



## SAFETY DATA SHEET CHROMATECH

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

PRODUCT NAME CHROMATECH

SUPPLIER Dodge Company Ltd,  
Units 11/15 Ardglen Industrial  
Estate,  
Whitchurch, Hampshire,  
RG28 7BB, United Kingdom  
44 (0)1256-893883  
44 (0)1256-893868

PRODUCT NO. 109007

### 2 HAZARDS IDENTIFICATION

Toxic by inhalation, in contact with skin and if swallowed. Irritating to eyes, respiratory system and skin. May cause sensitisation by skin contact. Limited evidence of a carcinogenic effect. Harmful: possible risk of irreversible effects through inhalation, in contact with skin and if swallowed.

CLASSIFICATION (1999/45) T;R23/24/25. Xn;R68/20/21/22. Carc. Cat. 3;R40. Xi;R36/37/38. R43.

### 3 COMPOSITION/INFORMATION ON INGREDIENTS

Name	EC No.	CAS-No.	Content	Classification (67/548)
FORMALDEHYDE ...%	200-001-8	50-00-0	10-30%	Carc. Cat. 3;R40 T;R23/24/25 C;R34 R43
IGEPAL CO 630		68412-54-4	< 1%	Xn;R22. Xi;R36/37. N;R51/53.
METHANOL	200-659-6	67-56-1	5-10%	F;R11 T;R23/24/25,R39/23/24/25
SODIUM HYDROXIDE	215-185-5	1310-73-2	< 1%	C;R35

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. 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

# CHROMATECH

## 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 dry and cool place. Keep in original container.

### STORAGE CLASS

Toxic storage.

## 8 EXPOSURE CONTROLS/PERSONAL PROTECTION

Name	Std	TWA - 8 hrs		STEL - 15 min		Notes
FORMALDEHYDE ...%	WEL	2 ppm	2,5 mg/m3	2 ppm	2,5 mg/m3	
METHANOL	WEL	200 ppm(Sk)	266 mg/m3(Sk)	250 ppm(Sk)	333 mg/m3(Sk)	
SODIUM HYDROXIDE	WEL				2 mg/m3	

WEL = Workplace Exposure Limit.

### INGREDIENT COMMENTS

WEL = Workplace Exposure Limits

### 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	Opaque Liquid		
COLOUR	Red		
ODOUR	Mild (or faint). Pungent Perfume		
SOLUBILITY	Soluble in water.		
BOILING POINT (°C)	93-96 760 mm Hg	RELATIVE DENSITY	1.050-1.060 @ 20 °c
VAPOUR DENSITY (air=1)	>1	VOLATILE BY VOL. (%)	98
pH-VALUE, CONC. SOLUTION	8.5-9.5	FLASH POINT (°C)	63 CC (Closed cup).
FLAMMABILITY LIMIT - LOWER(%)	7	FLAMMABILITY LIMIT - UPPER(%)	73

## 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.

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

Toxic 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**

Toxic 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. Contact with concentrated chemical may very rapidly cause severe eye damage, possibly loss of sight.

**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.

**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**

UK ROAD CLASS	6.1		
PROPER SHIPPING NAME	TOXIC LIQUID, ORGANIC, N.O.S. (METHANOL)		
UN NO. ROAD	2810	UK ROAD PACK GR.	III
ADR CLASS NO.	6.1	ADR CLASS	Class 6.1: Toxic substances.
ADR PACK GROUP	III	TUNNEL RESTRICTION CODE	(E)
HAZARD No. (ADR)	60	ADR LABEL NO.	6.1
HAZCHEM CODE	2X	CEFIC TEC(R) NO.	61GT1-III
RID CLASS NO.	6.1	RID PACK GROUP	III
UN NO. SEA	2810	IMDG CLASS	6.1
IMDG PACK GR.	III	EMS	F-A, S-A
UN NO. AIR	2810	AIR CLASS	6.1
AIR PACK GR.	III		

**15 REGULATORY INFORMATION****LABELLING**

Toxic

**CHROMATECH**

CONTAINS FORMALDEHYDE 20.0396%  
METHANOL

## RISK PHRASES

R23/24/25 Toxic by inhalation, in contact with skin and if swallowed.  
R36/37/38 Irritating to eyes, respiratory system and skin.  
R40 Limited evidence of a carcinogenic effect.  
R43 May cause sensitisation by skin contact.  
R68/20/21/22 Harmful: possible risk of irreversible effects through inhalation, in contact with skin and if swallowed.

## SAFETY PHRASES

S25 Avoid contact with eyes.  
S26 In case of contact with eyes, rinse immediately with plenty of water and seek medical advice.  
S27 Take off immediately all contaminated clothing.  
S36/37/39 Wear suitable protective clothing, gloves and eye/face protection.  
S38 In case of insufficient ventilation, wear suitable respiratory equipment.  
S45 In case of accident or if you feel unwell, seek medical advice immediately (show label where possible).  
S60 This material and its container must be disposed of as hazardous waste.

## 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/EC.

## STATUTORY INSTRUMENTS

Chemicals (Hazard Information and Packaging) Regulations.

## APPROVED CODE OF PRACTICE

Classification and Labelling of Substances and Preparations Dangerous for Supply.

## GUIDANCE NOTES

Workplace 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.

REVISION DATE 11/08/2010

REV. NO./REPL. SDS GENERATED 3

## RISK PHRASES IN FULL

R34 Causes burns.  
R35 Causes severe burns.  
R22 Harmful if swallowed.  
R11 Highly flammable.  
R36/37 Irritating to eyes and respiratory system.  
R37 Irritating to respiratory system.  
R40 Limited evidence of a carcinogenic effect.  
R43 May cause sensitisation by skin contact.  
R23/24/25 Toxic by inhalation, in contact with skin and if swallowed.  
R51/53 Toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment.  
R39/23/24/25 Toxic: danger of very serious irreversible effects through inhalation, in contact with skin and if swallowed.

## DISCLAIMER

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