GROUP	II	HAZARD No. (ADR)	33
ADR LABEL NO.	3	HAZCHEM CODE	3YE

**Drywash II**

CEPIC TEC(R) NO.	30GF1-I+II, 30GF1-sp	RID CLASS NO.	3
RID PACK GROUP	II	UN NO. SEA	1993
IMDG CLASS	3	IMDG PAGE NO.	3
IMDG PACK GR.	II	EMS	F-E, S-E
MFAG	See Guide	MARINE POLLUTANT	No.
UN NO. AIR	1993	AIR CLASS	3
AIR PACK GR.	II		

**15 REGULATORY INFORMATION**

LABELLING



Harmful



Highly Flammable

CONTAINS

HEXANE-norm

RISK PHRASES

R11	Highly flammable.
R36	Irritating to eyes.
R48/20	Harmful: danger of serious damage to health by prolonged exposure through inhalation.
R62	Possible risk of impaired fertility.
R52/53	Harmful to aquatic organisms, may cause long-term adverse effects in the aquatic environment.
R66	Repeated exposure may cause skin dryness or cracking.
R67	Vapours may cause drowsiness and dizziness.

SAFETY PHRASES

S9	Keep container in a well-ventilated place.
S16	Keep away from sources of ignition - No smoking.
S25	Avoid contact with eyes.
S26	In case of contact with eyes, rinse immediately with plenty of water and seek medical advice.
S36/37	Wear suitable protective clothing and gloves.
S51	Use only in well-ventilated areas.
P11	Restricted to professional users.

**16 OTHER INFORMATION**

REVISION DATE

May 2007

RISK PHRASES IN FULL

R11	Highly flammable.
R36	Irritating to eyes.
R38	Irritating to skin.
R48/20	Harmful: danger of serious damage to health by prolonged exposure through inhalation.
R51/53	Toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment.
R62	Possible risk of impaired fertility.
R65	Harmful: may cause lung damage if swallowed.
R66	Repeated exposure may cause skin dryness or cracking.
R67	Vapours may cause drowsiness and dizziness.

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.