

Safety Data Sheet

DAUBERT
CHEMICAL COMPANY, INC.

Stock Number: 3213036
Revision Date: 06-28-2022
Replaces: 01-19-2021

TECTYL® 437D

1. Identification

Product identifier used on the label: TECTYL® 437D
Stock Number: 3213036

Other means of identification:
Synonyms: None
Chemical family: Mixture

Recommended use of the chemical and restrictions on use:
Recommended use: Corrosion Preventive Compound
Restrictions on use: Uses other than those described above

Name, address, and telephone number of the chemical manufacturer, importer, or other responsible party: Daubert Chemical Company
4700 S. Central Avenue
Chicago, IL 60638

Telephone number: 1-708-496-7350
E-mail address: SDS@Daubert.com

Emergency phone number: Chemtrec: (800) 424-9300 - in USA and Canada
+1-703-527-3887 - outside USA and Canada

2. Hazard(s) identification

Classification of the chemical in accordance with paragraph (d) of §1910.1200:

GHS Hazard Symbols:



GHS Classification: Skin Sensitization Category 1; Specific Target Organ Systemic Toxicity (STOT) - Repeated Exposure Category 2; Hazardous to the aquatic environment - Acute Category 3

Signal Word: Warning

Hazard Statements: May cause an allergic skin reaction
May cause damage to organs through prolonged or repeated exposure
Harmful to aquatic life

Unclassified Hazards (HNOC): Molten material can cause thermal burns. When heated, the vapors/fumes given off may cause respiratory tract irritation.

Precautionary Statements:
Prevention: Do not breathe dust/fume/gas/mist/vapors/spray.
Contaminated work clothing must not be allowed out of the workplace.
Avoid release to the environment.

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Response: Wear protective gloves/protective clothing/eye protection/face protection.
If on skin: Wash with plenty of water.
Get medical advice/attention if you feel unwell.
Specific treatment: see Section 4 on this SDS.
If skin irritation or rash occurs: Get medical advice/attention.
Wash contaminated clothing before reuse.

Disposal: Dispose of contents/container to a suitable disposal site in accordance with local/national/international regulations.

Hazards not otherwise classified: No data available

3. Composition/information on ingredients

Chemical Name	Common name and synonyms	CAS #	%
Sulfonic acids, petroleum, sodium salts	None	68608-26-4	5 - 10
Phenyl-alpha-naphthylamine	None	90-30-2	0.5 - 1.5

Specific chemical identity and/or exact percentage (concentration) of composition has been withheld as a trade secret.

4. First-aid measures

Description of necessary measures, subdivided according to the different routes of exposure, i.e., inhalation, skin and eye contact, and ingestion:

Inhalation: If symptoms are experienced remove source of contamination or move victim to fresh air and obtain medical advice.

Eye Contact: Flush eyes with plenty of water for at least 20 minutes retracting eyelids often. Tilt the head to prevent chemical from transferring to the uncontaminated eye. Get immediate medical attention.

Skin Contact: Wash with soap and water. Remove contaminated clothing and launder. Get medical attention if irritation develops or persists. If burned by contact with hot material, molten material adhering to skin should be cooled as quickly as possible with water and see a physician for removal of adhering material and treatment of burn.

Ingestion: Do not induce vomiting. Seek medical attention immediately. Provide medical care provider with this SDS.

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Most important symptoms/effects, acute and delayed:

May cause an allergic skin reaction May cause damage to organs through prolonged or repeated exposure

Indication of immediate medical attention and special treatment needed, if necessary:

Consult a physician. Treat symptomatically.

5. Fire-fighting measures

Suitable (and unsuitable) extinguishing media:

Suitable extinguishing media:

Use alcohol resistant foam, carbon dioxide, or dry chemical when fighting fires. Water or foam may cause frothing if liquid is burning but it still may be a useful extinguishing agent if carefully applied to the surface of the fire.

Unsuitable extinguishing media:

Do not use water jet as an extinguisher, as this will spread the fire.

Specific hazards arising from the chemical:

Material may be ignited only if preheated to temperatures above the high flash point, for example in a fire.

Hazardous combustion products:

Oxides of carbon, Oxides of nitrogen, Hydrocarbons, Sulfur oxides

Special protective equipment and precautions for fire-fighters:

Do not enter fire area without proper protection including self-contained breathing apparatus and full protective equipment. Use appropriate methods for the surrounding fire.

6. Accidental release measures

Personal precautions, protective equipment and emergency procedures:

Exposure to the spilled material may be irritating or harmful. Follow personal protective equipment recommendations found in Section 8 of this SDS. Additional precautions may be necessary based on special circumstances created by the spill including the material spilled, the quantity of the spill, the area in which the spill occurred. Also consider the expertise of employees in the area responding to the spill.

Methods and materials for containment and cleaning up:

Collect and discard in accordance with local, state and national regulations.

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7. Handling and storage

Precautions for safe handling: Avoid contacting and avoid breathing the material. Use only in a well-ventilated area. When heated, the vapor/fumes given off may cause respiratory tract irritation. Do not get in eyes, on skin and clothing. Wash thoroughly after handling. As with all chemicals, good industrial hygiene practices should be followed when handling this material. Avoid contact with molten material.

Conditions for safe storage, including any incompatibilities:

Safe storage conditions: Store in a cool dry ventilated location. Isolate from incompatible materials and conditions. Keep container(s) closed. Do not store in direct sunlight

Materials to Avoid/Chemical Incompatibility: Strong oxidizing agents, Strong acids

8. Exposure controls/personal protection

OSHA permissible exposure limit (PEL), American Conference of Governmental Industrial Hygienists (ACGIH) Threshold Limit Value (TLV), and any other exposure limit used or recommended by the chemical manufacturer, importer, or employer preparing the safety data sheet, where available:

Chemical component	OSHA PEL	ACGIH TLV	ACGIH STEL	IDLH
No data available				

Appropriate engineering controls: Local exhaust ventilation or other engineering controls are normally required when handling or using this product to avoid overexposure.

Individual protection measures, such as personal protective equipment:

Respiratory Protection: Under normal conditions, a respirator is not normally required. If vapors, mists or aerosols are generated, wear a NIOSH approved respirator.

Eye protection: Wear chemically resistant safety glasses with side shields when handling this product. Wear additional eye protection such as chemical splash goggles and/or face shield when the possibility exists for eye contact with splashing or spraying liquid, or airborne material. Do not wear contact lenses. Have an eye wash station available.

When handling material that is heated, wear chemically resistant safety glasses with side shields and a face shield.

Skin protection: Wear protective gloves. Inspect gloves for chemical break-through and replace at regular intervals. Clean protective equipment regularly. Wash hands and other exposed areas with mild soap and water before eating, drinking, and when leaving work.

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Gloves:	When handling material that has been heated, wear chemically resistant thermally insulating gloves, chemical resistant apron, long sleeves and other clothing as necessary to protect against thermal burns. Heat insulating chemically resistant gloves
Other protective equipment:	Wear chemically resistant safety glasses with side shields when handling this product. Wear additional eye protection such as chemical splash goggles and/or face shield when the possibility exists for eye contact with splashing or spraying liquid, or airborne material. Do not wear contact lenses. Have an eye wash station available. Wear protective gloves. Inspect gloves for chemical break-through and replace at regular intervals. Clean protective equipment regularly. Wash hands and other exposed areas with mild soap and water before eating, drinking, and when leaving work. When handling material that has been heated, wear chemically resistant thermally insulating gloves, chemical resistant apron, long sleeves and other clothing as necessary to protect against thermal burns. When handling material that is heated, wear chemically resistant safety glasses with side shields and a face shield.
General hygiene conditions:	When heated, the vapor/fumes given off may cause respiratory tract irritation. Do not get in eyes, on skin and clothing. Wash thoroughly after handling. As with all chemicals, good industrial hygiene practices should be followed when handling this material.

9. Physical and chemical properties

Appearance (physical state, color etc.):

Physical state:	Waxy Solid
Color:	Amber
Odor:	Petroleum Type Slight
Odor Threshold:	No data available
pH:	No data available
Melting point/freezing point (°C):	
Melting Point (°C):	No data available
Freezing point (°C):	No data available
Initial boiling point and boiling range (°C):	No data available
Flash Point:	350 °F (177 °C)
Evaporation Rate:	>1 (n-Butyl Acetate=1)

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Flammability (solid, gas):	No data available
Upper/lower flammability or explosive limits:	
Upper flammability or explosive limits:	No data available
Lower flammability or explosive limits:	No data available
Vapor pressure:	< 1 mmHg @ 20°C
Vapor density:	>1 (Air=1)
Relative density:	0.92
Solubility(ies):	Negligible; 0-1%
Partition coefficient: n-octanol/water:	No data available
Auto-ignition temperature (°C):	No data available
Decomposition Temperature (°C):	No data available
Viscosity:	> 1500 cSt @ 40°C
Volatiles, % by weight:	0.05
VOC, Material, lb/gal	0
VOC, Material, grams/liter	0
VOC minus exempt solvents & water, g/L	0

10. Stability and reactivity

Reactivity:	Not expected to be reactive
Chemical stability:	Hazardous polymerization will not occur.
Possibility of hazardous reactions:	Under normal conditions of storage and use, hazardous reactions will not occur.
Conditions to avoid (e.g., static discharge, shock, or vibration):	Temperatures above the high flash point of this combustible material in combination with sparks, open flames, or other sources of ignition.
Incompatible materials:	Strong oxidizing agents, Strong acids
Hazardous decomposition products:	Under normal conditions of use & storage, decomposition and hazardous decomposition products are unlikely.

11. Toxicological information

Description of the various toxicological (health) effects and the available data used to identify those effects:

Information on the likely routes of exposure (inhalation, ingestion, skin and eye contact):	Eye contact, Skin contact, Inhalation
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Symptoms related to the physical, chemical and toxicological characteristics:

May cause an allergic skin reaction. May cause damage to organs through prolonged or repeated exposure

Delayed and immediate effects and also chronic effects from short- and long-term exposure:

Ingestion Toxicity:

Estimated to be 2.0 - 5.0 g/kg; slightly toxic Not believed to have any significant toxicity.

Skin Contact:

May cause sensitization. May cause skin irritation. Allergic reactions are possible.

Inhalation Toxicity:

No data available

Eye Contact:

Contact with the eyes may cause moderate to severe eye injury. Eye contact may result in tearing and reddening, but not likely to permanently injure eye tissue. Temporary vision impairment (cloudy or blurred vision) is possible.

Sensitization:

May cause an allergic skin reaction

Mutagenicity:

No data

Reproductive and Developmental Toxicity:

No data available

Carcinogenicity:

There are no carcinogenic ingredients present at or over 0.1%.

STOT-single exposure:

Based on available data, the classification criteria are not met.

STOT-repeated exposure:

Classification has been based on toxicological information of the components in Section 3.

Aspiration hazard:

Based on available data, the classification criteria are not met.

Numerical measures of toxicity (such as acute toxicity estimates):

Chemical Name	LD50 Oral	LD50 Dermal	LC50 Inhalation
No data available			

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Is the hazardous chemical listed in the National Toxicology Program (NTP) Report on Carcinogens (latest edition) or has it been found to be a potential carcinogen in the International Agency for Research on Cancer (IARC) Monographs (latest edition), or by OSHA?:

Chemical Name	OSHA Carcinogen	IARC Carcinogen	NTP Carcinogen
No component of this product present at levels greater than or equal to 0.1% is identified as a known or anticipated carcinogen.			

12. Ecological information

Ecotoxicity (aquatic and terrestrial, where available): No data available

Ecological Toxicity Data:

Chemical Name	CAS #	Aquatic EC50 Crustacea	Aquatic ERC50 Algae	Aquatic LC50 Fish
Phenyl-alpha-naphthylamine	90-30-2	LC50(48HR) WATER FLEA 0.68 mg/L	No data available	LC50(96 HR) BLUEGILL SUNFISH 0.82 mg/L

Persistence and degradability: No data

Bioaccumulative potential: No data available

Mobility in soil: No data available

Other adverse effects (such as hazardous to the ozone layer): No data available

13. Disposal considerations

Description of waste residues and information on their safe handling and methods of disposal, including the disposal of any contaminated packaging: Spent or discarded material is non-hazardous according to environmental regulations.

Dispose of in accordance with Local and National regulations.

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14. Transport information

Domestic Ground in containers <= 119 GL	Corrosion preventive/Non-Hazardous
Domestic Ground in containers > 119 GL	Corrosion preventive/Non-Hazardous
Shipping name for Export, Air (IATA)	Corrosion preventive/Non-Hazardous
Shipping name for Export, Sea (IMDG)	Corrosion preventive/Non-Hazardous
Marine Pollutant?	No

15. Regulatory information

International Inventory

Country(s) or region		On inventory (yes/no)*
Australia	Australian Inventory of Chemical Substances (AICS)	Yes
Canada	Domestic Substances List (DSL)	Yes
Canada	Non-Domestic Substances List (NDSL)	No
China	Inventory of Existing Chemical Substances in China (IECSC)	Yes
Europe	European Inventory of Existing Commercial Chemical Substances (EINECS)	Yes
Europe	European List of Notified Chemical Substances (ELINCS)	No
Japan	Inventory of Existing and New Chemical Substances (ENCS)	Yes
Korea	Existing Chemicals List (ECL)	Yes
New Zealand	New Zealand Inventory	Yes
Philippines	Philippines Inventory of Chemicals and Chemical Substances (PICCS)	Yes
Taiwan	Taiwan Inventory	Yes

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United States & Puerto Rico	Toxic Substances Control Act (TSCA) Inventory	Yes
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*A "Yes" indicates that all components of this product comply with the inventory requirements administered by the governing country(s)

A "No" indicates that one or more components of the product are not listed or are unknown from listing on the inventory administered by the governing country(s).

Chemical Name	CAS #	Regulation	Percent
Benzo[j]fluoranthene	205-82-3	Prop. 65 - Cancer	<0.1
Contains no components from California Prop. 65 - Developmental/Reproductive list		Prop. 65 - Developmental and/or Reproductive	
Sodium hydroxide	1310-73-2	CERCLA	TRACE RQ = 1000 lbs.
No 313-listed chemicals in this product.		SARA 313	
No SARA 302 EHS-listed chemicals in this product.		SARA EHS	

16. Other information, including date of preparation or last revision.

SDS Prepared by: DAUBERT\HALINSKI

Revision Date: 06-28-2022

Revision Number: 35

Reason for revision: Reviewed
Approved: M. Duncan

Disclaimer: Although the information contained herein is believed to be reliable, it is furnished without warranty of any kind. This information is not intended to be all-inclusive as to the manner and conditions of use, handling, and storage.