Safety Data Sheet

Terperes SA85

1. CHEMICAL PRODUCT & COMPANY IDENTIFICATION	
Manufacturer TWC Rajsha Chemicals Private, Ltd. 637 Lamdapura Road, At Manjusar, Ta Savli, Dlst Vadodara 391775, Gujarat, India Tel: +91 96620 49271	Emergency Contact Chemtrec: 1-800-424-9300 (USA) (1)330-542-8400 (outside USA)
Trade Name(s): Terperes SA85	Chemical Name: Hydrocarbon Resin
Relevant identified uses of the substance or mixture and uses advised against: Industrial uses: Uses of substances as such or in preparations at industrial sites.	Application of the substance/the preparation: No additional information available.
Issued By: Sovereign Chemical Company According to 1907/2006/EC (REACH), 1272/2008/EC (CLP), and GHS	Date of Issue: April 15, 2023

2. HAZARDS IDENTIFICATION

2.1 Classification of the substance or mixture
Information in accordance with US 29 CFR 1910.1200 (Hazcom 2012) and Regulation (EC) No 1272/2008

Physical hazards: Not classified.
Health hazards: Not classified.
OSHA defined hazards: Combustible dust

2.2 Label elements
The substance is classified and labeled according to the CLP regulation.

Hazard pictograms: None
Signal word: Warning
Hazard statements: May form combustible dust concentrations in air

Precautionary statements

Prevention: Keep away from heat/sparks/open flames/hot surfaces. - No smoking. Keep container tightly closed. Ground/bond container and receiving equipment. Prevent dust accumulation to minimize explosion hazard. Observe good industrial hygiene practices.

Response: Take off contaminated clothing and wash before reuse. In case of fire: Use appropriate media to extinguish.

Storage: Store away from incompatible materials.

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

2.3 Other hazards
Results of PBT and vPvB assessment
PBT: Not applicable.
vPvB: Not applicable.

3. COMPOSITION/INFORMATION ON INGREDIENTS

3.2 Substance

Chemical Name	CAS No	EC No	Weight %	Classification
Benzene, ethenyl-, polymer with (1-methylethenyl) benzene	9011-11-4	618-465-9	99-100%	May form combustible dust concentrations in air

The remaining unspecified ingredients are impurities and are not hazardous.

4. FIRST AID MEASURES

4.1 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 (show the label where possible).
First-aid measures after inhalation: Allow breathing of fresh air. Allow the victim to rest.
First-aid measures after skin contact: Wash with plenty of soap and water. Wash contaminated clothing before reuse.
If skin irritation occurs: Seek immediate medical advice. Get medical advice/attention. Specific treatment (see Rinse immediately with plenty of water (for at least 15 minutes), After contact with skin, take off immediately all contaminated clothing, and wash immediately with plenty of water.
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: Get medical advice/attention.
First-aid measures after ingestion : Rinse mouth. Do NOT induce vomiting. Obtain emergency medical attention.

4.2 Most important symptoms and effects, both acute and delayed
The most important known symptoms and effects are described in the labelling (see section 2.2) and/or in section 11
4.3 Indication of any immediate medical attention and special treatment needed
Treat symptomatically.

5. FIRE FIGHTING MEASURES

5.1 Extinguishing media
Suitable extinguishing agents: Water fog. Foam. Dry chemical powder. Carbon dioxide (CO2). Apply extinguishing media carefully to avoid creating airborne dust.

For safety reasons, unsuitable extinguishing agents: Do not use high-pressure water streams.

5.2 Special hazards arising from the substance or mixture
High concentration of airborne dust may form explosive mixture with air. Static charges generated by emptying package in or near flammable vapour may cause flash fire. During fire, gases hazardous to health may be formed. Upon decomposition, this product emits carbon monoxide, carbon dioxide and/or low molecular weight hydrocarbons.

5.3 Advice for firefighters
In case of fire and/or explosion do not breathe fumes. Wear suitable protective equipment. Move containers from fire area if you can do so without risk. Self-contained breathing apparatus and full protective clothing must be worn in case of fire.

Additional information: No further relevant information available.

6. ACCIDENTAL RELEASE MEASURES

6.1 Personal precautions, protective equipment and emergency procedures
Use respiratory protective device against the effects of fumes/dust/aerosol.
Avoid formation of dust.
Wear protective equipment. Keep unprotected persons away.
Ensure adequate ventilation.

6.2 Environmental precautions
Do not allow to enter sewers/surface or ground water.
Damp down dust with water spray.

6.3 Methods and material for containment and cleaning up
Eliminate all ignition sources (no smoking, flares, sparks, or flames in immediate area). Take precautionary measures against static discharge. Use only non-sparking tools. Avoid dispersal of dust in the air (i.e., clearing dust surfaces with compressed air). Stop the flow of material, if this is without risk.
Dispose contaminated material as waste according to Section 13.

6.4 Reference to other sections
See Section 7 for information on safe handling.
See Section 8 for information on personal protection equipment.
See Section 13 for disposal information.

7. HANDLING AND STORAGE

7.1 Precautions for safe handling
Minimize dust generation and accumulation. Avoid significant deposits of material, horizontal surfaces, which may become airborne and form combustible dust clouds and may contribute to secondary explosions. Routine housekeeping should be instituted to ensure the dusts do not accumulate on surfaces. Dry powders can build static electricity charges when subjected to the friction of transfer and mixing operations. Provide adequate precautions, such as electrical grounding and bonding, or inert atmospheres. Keep away from heat/sparks/open flames/hot surfaces. - No smoking. Explosion-proof general and local exhaust ventilation. Wear appropriate personal protective equipment. Avoid release to the environment. Observe good industrial hygiene practices. Follow all SDS/label precautions even after container is emptied because they may retain product residues.

7.2 Conditions for safe storage, including any incompatibilities
Storage
Requirements to be met by storerooms and receptacles
Avoid storage near extreme heat, ignition sources or open flame.
Protect from humidity and water.
Wash hands and other exposed areas with mild soap and water before eating, drinking, or smoking and when leaving work. Use an approved industrial vacuum cleaner for removal. Dust accumulations should be controlled through a comprehensive dust control program that includes, but is not limited to, source capture, inspection and repair of leaking equipment, routine housekeeping, and employee hazards training.
Use only with adequate ventilation.
Information about storage in one common storage facility
Store away from foodstuffs.
Do not store together with oxidizing and acidic materials.
Further information about storage conditions
Keep container tightly sealed.
Protect from humidity and water.
This product is hygroscopic.

7.3 Specific end use(s): No further relevant information available.

8. EXPOSURE CONTROLS - PERSONAL PROTECTION

Additional information about design of technical facilities: No further data; see Section 7.
8.1 Control parameters
It is recommended that the lower exposure levels be observed as reasonable worker protection.

8.2 Exposure controls
Personal protective equipment
General protective and hygienic measures
The usual precautionary measures are to be adhered to when handling chemicals.
Keep away from foodstuffs, beverages and feed.
Immediately remove all soiled and contaminated clothing.
Wash hands before breaks and at the end of work.
Avoid contact with the eyes and skin.
Do not inhale dust / smoke / mist.
Respiratory protection
Not required under normal conditions of use.
Use suitable respiratory protective device in case of insufficient ventilation.
Use suitable respiratory protective device when high concentrations are present.
For spills, respiratory protection may be advisable.
Protection of hands

Protective gloves

The glove material has to be impermeable and resistant to the product/ the substance/ the preparation.
Selection of the glove material on consideration of the penetration times, rates of diffusion and the degradation
Material of gloves
The selection of the suitable gloves does not only depend on the material, but also on further marks of quality and varies from manufacturer to manufacturer. As the product is a preparation of several substances,

the resistance of the glove material cannot be calculated in advance and has therefore to be checked prior to the application.
Penetration time of glove material
The exact break through time has to be found out by the manufacturer of the protective gloves and has to be observed.
Eye protection

Safety glasses

Body protection
Not required under normal conditions of use.
Protection may be required for spills.
Limitation and supervision of exposure into the environment: No further relevant information available.
Risk management measures
See Section 7 for additional information.
No further relevant information available.

9. PHYSICAL AND CHEMICAL PROPERTIES

9.1 Information on basic physical and chemical properties
General Information

Appearance Form: Solid. Color: Dark Amber Flakes.	Change in Condition Melting Point/Range: Not determined Boiling point/Range: Not determined.
Odor: Nil	Relative density: Not determined.
Odor threshold: Not determined.	pH value: Not determined.
Vapor Pressure: Not determined.	Flash point: > 425 ℃
Density at 20 °C: Not determined.	Flammability (solid, gaseous): Not applicable.
Vapor Density: Not determined.	Ignition temperature: Not determined
Evaporation rate: Not determined.	Decomposition temperature: Not determined
Solubility in / Miscibility with water: Not miscible or difficult to mix.	Self-igniting: Product is not self-igniting.
Partition coefficient (n0octanol/water): Not determined.	Danger of explosion: Product does not present an explosion hazard.
Viscosity Dynamic: Not determined. Kinematic: Not determined	Explosion limits Lower: Not determined. Upper: Not determined.

9.2 Other information: No further relevant information available.

10. STABILITY AND REACTIVITY

10.1 Reactivity

10.2 Chemical stability
Stable under normal conditions.

10.3 Possibility of hazardous reactions
Product will not undergo polymerization.

10.4 Conditions to avoid: Keep product away from extreme heat, sparks, open flame, and strongly oxidizing conditions.

10.5 Incompatible materials: No further relevant information available.

10.6 Hazardous decomposition products
Complete decomposition produces carbon dioxide, carbon monoxide and hydrocarbons.

11. TOXICOLOGICAL INFORMATION

11.1 Information on toxicological effects
Acute toxicity: Not classified.
Skin corrosion/irritation : Not classified
Serious eye damage/irritation : Not classified
Respiratory or skin sensitization : Inhalation of dust may irritate upper respiratory tract
Germ cell mutagenicity : Not classified
Based on available data, the classification criteria are not met
Carcinogenicity : Not classified
Based on available data, the classification criteria are not met
Reproductive toxicity : Not classified
Based on available data, the classification criteria are not met
Specific target organ toxicity (single exposure) : Not classified
Based on available data, the classification criteria are not met
Specific target organ toxicity (repeated exposure) : Not classified
Based on available data, the classification criteria are not met
Aspiration hazard : Not classified
Based on available data, the classification criteria are not met
Potential Adverse human health effects and symptoms : Based on available data, the classification criteria are not met.

12. ECOLOGICAL INFORMATION

12.1 Toxicity
Aquatic toxicity: The product contains materials that may be harmful to aquatic life.

12.2 Persistence and degradability: Not established.

12.3 Bioaccumulative potential: Not established.

12.4 Mobility in soil: No further relevant information available.

12.5 Results of PBT and vPvB assessment
PBT: Not applicable.
vPvB: Not applicable.

12.6 Other adverse effects: Avoid release to environment,

13. DISPOSAL CONSIDERATIONS

13.1 Waste treatment methods
Recommendation

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

14. TRANSPORTATION INFORMATION

14.1 UN-Number
DOT, ADR, ADN, IMDG, IATA Not regulated

14.2 UN proper shipping name
DOT, ADR, ADN, IMDG, IATA Not regulated

14.3 Transport hazard class(es)
DOT, ADR, ADN, IMDG, IATA Class Not regulated

14.4 Packing group
DOT, ADR, IMDG, IATA Not regulated

14.5 Environmental hazards
Marine pollutant No

14.6 Special precautions for user Not applicable

14.7 Transport in bulk according to Annex II of
MARPOL73/78 and the IBC Code Not applicable.
UN "Model Regulation"

15. REGULATORY INFORMATION

15.1 Safety, health and environmental regulations/legislation specific for the substance or mixture
United States (USA)

SARA Section 355 (extremely hazardous substances)	None of the ingredients is listed.
SARA Section 313 (Specific toxic chemical listings)	None of the ingredients is listed.
TSCA (Toxic Substances Control Act)	All ingredients are listed
Proposition 65 (California)	
Chemicals known to cause cancer	None of the ingredients is listed.
Chemicals known to cause reproductive toxicity for females	None of the ingredients is listed.
Chemicals known to cause reproductive toxicity for males	None of the ingredients is listed.
Chemicals known to cause developmental toxicity	None of the ingredients is listed.
Carcinogenic Categories	
EPA (Environmental Protection Agency)	None of the ingredients is listed.

IARC (International Agency for Research on Cancer)	None of the ingredients is listed.
TLV (Threshold Limit Value established by ACGIH)	None of the ingredients is listed.
NIOSH-Ca (National Institute for Occupational Safety and Health)	None of the ingredients is listed.
OSHA-Ca (Occupational Safety & Health Administration)	None of the ingredients is listed.
Canada	
Canadian Domestic Substances List (DSL)	All ingredients are listed.
Canadian Ingredient Disclosure list (limit 0.1%)	None of the ingredients is listed.
Canadian Ingredient Disclosure list (limit 1%)	None of the ingredients is listed.

15.2 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.