Safety Data Sheet

Stock Number: 3270030
Revision Date: 06-27-2018
Replaces: 11-18-2016

TECTYL® 940E2

1. Identification

Product identifier used on the label: **TECTYL® 940E2**
Stock Number: 3270030

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

Recommended use of the chemical and restrictions on use:
Recommended use: Corrosion preventive oil

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: 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 Classification: Hazardous to the aquatic environment - Acute Category 3

Hazard Statements: Harmful to aquatic life

Unclassified Hazards (HNOC):: None Identified

Precautionary Statements:
Prevention: Avoid release to the environment.

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 #	%
Zinc Alkyldithiophosphate	None	84605-29-8	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. Get medical attention if irritation develops or persists.
Ingestion:	Do not induce vomiting. Seek medical attention immediately. Provide medical care provider with this SDS.
Most important symptoms/effects, acute and delayed:	See Section 11
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 water fog, foam, dry chemical or carbon dioxide (CO2) to extinguish flames.
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 if preheated to temperatures above the flash point in the presence of a source of ignition.
Hazardous combustion products:	Oxides of carbon, Aldehydes, Hydrogen sulfide
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.

Methods and materials for containment and cleaning up: Use an inert absorbent such as sand or vermiculite. Place in properly labeled closed container. 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 8 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. "Empty" containers retain product residue (liquid and/or vapor) and can be dangerous.

Conditions for safe storage, including any incompatibilities:

Safe storage conditions: Store in a cool dry place. Isolate from incompatible materials. Keep container closed when not in use.

Materials to Avoid/Chemical Incompatibility: Strong oxidizing agents

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:	No exposure limits exist for the constituents of this product. Use local exhaust ventilation or other engineering controls to minimize exposures and maintain operator comfort.

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.
Eye protection:	Wear safety glasses when handling this product.
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
Other protective equipment:	Wear safety glasses when handling this product.
	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.
General hygiene conditions:	"Empty" containers retain product residue (liquid and/or vapor) and can be dangerous.

9. Physical and chemical properties

Appearance (physical state, color etc.):	
Physical state:	Liquid
Color:	Amber
Odor:	Mild
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:	>= 437 °F(225 °C)
Evaporation Rate:	No data available
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:	No data available
Relative density:	0.896
Solubility(ies):	Insoluble
Partition coefficient: n-octanol/water:	No data available
Auto-ignition temperature (°C):	No data available
Decomposition Temperature (°C):	No data available
Viscosity:	139 cSt @ 40°C
Volatiles, % by weight:	15.28
VOC, Material, lb/gal	1.14
VOC, Material, grams/liter	136.61
VOC minus exempt solvents & water, g/l	136.67

10. Stability and reactivity

Reactivity:	Not expected to be reactive
Chemical stability:	Stable under normal conditions.
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
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
Symptoms related to the physical, chemical and toxicological characteristics:	No data available

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

Ingestion Toxicity:	No data available
Skin Contact:	Can cause minor skin irritation, defatting, and dermatitis.
Inhalation Toxicity:	No data available
Eye Contact:	Can cause minor irritation, tearing and reddening.
Sensitization:	None known
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:	Based on available data, the classification criteria are not met.
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			

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
There are no components that are known or reported to cause cancer			

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
Zinc Alkyldithiophosphate	84605-29-8	EC50(48 HR) WATER FLEA 23 mg/L	EC50(72HR) GREEN ALGAE 21 mg/L	LC50(96 HR) RAINBOW TROUT 4.5 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: Dispose of contents/container to a suitable disposal site in accordance with local/national/international regulations.

Dispose of in accordance with Local and National regulations.

Waste codes / waste designations: Not applicable

14. Transport information

Domestic Ground in containers <= 119 GL Lubricating Oil/Non-Hazardous

Domestic Ground in containers > 119 GL Lubricating Oil/Non-Hazardous

Shipping name for Export, Air (IATA) Lubricating Oil/Non-Hazardous

Shipping name for Export, Sea (IMDG) Lubricating Oil/Non-Hazardous

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.

Chemical Name	CAS #	Regulation	Percent
No CERCLA-listed chemicals in this product.		CERCLA	
Zinc Compounds	84605-29-8	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
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Reason for revision:	Reviewed Approved: M. Duncan
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