

# Safety Data Sheet

**DAUBERT**  
CHEMICAL COMPANY, INC.

Stock Number: 3084037  
Revision Date: 01-28-2019  
Replaces: 07-29-2016

## TECTYL® 300G CLEAR

### 1. Identification

Product identifier used on the label: TECTYL® 300G CLEAR  
Stock Number: 3084037

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

### 2. Hazard(s) identification

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

GHS Hazard  
Symbols:



GHS Classification: Serious Eye Damage/Eye Irritation Category 2A; Flammable Liquid Category 3

Signal Word: Warning

Hazard Statements: Flammable liquid and vapor  
Causes serious eye irritation

Unclassified Hazards (HNOC):: "DO NOT FREEZE"

Precautionary Statements:

Prevention: Keep away from heat/sparks/open flames/hot surfaces. – No smoking.  
Keep container tightly closed.  
Ground/bond container and receiving equipment.  
Use explosion-proof electrical/ventilating/lighting equipment.

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Use only non-sparking tools.

Take precautionary measures against static discharge.

Wash thoroughly after handling.

Wear protective gloves/protective clothing/eye protection/face protection.

**Response:**

If on skin (or hair): Take off immediately all contaminated clothing. Rinse skin with water/shower.

IF IN EYES: 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.

In case of fire: Use appropriate media to extinguish.

**Storage:**

Keep container tightly closed.

Store in a well-ventilated place. Keep cool.

**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 #	%
Ethylene glycol mono-n-butyl ether	None	111-76-2	10 - 30
sec-Butyl alcohol	None	78-92-2	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.

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**Skin Contact:**

Wash with soap and water. Remove contaminated clothing and launder. Get medical attention if irritation develops or persists.

**Ingestion:**

Do not induce vomiting and seek medical attention immediately. Provide medical care provider with this SDS. If vomiting occurs, lean victim forward to reduce risk of aspiration into lungs.

**Most important symptoms/effects, acute and delayed:**

Causes serious eye irritation

**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 extinguishing agents. Water may be ineffective but water spray can be used to extinguish a fire if swept across the base of the flames. Water can absorb heat and keep exposed material from being damaged by fire.

**Unsuitable extinguishing media:**

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

**Specific hazards arising from the chemical:**

Vapors may be ignited by sparks, flames or other sources of ignition if material is above the flash point giving rise to a fire (Class B). Vapors are heavier than air and may travel to a source of ignition and flash back.

**Hazardous combustion products:**

Oxides of carbon, Toxic fumes, Toxic gases, Hydrocarbons

**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. Fight fire from a safe distance and a protected location due to the potential of hazardous vapors and decomposition products.

## 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. Evaporation of volatile substances can lead to the displacement of air creating an environment that can cause asphyxiation.

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## Methods and materials for containment and cleaning up:

Prevent the spread of any spill to minimize harm to human health and the environment if safe to do so. Wear complete and proper personal protective equipment following the recommendation of Section VIII at a minimum. Dike with suitable absorbent material like granulated clay. Gather and store in a sealed container pending a waste disposal evaluation.

## 7. Handling and storage

### Precautions for safe handling:

Avoid contacting and avoid breathing the material. Use only in a well ventilated area. Remove contaminated clothing and wash before reuse. Ground and bond containers when transferring material. Wash thoroughly after handling. As with all chemicals, good industrial hygiene practices should be followed when handling this material. "Empty" containers retain product residue (liquid and/or vapor) and can be dangerous. Follow all SDS/label precautions even after container is emptied because it may retain product residues Do not use pressure to empty container. Use spark-proof tools and explosion-proof equipment. Do not get in eyes, on skin and clothing.

### 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. Keep from freezing. Limit quantity of material stored. Do not store near combustible materials Keep away from heat, sparks, and flame. Store in a cool place in original container and protect from sunlight. Store in a cool dry place.

#### Materials to Avoid/Chemical Incompatibility:

Strong alkalis, Acetic anhydride, Peroxides, 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
Ethylene glycol mono-n-butyl ether	50 ppm TWA; 240 mg/m <sup>3</sup> TWA	20 ppm TWA	No data available	No data available
sec-Butyl alcohol	150 ppm TWA	100 ppm TWA	No data available	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.

Facilities storing or using this material should be equipped with an eyewash and safety shower.

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Use process enclosures, local exhaust ventilation, or other engineering controls to control airborne levels below recommended exposure limits

Ventilation is required to maintain operator exposure below published exposure limits.

Explosion proof exhaust ventilation should be used.

Engineering controls must be designed to meet the OSHA chemical specific standard in 29 CFR 1910.

## Individual protection measures, such as personal protective equipment:

### 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. Wear a NIOSH approved respirator if any exposure is possible. Follow a respiratory protection program that meets 29 CFR 1910.134 and ANSI Z88.2 requirements whenever work place conditions warrant the use of a 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.

### 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.

### Gloves:

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.

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**General hygiene conditions:**

Keep in air-tight containers- material is hygroscopic. Remove contaminated clothing and wash before reuse. Ground and bond containers when transferring material. Wash thoroughly after handling. As with all chemicals, good industrial hygiene practices should be followed when handling this material. "Empty" containers retain product residue (liquid and/or vapor) and can be dangerous. Follow all SDS/label precautions even after container is emptied because it may retain product residues Do not use pressure to empty container. Use spark-proof tools and explosion-proof equipment. Do not get in eyes, on skin and clothing.

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**9. Physical and chemical properties**

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**Appearance (physical state, color etc.):**

**Physical state:** Liquid

**Color:** Amber

**Odor:** Ammonia

Slight

**Odor Threshold:** No data available

**pH:** 8.5

**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:** 136 °F( 58 °C)

**Evaporation Rate:** =1 (n-Butyl Acetate =1)

**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:** No data available

**Vapor density:** >1 (Air=1)

**Relative density:** 1.014

**Solubility(ies):** Complete; 100%

**Partition coefficient: n-octanol/water:** No data available

**Auto-ignition temperature (°C):** No data available

**Decomposition Temperature (°C):** No data available

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Viscosity:	45 sec, Zahn
Volatiles, % by weight:	72
VOC, Material, lb/gal	1.49
VOC, Material, grams/liter	179
VOC minus exempt solvents & water, g/l	396

## 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):	Sparks, open flame, other ignition sources, and elevated temperatures. Contamination.
Incompatible materials:	Strong alkalis, Acetic anhydride, Peroxides, 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:	Causes serious eye irritation
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Delayed and immediate effects and also chronic effects from short- and long-term exposure:

Ingestion Toxicity:	Harmful if swallowed.
Skin Contact:	Can cause moderate skin irritation, defatting, and dermatitis. Not likely to cause permanent damage.
Inhalation Toxicity:	Can cause systemic damage.
Eye Contact:	Can cause moderate irritation, tearing and reddening, but not likely to permanently injure eye tissue.
Sensitization:	None known

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<b>Mutagenicity:</b>	No data
<b>Reproductive and Developmental Toxicity:</b>	No data available
<b>Carcinogenicity:</b>	There are no carcinogenic ingredients present at or over 0.1%.
<b>STOT-single exposure:</b>	Based on available data, the classification criteria are not met.
<b>STOT-repeated exposure:</b>	Based on available data, the classification criteria are not met.
<b>Aspiration hazard:</b>	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
Ethylene glycol mono-n-butyl ether	Oral LD50 Rat = 1300 mg/kg	Dermal LD50 Rat 2000 mg/kg	Inhalation LC50 (1h) Guinea pig 3.1 mg/L
sec-Butyl alcohol	Oral LD50 Rat = 2193 mg/kg	Dermal LD50 Rat > 2000 mg/kg	

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
Ethylene glycol mono-n-butyl ether	111-76-2	EC50(48 HR) WATER FLEA > 1550 mg/L	EC50(72HR) GREEN ALGAE = 911 mg/L	LC50(96 HR) RAINBOW TROUT = 1474 mg/L
sec-Butyl alcohol	78-92-2	EC50(48 HR) Daphnia 308 mg/L	EC50(96HR) ALGAE 2029 mg/L	LC50(96 HR) FLATHEAD MINNOW 2993 mg/L

**Persistence and degradability:** No data



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**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 a hazardous waste. Dispose of by incineration following Federal, State, Local, or Provincial regulations.

**Waste codes / waste designations:** D001

## 14. Transport information

**Domestic Ground in containers <= 119 GL** Corrosion preventive/Non-Regulated

**Domestic Ground in containers > 119 GL** UN1268, PETROLEUM DISTILLATES, N.O.S.,(Butyl alcohol), Combustible liquid, PG III

**Shipping name for Export, Air (IATA)** UN1268, PETROLEUM DISTILLATES, N.O.S.,(Butyl alcohol),3, PG III

**Shipping name for Export, Sea (IMDG)** UN1268, PETROLEUM DISTILLATES, N.O.S.,(Butyl alcohol),3, PG III

**Marine Pollutant?** No

## 15. Regulatory information

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.

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Chemical Name	CAS #	Regulation	Percent
Contains no components from California Prop. 65 - Cancer list		Prop. 65 - Cancer	
Contains no components from California Prop. 65 - Developmental/Reproductive list		Prop. 65 - Developmental and/or Reproductive	
No CERCLA-listed chemicals in this product.		CERCLA	
Glycol ethers (N230)	111-76-2	SARA 313	10 - 30
sec-Butyl alcohol	78-92-2	SARA 313	1 - 5
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: 01-28-2019

Revision Number: 20

Reason for revision: Reviewed  
Approved: M. Longo

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