


Technic TR90

1. CHEMICAL PRODUCT & COMPANY IDENTIFICATION	
Manufacturer Techno Waxchem Private Limited 5th Floor, Hi Tech Chambers, 84/1B Topsia Road (S) Kolkata 700046, India Tel 91-33-2285 1278	Emergency Contact Chemtrec: 1-800-424-9300 (USA) (1)330-542-8400 (outside USA)
Trade Name(s): Technic TR90, Formaldehyde, polymer with 4-(1,1,3,3-tetramethylbutyl)phenol	Chemical Name: Alkyl Phenol Formaldehyde Resin
Relevant identified uses of the substance or mixture and uses advised against: No additional information available.	Application of the substance/the preparation: Chemical used in synthesis and/or formulation of industrial products.
Issued By: Sovereign Chemical Company (Distributor) 4040 Embassy Parkway, Suite 190 Akron, Ohio 44333	Date of Issue: March 1, 2025

2. HAZARDS IDENTIFICATION

Classification of the substance or mixture

Information in accordance with US 29 CFR 1910.1200 (Hazcom 2012), Regulation (EC) No 1272/2008, 1907/2006/EC (REACH), and GHS

Hazard Pictograms (CLP)	:  GHS07
Signal Word	: Warning
Hazard statements (CLP)	: H319 – Causes serious eye irritation, Category 2 H412 - Harmful to aquatic life with long lasting Effects, Category 3
Precautionary statements (CLP)	: P264 - Wash skin thoroughly after handling. P280 - Wear protective clothing, eye protection, face protection, protective gloves. P305 + P351 + P338 - IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. P337 + P313 - IF eye irritation persists: Get medical advice/attention. P501 - Dispose of contents/ container to an approved waste disposal plant. P273 - Avoid release to the environment.
Child-resistant fastening	: No
Other Hazard	: No additional information .

3. COMPOSITION/INFORMATION ON INGREDIENTS

Substance

Chemical Name	CAS No	EC No	Weight %	Classification
Formaldehyde, polymer with 4-(1,1,3,3-tetramethylbutyl)phenol	26678-93-3	607-986-7	≤100	H319 – Causes serious eye irritation, Category 2 H412 - Harmful to aquatic life with long lasting Effects, Category 3

The remaining unspecified ingredients are impurities and are not hazardous.

4. FIRST AID MEASURES

Description of first aid measures

First-aid measures general:	Never give anything by mouth to an unconscious person. If you feel unwell, seek medical advice.
First-aid measures after inhalation:	Allow breathing of fresh air. Allow the victim to rest.
First-aid measures after skin contact:	Remove affected clothing and wash all exposed skin area with mild soap and water, followed by warm water rinse.
First-aid measures after eye contact:	Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. If eye irritation persists: Seek immediate medical advice. Get medical advice/attention.
First-aid measures after ingestion:	Rinse mouth. Do NOT induce vomiting. Obtain emergency medical attention.

Most important symptoms and effects, both acute and delayed

Symptoms effects:	The most important known symptoms and effects are described in the labelling and/or in section 11.
-------------------	--

Indication of any immediate medical attention and special treatment needed

General:	No additional information available. Treat according to symptoms, no known specific antidote.
----------	---

5. FIRE FIGHTING MEASURES

Extinguishing media

Suitable extinguishing agents:	Foam. Dry powder. Carbon dioxide. Water spray. Sand.
Unsuitable extinguishing agents:	Not available

Special hazards arising from the substance or mixture

Fire Hazard: Combustible

Explosion Hazard: None

Advice for firefighters

General: Use water spray or fog for cooling exposed containers. Exercise caution when fighting any chemical fire. Prevent fire-fighting water from entering environment. Do not enter fire area without proper protective equipment, including respiratory protection.

6. ACCIDENTAL RELEASE MEASURES

Personal precautions, protective equipment and emergency procedures

Non-emergency personnel: Evacuate unnecessary personnel.

Emergency personnel: Equip cleanup crew with proper protection. Ventilate area.

Environmental precautions

General: Prevent entry to sewers and public waters. Notify authorities if liquid enters sewers or public waters. Avoid release to the environment.

Methods and material for containment and cleaning up

General: On land, sweep or shovel into suitable containers. Minimize generation of dust. Store away from other materials.

Reference to other sections

General: See Section 7 for information on safe handling.
See Section 8 for information on personal protection equipment.
See Section 13 for information on disposal

7. HANDLING AND STORAGE

Precautions for safe handling

Protective measures: Wash hands and other exposed areas with mild soap and water before eating, drinking or smoking and when leaving work. Provide good ventilation in process area to prevent formation of vapor.

General occupational hygiene: Wash hands thoroughly after handling.

Conditions for safe storage, including any incompatibilities

Storage: Keep only in the original container in a cool, well-ventilated place away from : Heat sources. Keep container closed when not in use.

Specific end use(s)

General: Not applicable

8. EXPOSURE CONTROLS - PERSONAL PROTECTION

Control Parameters

Occupational exposure limits: Not established.

Exposure controls

Appropriate engineering controls: Avoid all unnecessary exposure. Do not eat, drink or smoke during use. Handle in accordance with good industrial hygiene and safety practice.

Eye/face protection: Chemical goggles or safety glasses.

Hand protection: Wear protective gloves.

Body protection: Wear suitable protective clothing to prevent skin exposure.

Respiratory protection: Wear appropriate mask.

Thermal hazard: No other information available.

Environmental exposure controls: No other information available.

9. PHYSICAL AND CHEMICAL PROPERTIES

Information on basic physical and chemical properties

Form: Solid pastilles	Melting Point/Range: 85-95°C
Color: Yellow, Amber to brown	Boiling point/Range: No data available
Odor: Product specific	Explosive properties: Product is not explosive
Odor threshold: No data available	pH value: 4-7
Vapor Pressure: No data available	Flash point: ≥ 250 °C

Density: 1-1.06 g/cm ³ at 25 °C	Flammability: No data available
Bulk Density: No data available	Ignition temperature: Not available
Auto ignition temperature: No data available	Decomposition temperature: No data available
Solubility in / Miscibility with water: Insoluble Soluble in hydrocarbon-based solvent	Oxidizing properties: Non oxidizing
Partition coefficient (n-octanol/water): No data available	Evaporation rate: No data available
Viscosity Dynamic: Not applicable product is solid Kinematic: Not applicable product is solid	Explosion limits Lower: Not available Upper: Not available

10. STABILITY AND REACTIVITY

Reactivity

No additional information available.

Chemical stability

Not established.

Possibility of hazardous reactions

Strong acids.

Conditions to avoid

No additional information available.

Incompatible materials

No additional information available.

Hazardous decomposition products

No hazardous decomposition known. It is not a self-decomposition substance.

11. TOXICOLOGICAL INFORMATION

Information on toxicological effects

Acute toxicity:

Virtually non-toxic. Reference has been taken from the toxicological data of a similar product and based on available data; the classification criteria are not met.

Skin corrosion/irritation:

Not classified

	Reference has been taken from the toxicological data of a similar product and based on available data; the classification criteria are not met.
Serious eye damage/irritation:	Causes serious eye irritation. Reference has been taken from the toxicological data of a similar product.
Respiratory or skin sensitization:	Not classified Reference has been taken from the toxicological data of a similar product and based on available data; the classification criteria are not met.
Germ cell mutagenicity:	Not classified Reference has been taken from the toxicological data of a similar product and based on available data; the classification criteria are not met.
Carcinogenicity:	Not classified Reference has been taken from the toxicological data of a similar product and based on available data; the classification criteria are not met.
Reproductive toxicity:	Not classified Reference has been taken from the toxicological data of a similar product and based on available data; the classification criteria are not met.
STOT single exposure:	Not classified Reference has been taken from the toxicological data of a similar product and based on available data; the classification criteria are not met.
STOT multiple exposure:	Not classified Reference has been taken from the toxicological data of a similar product and based on available data; the classification criteria are not met.
Aspiration hazard:	Not classified Reference has been taken from the toxicological data of a similar product and based on available data; the classification criteria are not met.
Other hazards:	The substance/mixture does not contain components considered to have endocrine disrupting properties according to REACH Article 59(1) or Commission Delegated regulation (EU) 2017/2100 or Commission Regulation (EU) 2018/60.

12. ECOLOGICAL INFORMATION

Toxicity

General: No additional information available.

Persistence and degradability

Information: Not readily biodegradable. May cause long-term adverse effects in the environment.

Bioaccumulation potential

Information: Not established.

Mobility in soil

Information: No additional information available.

Results of PBT and vPVB assessment

Information: No additional information available.

Endocrine disrupting properties

Information: The substance/mixture does not contain components considered to have endocrine disrupting properties according to REACH Article 59(1) or Commission Delegated regulation (EU) 2017/2100 or Commission Regulation (EU) 2018/60.

Other adverse effects

Information: Avoid release to the environment.

13. DISPOSAL CONSIDERATIONS

Waste treatment methods

Methods: Dispose in a safe manner in accordance with local/national regulations. Avoid release to the environment.

14. TRANSPORTATION INFORMATION

UN-Number

DOT, ADR, ADN, IMDG, IATA Not regulated

UN proper shipping name

DOT, ADR, ADN, IMDG, IATA Not applicable

Transport hazard class(es)

DOT, ADR, ADN, IMDG, IATA Class Not applicable

Packing group	
DOT, ADR, IMDG, IATA	Not regulated
Environmental hazards	
Marine pollutant	No
Special precautions for user	Not applicable
Transport in bulk according to Annex II of MARPOL73/78 and the IBC Code UN "Model Regulation"	Not applicable

15. REGULATORY INFORMATION

Safety, health and environmental regulations/legislation specific for the substance

SARA Section 355 (extremely hazardous substances)	Not listed
SARA Section 313 (Specific toxic chemical listings)	Not listed
TSCA (Toxic Substances Control Act)	Listed
Proposition 65 (California)	
Chemicals known to cause cancer	Not listed
Chemicals known to cause reproductive toxicity for females	Not listed
Chemicals known to cause reproductive toxicity for males	Not listed
Chemicals known to cause developmental toxicity	Not listed
Carcinogenic Categories	
IARC (International Agency for Research on Cancer)	Not listed
TLV (Threshold Limit Value established by ACGIH)	Not listed
NIOSH-Ca (National Institute for Occupational Safety and Health)	Not listed
OSHA-Ca (Occupational Safety & Health Administration)	Not listed
Canada	
Canadian Domestic Substances List (DSL)	Listed
Canadian Ingredient Disclosure list (limit 0.1%)	Not listed
Canadian Ingredient Disclosure list (limit 1%)	Not listed
REACH	
REACH Candidate List	Not listed
REACH XIV List	Not listed

Contains no substance with Annex XVII restrictions.

Contains a substance on the REACH candidate list in concentration $\geq 0.1\%$ or with a lower specific limit: 4-(1,1,1,3,3-tetramethylbutyl)phenol (EC 205-462-2, CAS 140-66-9)

Chemical safety assessment: A Chemical Safety Assessment has not been carried out.

16. OTHER INFORMATION

This information is based on our present knowledge. However, this shall not constitute a guarantee for any specific product features and shall not establish a legally valid contractual relationship.