

# Safety Data Sheet

Revision Date 06-08-2016  
Revision Number 8



## SECTION 1 Identification of the substance/mixture and of the company/undertaking

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### Product identification used on label

<b>Product identifier</b>	4110 TECTYL® 4110
<b>Details of the supplier of the safety data sheet</b>	Daubert Chemical Company 4700 S. Central Avenue Chicago, IL 60638 708-496-7350
<b>Emergency telephone number</b>	Chemtrec: (800) 424-9300
<b>Relevant identified uses of the substance or mixture and uses advised against</b>	Corrosion Preventive Compound

## SECTION 2 Hazards identification

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

**GHS** Not classified as hazardous under OSHA.

### Classification

**Hazard Statements** Molten material can cause thermal burns. When heated, the vapors/fumes given off may cause respiratory tract irritation.  
Not hazardous under OSHA regulations.

## SECTION 3 Composition/information on ingredients

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Chemical Name	CAS #	%
No Hazardous Components		

Note: Specific chemical identities and/or exact percentages have been withheld as a trade secret.

## SECTION 4 First aid measures

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<b>Inhalation</b>	If symptoms are experienced remove source of contamination or move victim to fresh air and obtain medical advice.
<b>Eyes</b>	Use an eye wash to remove a chemical from your eye regardless of the level of hazard. Flush the affected eye for at least twenty minutes. Tilt the head to prevent chemical from transferring to the uncontaminated eye. Seek medical advice after flushing.
<b>Skin Contact</b>	Wash with soap and water. 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.
<b>Ingestion</b>	Do not induce vomiting. Seek medical attention immediately. Provide medical care provider with this SDS.
<b>Most important symptoms/effects, acute and delayed</b>	See Section 11

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**Indication of immediate medical attention and special treatment needed** Treat symptomatically.

## SECTION 5 Firefighting measures

**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.

**Fire and/or Explosion Hazards** Material may be ignited only if preheated to temperatures above the high flash point, for example in a fire.

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

**Hazardous Combustion Products** Oxides of carbon, Hydrocarbons, Sulfur oxides

## SECTION 6 Accidental release measures

**Personal precautions, protective equipment and emergency procedures** No adverse health effects expected from the clean-up of spilled material. Follow personal protective equipment recommendations found in Section VIII of this SDS.

**Methods and materials for containment and cleaning up** Collect and discard in accordance with local, state and national regulations.

## SECTION 7 Handling and storage

**Precautions for safe handling** Avoid contacting and avoid breathing the material. Use only in a well ventilated area. Avoid contact with molten material. When heated, the vapor/fumes given off may cause respiratory tract irritation.

**Conditions for safe storage, including any incompatibilities** Store in a cool dry place. Isolate from incompatible materials.

**Incompatible materials** Strong oxidizing agents, Strong acids

## SECTION 8 Exposure controls/personal protection

### Control parameters

<u>Chemical Name</u>	<u>ACGIH TLV</u>	<u>ACGIH STEL</u>	<u>OSHA PEL</u>
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No exposure limits in vapor form

**Engineering Measures** Local exhaust ventilation or other engineering controls are normally required when handling or using this product to avoid overexposure.

**Respiratory Protection** Proper ventilation (at a minimum) will be required when handling this product. Use respirators (NIOSH approved) only if ventilation cannot be used to eliminate symptoms or reduce the exposure to below acceptable levels.

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<b>Eye Protection</b>	Wear chemical splash goggles when handling this product. Additionally, wear a face shield when the possibility of splashing of liquid exists. Do not wear contact lenses. Have an eye wash station available.
<b>Skin Protection</b>	Not normally considered a skin hazard. Where use can result in skin contact, practice good personal hygiene. 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.
<b>Gloves</b>	Heat insulating chemically resistant gloves

## SECTION 9 Physical and chemical properties (Typical, not specification)

<b>Physical State</b>	Solid (room temperature), molten liquid as applied
<b>Color</b>	Black
<b>Odor</b>	Slight Petroleum Type
<b>Odor Threshold</b>	No data available
<b>pH</b>	No data available
<b>Melting Point/freezing point, °C</b>	76
<b>Initial boiling point and boiling range, °C</b>	No data available
<b>Flash Point</b>	> 450 °F( 232 °C)
<b>Evaporation Rate</b>	<1 (n-Butyl Acetate=1)
<b>Flammability (Solid, Gas)</b>	No data available
<b>Lower Flammable/Explosive Limit, % in air</b>	No data available
<b>Upper Flammable/Explosive Limit, % in air</b>	No data available
<b>Vapor Pressure</b>	No data available
<b>Vapor Density</b>	No data available
<b>Specific Gravity @ 25°C</b>	0.92
<b>Solubility in Water</b>	Negligible; 0-1%
<b>Octanol/Water Partition Coefficient</b>	No data available
<b>Autoignition Temperature</b>	No data available
<b>Decomposition Temperature</b>	No data available
<b>Viscosity</b>	38 cSt (100°C)
<b>Volatiles, % by weight</b>	No data available
<b>VOC, lb/gal</b>	0.1
<b>VOC, grams/liter</b>	12.0
<b>VOC minus exempt solvents &amp; water, lb/gal</b>	0.1

## SECTION 10 Stability and reactivity

<b>Reactivity</b>	No data available
<b>Chemical stability</b>	Stable under normal conditions. Hazardous polymerization will not occur.
<b>Possibility of hazardous reactions</b>	Under normal conditions of storage and use, hazardous reactions will not occur.
<b>Incompatible materials</b>	Strong oxidizing agents, Strong acids

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**Hazardous decomposition products** Sulfur oxides, Under normal conditions of use & storage, decomposition and hazardous decomposition products are unlikely.

## SECTION 11 Toxicological information

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**Likely Routes of Entry** Inhalation, Skin contact, Eye contact  
**Target Organs Potentially Affected by Exposure** No organs known to be damaged from exposure to this product.  
**Chemical Interactions That Change Toxicity** No chemical interaction known to affect toxicity.

### Immediate (Acute) Health Effects by Route of Exposure

**Inhalation Irritation** Can cause minor respiratory irritation.  
**Skin Contact** Can cause minor skin irritation, defatting, and dermatitis.  
**Eye Contact** Mild eye irritant.  
**Ingestion Irritation** Ingestion is not considered a likely route of exposure. If swallowed, consult a physician.  
**Ingestion Toxicity** Not believed to have any significant toxicity.

### Long-Term (Chronic) Health Effects

**Carcinogenicity** Not listed by ACGIH, IARC, NIOSH, NTP OR OSHA.  
**Inhalation** Upon prolonged and/or repeated exposure, can cause minor respiratory irritation, dizziness, weakness, fatigue, nausea, and headache.  
**Skin Contact** Upon prolonged or repeated contact, can cause minor skin irritation, defatting, and dermatitis.  
**Ingestion** Under normal industrial usage conditions, ingestion is highly unlikely.

### Component Toxicology Data

Chemical Name	CAS Number	LD50/LC50
No data available		

## SECTION 12 Ecological information

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<b>Overview</b>	No ecological information available
<b>Mobility</b>	No data
<b>Persistence</b>	No data
<b>Bioaccumulation</b>	No data
<b>Degradability</b>	No data

### Ecotoxicity Data

Chemical Name	CAS Number	Aquatic EC50 Crustacea	Aquatic ERC50 Algae	Aquatic LC50 Fish
No data available				

## SECTION 13 Disposal considerations

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**Waste Description for Spent Product** Spent or discarded material is not expected to be a hazardous waste.  
**Disposal Methods** Dispose of in accordance with Local and National regulations.  
**Waste Disposal Code(s)** Not applicable

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## SECTION 14 Transport information

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**Full shipping name for Export, Air, Sea (any quantity unless flash pt. >150°F) or vessels of 119 GL or more** Rust Inhibitor / Non-Hazardous  
**Domestic Ground in vessels < 119 gal.** Not Hazardous

## SECTION 15 Regulatory information

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### Status of formula components on selected national regulatory inventories:

LIST	STATUS
TSCA	All components in this product are on the TSCA Inventory or exempt.
Canadian DSL	All chemical substances in this material are included on or exempted from listing on the Canadian DSL.

Chemical Name	CAS #	Regulation	Percent
<b>No CERCLA-listed chemicals in this product.</b>		CERCLA	
<b>No 313-listed chemicals in this product.</b>		SARA 313	
<b>No SARA 302 EHS-listed chemicals in this product.</b>		SARA EHS	

## SECTION 16 Other information

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**Date**

**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.

**Version** Reviewed

**Comments** Approved: M. Duncan