

Safety Data Sheet

Revision Date 06-29-2015
Revision Number 2



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

Product identification used on label

Product identifier	3268 TECTYL® 915W-40E2
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 oil

SECTION 2 Hazards identification

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

GHS Classification	Hazardous to the aquatic environment - Acute Category 2
Hazard Statements	Toxic to aquatic life.
Precautionary Statements	
Prevention	Avoid release to the environment.
Disposal	Dispose of contents/container in accordance with local/regional/national/international regulation for hazardous wastes.

SECTION 3 Composition/information on ingredients

Chemical Name	CAS #	%
Zinc Alkyldithiophosphate	84605-29-8	1 - 5
Alkylated phenol	121158-58-5	0.1 - 1

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

SECTION 4 First aid measures

Inhalation	If symptoms are experienced remove source of contamination or move victim to fresh air and obtain medical advice.
Eyes	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. Get medical attention if irritation develops or persists.
Ingestion	Ingestion is not a likely route of entry. If accidentally ingested, do not induce vomiting and seek medical attention immediately. Seek medical advice if symptoms persist
Note to Doctor	Treat symptomatically.

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SECTION 5 Firefighting measures

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.
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, Aldehydes, Hydrogen sulfide

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	Prevent the spread of any spill to minimize harm to the environment. Keep out of sewage systems and any water course. Absorb spill with liquid-binding material (sand, sawdust, etc.). Collect and discard in accordance with local, state and national regulations. Use an inert absorbent such as sand or vermiculite. Place in properly labeled closed container.

SECTION 7 Handling and storage

Precautions for safe handling	Mildly irritating material. Avoid unnecessary exposure.
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 chemically resistant safety glasses with side shields when handling this product. Do not wear contact lenses.
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.
Gloves	Nitrile

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

Physical State	Liquid
Color	Amber
Odor	Mild
Odor Threshold	No data available
pH	No data available
Melting Point, °C	No data available
Boiling Point, °C	No data available
Flash Point	>= 419 °F(215 °C)
Evaporation Rate	No data available
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
Specific Gravity @ 25°C	0.88
Solubility in Water	Insoluble
Octanol/Water Partition Coefficient	No data available
Autoignition Temperature	No data available
Decomposition Temperature	No data available
Viscosity	113 cSt @ 40°C
Volatiles, % by weight	No data available
VOC, lb/gal	No data available
VOC, grams/liter	No data available

SECTION 10 Stability and reactivity

Chemical stability	Stable under normal conditions.
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.

SECTION 11 Toxicological information

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	No hazard in normal industrial use.
Inhalation Toxicity	Non-Toxic. Not known to cause systemic damage.
Skin Contact	Can cause minor skin irritation, defatting, and dermatitis.
Eye Contact	No irritation hazard in normal industrial use.
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.

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Long-Term (Chronic) Health Effects

Carcinogenicity Not listed by ACGIH, IARC, NIOSH, NTP OR OSHA.

Reproductive and Developmental Toxicity No data available to indicate product or any components present at greater than 0.1% may cause birth defects.

Inhalation Upon prolonged and/or repeated exposure, no hazard in normal industrial use.

Skin Contact Upon prolonged or repeated contact, can cause minor skin irritation, defatting, and dermatitis.

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
Zinc Alkyldithiophosphate	84605-29-8	EC50 (48 hr) Water flea 23 mg/L	EC50 (72 hr) Green algae 21 mg/L	LC50 (96 hr) Rainbow trout 4.5 mg/L
Alkylated phenol	121158-58-5	EC50 (96 hr) Myside shrimp > 0.58 mg/L EC50 (48 hr) Daphnia 0.037 mg/L	EC50 (48 hr) Green algae 0.36 mg/L	EC50 (96 hr) Fathead minnow 40 mg/L

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

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-Regulated
Domestic Ground in vessels < 119 gal.	Not Regulated

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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
Zinc Compounds	84605-29-8	SARA 313	1 - 5

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 Original

Comments Approved: M. Duncan