



**SAFETY DATA SHEET  
CHROMATECH**

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

PRODUCT NAME CHROMATECH  
 PRODUCT NO. 109007  
 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
FORMALDEHYDE ...%	200-001-8	50-00-0	20.5237%	Carc3;R40 T;R23/24/25 C;R34 R43
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

**3 HAZARDS IDENTIFICATION**

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

CLASSIFICATION T;R23/24/25. Xn;R68/20/21/22. Carc 3;R40. Xi;R36/37/38. R43. R10.

**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 (CO2).

**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, cool and well-ventilated place. Keep in original container.

**STORAGE CLASS**

Toxic storage.

**8 EXPOSURE CONTROLS/PERSONAL PROTECTION**

Name	Std	LT - ppm	LT - mg/m3	ST - ppm	ST - mg/m3
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

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

**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**

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

**15 REGULATORY INFORMATION**

**LABELLING**



Toxic

CONTAINS	FORMALDEHYDE 20.5237%
	METHANOL

**RISK PHRASES**

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.
R36/37/38	Irritating to eyes, respiratory system and skin.
R68/20/21/22	Harmful: possible risk of irreversible effects through inhalation, in contact with skin and if swallowed.
R10	Flammable.

**SAFETY PHRASES**

S26	In case of contact with eyes, rinse immediately with plenty of water and seek medical advice.
S27	Take off immediately all contaminated clothing.

