

Safety Data Sheet

Revision Date 07-27-2015
Revision Number 3



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

Product identification used on label

Product identifier	3141 TECTYL® 823EM
Details of the supplier of the safety data sheet	Daubert Chemical Company 4700 S. Central Avenue Chicago, IL 60638 708-496-7350
Emergency telephone number	Chemtrec: (800) 424-9300
Relevant identified uses of the substance or mixture and uses advised against	Corrosion Preventive Compound

SECTION 2 Hazards identification

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

GHS Classification	Not classified as hazardous under OSHA.
Hazard Statements	Not hazardous under OSHA regulations.

SECTION 3 Composition/information on ingredients

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

Inhalation	Remove to fresh air. If breathing is difficult, have a trained individual administer oxygen. If symptoms are experienced remove source of contamination or move victim to fresh air and obtain medical advice.
Eyes	Immediately 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 and monitor the eye daily as advised by your physician.
Skin Contact	Wash with soap and water. Remove contaminated clothing and laundry. Get medical attention if irritation develops or persists. Wash with soap and water. Get medical attention if irritation develops or persists.
Ingestion	Do not induce vomiting. Seek medical attention immediately. Provide medical care provider with this SDS.
Note to Doctor	Treat symptomatically.

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SECTION 5 Firefighting measures

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. Do Not direct a stream of water into the hot burning liquid.
Fire and/or Explosion Hazards	Material may be ignited only if preheated to temperatures above the high flash point, for example in a fire. Empty containers that retain product residue (liquid, solid/sludge, or vapor) can be dangerous. Do not pressurize, cut, weld, braze, solder, drill, grind, or expose container to heat, flame, sparks, static electricity, or other sources of ignition. Any of these actions can potentially cause an explosion that may lead to injury or death.
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	Hydrocarbons

SECTION 6 Accidental release measures

Personal precautions, protective equipment and emergency procedures	No health effects expected from the clean-up of this material, if contact can be avoided. 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	Mildly irritating material. Avoid unnecessary exposure. As with all chemicals, good industrial hygiene practices should be followed when handling this material.
Conditions for safe storage, including any incompatibilities	Store in a cool dry place. Isolate from incompatible materials.
Incompatible materials	Strong oxidizing agents

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.
Eye Protection	Wear safety glasses when handling this product.

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Skin Protection Not normally considered a skin hazard. Where use of product can result in skin contact, practice good personal hygiene and wear a barrier cream and/or impervious surgical style gloves. 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.

Gloves Neoprene

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

Physical State	Liquid
Color	Amber
Odor	Slight Solvent Odor
Odor Threshold	No data available
pH	No data available
Melting Point, °C	No data available
Boiling Point, °C	No data available
Flash Point	>= 395 °F(202 °C)
Evaporation Rate	<1 (n-Butyl Acetate=1)
Flammability (Solid, Gas)	No data available
Lower Flammable/Explosive Limit, % in air	No data available
Upper Flammable/Explosive Limit, % in air	No data available
Vapor Pressure	No data available
Vapor Density	>1 (Air=1)
Specific Gravity @ 25°C	0.88
Solubility in Water	Negligible; 0-1%
Octanol/Water Partition Coefficient	No data available
Autoignition Temperature	No data available
Decomposition Temperature	No data available
Viscosity	220 cSt @ 40°C
Volatiles, % by weight	No data available
VOC, lb/gal	0.03
VOC, grams/liter	3.6

SECTION 10 Stability and reactivity

Chemical stability	Stable under normal conditions. Hazardous polymerization will not occur.
Possibility of hazardous reactions	Under normal conditions of storage and use, hazardous reactions will not occur.
Incompatible materials	Strong oxidizing agents
Hazardous decomposition products	Decomposition and hazardous decomposition products are unlikely.

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SECTION 11 Toxicological information

Likely Routes of Entry	Skin 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.
Medical Conditions Aggravated	Skin contact may aggravate existing skin disease

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

Overview	No ecological information available
Mobility	No data
Persistence	No data
Bioaccumulation	No data
Degradability	No data

Ecotoxicity Data

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

SECTION 13 Disposal considerations

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

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 Regulated

SECTION 15 Regulatory information

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

Chemical Name	CAS #	Regulation	Percent
No 313-listed chemicals in this product		SARA 313	

SECTION 16 Other information

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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: J. Kump / M. Duncan