

Section 1: Identification of the substance/mixture and of the company/undertaking**1.1. Product identifier**

Product name: TS130/NC

Synonyms: EHC: 28611000000679

1.2. Relevant identified uses of the substance or mixture and uses advised against

Use of substance / mixture: PC9a: Coatings and paints, thinners, paint removers.

1.3. Details of the supplier of the safety data sheet

Company name: Robnor ResinLab Ltd

31 Athena Avenue

Elgin Industrial Estate

Swindon

Wiltshire

SN2 8EJ

United Kingdom

Tel: +44(0) 1793 823741

Fax: +44(0) 1793 827033

Email: eusds@robnor.co.uk**1.4. Emergency telephone number**

Emergency tel: +44(0) 1793 823741

(office hours only)

Section 2: Hazards identification**2.1. Classification of the substance or mixture**

Classification under CLP: Acute Tox. 4: H302+H312+H332; Carc. 2: H351; STOT SE 2: H371

Most important adverse effects: Harmful if swallowed, in contact with skin or if inhaled Suspected of causing cancer ([liver, oral]). May cause damage to organs (eyes) ([inhalation (vapour)]).

2.2. Label elements

Label elements:

Hazard statements: H302+H312+H332: Harmful if swallowed, in contact with skin or if inhaled

H351: Suspected of causing cancer ([liver, oral]).

H371: May cause damage to organs (eyes) ([inhalation (vapour)]).

Hazard pictograms: GHS07: Exclamation mark

GHS08: Health hazard

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Signal words: Warning

Precautionary statements: * P202: Do not handle until all safety precautions have been read and understood.

P260: Do not breathe vapours.

P280: Wear protective gloves/protective clothing/eye protection/face protection.

P301+P312: IF SWALLOWED: Call a POISON CENTRE or doctor if you feel unwell.

P330: Rinse mouth.

P302+P352: IF ON SKIN: Wash with plenty of water.

P304+P340: IF INHALED: Remove person to fresh air and keep comfortable for breathing.

P312: Call POISON CENTER/doctor if you feel unwell.

P308+P311: IF exposed or concerned: Call a POISON CENTER or doctor.

Haz. ingredients (label): DICHLOROMETHANE; METHANOL

2.3. Other hazards

PBT: This product is not identified as a PBT/vPvB substance.

Section 3: Composition/information on ingredients

3.2. Mixtures

Hazardous ingredients:

DICHLOROMETHANE

EINECS	CAS	PBT / WEL	CLP Classification	Percent
200-838-9	75-09-2	-	Carc. 2: H351	>90%

METHANOL - REACH registered number(s): 01-2119433307-44-XXXX

200-659-6	67-56-1	-	Flam. Liq. 2: H225; Acute Tox. 3: H331; Acute Tox. 3: H311; Acute Tox. 3: H301; STOT SE 1: H370	1-10%
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Section 4: First aid measures

4.1. Description of first aid measures

Skin contact: Wash immediately with plenty of soap and water. If irritation occurs or persists, seek medical attention. Transfer to hospital if necessary.

Eye contact: * Immediately remove contact lenses if present. Bathe the eye with running water for 15 minutes. Get medical attention if any discomfort continues.

Ingestion: * Do not induce vomiting. Wash out mouth with water. Transfer to hospital as soon as possible.

Inhalation: Remove casualty from exposure ensuring one's own safety whilst doing so. Move to fresh air in case of accidental inhalation of vapours. Transfer to hospital as soon as possible.

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4.2. Most important symptoms and effects, both acute and delayed

Skin contact: * There may be mild irritation at the site of contact. Harmful in contact with skin.

Eye contact: * There may be irritation and redness. There may be severe pain. The eyes may water profusely. The vision may become blurred.

Ingestion: * There may be vomiting. There may be soreness and redness of the mouth and throat. Nausea and stomach pain may occur. Harmful if swallowed.

Inhalation: * There may be irritation of the throat with a feeling of tightness in the chest. Exposure may cause coughing or wheezing. Absorption through the lungs can occur causing symptoms similar to those of ingestion. Harmful if inhaled.

Delayed / immediate effects: *

4.3. Indication of any immediate medical attention and special treatment needed

Immediate / special treatment: Show this safety data sheet to the doctor in attendance. Eye bathing equipment should be available on the premises.

Section 5: Fire-fighting measures

5.1. Extinguishing media

Extinguishing media: Suitable extinguishing media for the surrounding fire should be used. Use water spray to cool containers.

5.2. Special hazards arising from the substance or mixture

Exposure hazards: In combustion emits toxic fumes.

5.3. Advice for fire-fighters

Advice for fire-fighters: Wear self-contained breathing apparatus. Wear protective clothing to prevent contact with skin and eyes.

Section 6: Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures

Personal precautions: * Refer to section 8 of SDS for personal protection details. Mark out the contaminated area with signs and prevent access to unauthorised personnel. Ensure adequate ventilation.

6.2. Environmental precautions

Environmental precautions: Do not discharge into drains or rivers. Contain the spillage using bunding.

6.3. Methods and material for containment and cleaning up

Clean-up procedures: Absorb into dry earth or sand. Transfer to a closable, labelled salvage container for disposal by an appropriate method.

6.4. Reference to other sections

Reference to other sections: Refer to section 8 of SDS.

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Section 7: Handling and storage

7.1. Precautions for safe handling

Handling requirements: * Avoid the formation or spread of mists in the air. Avoid direct contact with the substance. Ensure there is sufficient ventilation of the area.

7.2. Conditions for safe storage, including any incompatibilities

Storage conditions: Store in a cool, well ventilated area. Keep container tightly closed.

Suitable packaging: Must only be kept in original packaging.

7.3. Specific end use(s)

Specific end use(s): PC9a: Coatings and paints, thinners, paint removers.

Section 8: Exposure controls/personal protection

8.1. Control parameters

Hazardous ingredients:

DICHLOROMETHANE

Workplace exposure limits:

Respirable dust

State	8 hour TWA	15 min. STEL	8 hour TWA	15 min. STEL
UK	350 mg/m ³	1060 mg/m ³	-	-

METHANOL

UK	200 ppm	250 ppm	266 mg/m ³	333 mg/m ³
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DNEL/PNEC Values

Hazardous ingredients:

METHANOL

Type	Exposure	Value	Population	Effect
DNEL	Inhalation	260 mg/m ³	Workers	Systemic
DNEL	Inhalation	260 mg/m ³	Workers	Local
DNEL	Dermal	40 mg/kg	Workers	Systemic
PNEC	Fresh water	20.8 mg/L	-	-
PNEC	Marine water	2.08 mg/L	-	-
PNEC	Microorganisms in sewage treatment	100 mg/L	-	-
PNEC	Fresh water sediments	77 mg/kg	-	-
PNEC	Marine sediments	7.7 mg/kg	-	-
PNEC	Soil (agricultural)	3.18 mg/kg	-	-

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8.2. Exposure controls

Engineering measures: * Ensure there is sufficient ventilation of the area.

Respiratory protection: * Self-contained breathing apparatus must be available in case of emergency. Suitable respiratory protection should be worn when there is inadequate ventilation.

Hand protection: Protective gloves.

Eye protection: Safety glasses. Ensure eye bath is to hand.

Skin protection: Protective clothing.

Section 9: Physical and chemical properties

9.1. Information on basic physical and chemical properties

State: Liquid

Colour: Colourless

Odour: * Pungent

Solubility in water: * Slightly soluble

Also soluble in: * Most organic solvents.

Viscosity: *

Vapour pressure: 355mm Hg

Relative density: 1.25

VOC g/l: >90%

9.2. Other information

Other information: No data available.

Section 10: Stability and reactivity

10.1. Reactivity

Reactivity: Stable under recommended transport or storage conditions.

10.2. Chemical stability

Chemical stability: Stable under normal conditions.

10.3. Possibility of hazardous reactions

Hazardous reactions: Hazardous reactions will not occur under normal transport or storage conditions.

Decomposition may occur on exposure to conditions or materials listed below.

10.4. Conditions to avoid

Conditions to avoid: Heat.

10.5. Incompatible materials

Materials to avoid: Strong oxidising agents. Strong reducing agents. Strong acids. Strong bases. Alkali metals.

10.6. Hazardous decomposition products

Haz. decomp. products: In combustion emits toxic fumes.

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Section 11: Toxicological information

11.1. Information on toxicological effects

Hazardous ingredients:

DICHLOROMETHANE

ORL	MUS	LD50	4770	mg/kg
ORL	RAT	LD50	5350	mg/kg
SCU	MUS	LD50	6460	mg/kg

METHANOL

DERMAL	RBT	LD50	15800	mg/kg
ORAL	RAT	LD50	5628	mg/kg
VAPOURS	RAT	4H LC50	83.87	mg/l

Relevant hazards for product:

Hazard	Route	Basis
Acute toxicity (ac. tox. 4)	INH DRM ING	Hazardous: calculated
Carcinogenicity	--	Hazardous: calculated
STOT-single exposure	-	Hazardous: calculated

Symptoms / routes of exposure

Skin contact: * There may be mild irritation at the site of contact. Harmful in contact with skin.

Eye contact: * There may be irritation and redness. There may be severe pain. The eyes may water profusely. The vision may become blurred.

Ingestion: * There may be vomiting. There may be soreness and redness of the mouth and throat. Nausea and stomach pain may occur. Harmful if swallowed.

Inhalation: * There may be irritation of the throat with a feeling of tightness in the chest. Exposure may cause coughing or wheezing. Absorption through the lungs can occur causing symptoms similar to those of ingestion. Harmful if inhaled.

Delayed / immediate effects: *

Section 12: Ecological information

12.1. Toxicity

Hazardous ingredients:

METHANOL

Daphnia magna	48H EC50	24500	mg/l
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RAINBOW TROUT (<i>Oncorhynchus mykiss</i>)	96H LC50	19000	mg/l
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12.2. Persistence and degradability

Persistence and degradability: * Not readily biodegradable.

12.3. Bioaccumulative potential

Bioaccumulative potential: * Bioaccumulation potential.

12.4. Mobility in soil

Mobility: * Partially soluble in water.

12.5. Results of PBT and vPvB assessment

PBT identification: This product is not identified as a PBT/vPvB substance.

12.6. Other adverse effects

Other adverse effects: * Avoid release to the environment.

Section 13: Disposal considerations

13.1. Waste treatment methods

Disposal operations: Transfer to a suitable container and arrange for collection by specialised disposal company.

Waste code number: * 08 04 09

Disposal of packaging: Arrange for collection by specialised disposal company.

NB: The user's attention is drawn to the possible existence of regional or national regulations regarding disposal.

Section 14: Transport information

14.1. UN number

UN number: UN1593

14.2. UN proper shipping name

Shipping name: DICHLOROMETHANE

14.3. Transport hazard class(es)

Transport class: 6.1

14.4. Packing group

Packing group: III

14.5. Environmental hazards

Environmentally hazardous: No

Marine pollutant: * No

14.6. Special precautions for user

Special precautions: No special precautions.

Tunnel code: E

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Transport category: 2

Section 15: Regulatory information

15.1. Safety, health and environmental regulations/legislation specific for the substance or mixture

Specific regulations: * This product is or contains a substance which is a restricted substance under REACH
Annex XVII - Conditions of restriction: Entry 59.

15.2. Chemical Safety Assessment

Chemical safety assessment: A chemical safety assessment has not been carried out for the substance or the mixture by the supplier.

Section 16: Other information

Other information

Other information: This safety data sheet is prepared in accordance with Commission Regulation (EU) No 2015/830.

* indicates text in the SDS which has changed since the last revision.

Phrases used in s.2 and s.3: H225: Highly flammable liquid and vapour.

H301: Toxic if swallowed.

H302+H312+H332: Harmful if swallowed, in contact with skin or if inhaled

H311: Toxic in contact with skin.

H331: Toxic if inhaled.

H351: Suspected of causing cancer ([liver, oral]).

H351: Suspected of causing cancer.

H370: Causes damage to organs.

H371: May cause damage to organs (eyes) ([inhalation (vapour)]).

Legal disclaimer: The above information is believed to be correct but does not purport to be all inclusive and shall be used only as a guide. This company shall not be held liable for any damage resulting from handling or from contact with the above product.