

Safety Data Sheet

Tec Shield

SECTION 1 – PRODUCT NAME AND COMPANY IDENTIFICATION

- 1.1 Product name: Tec Shield
General use: Cleaner and lubricant
Product description: Clear thin amber liquid
- 1.2 Manufacturer: Dooley Chemical, 2400 E. 24th St., Chattanooga, TN 37407
Telephone number: 423-624-0086
Emergency number: Chemtel, Inc. Worldwide Intl. + 01- 813-248-0585 North America 1-800-255-3924

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SECTION 2 – HAZARDOUS IDENTIFICATION



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- 2.1 Classification of the substance: Cat. 3, Skin Cat. 2A, Eye
2.2 Signal word: CAUTION
2.3 Hazard statement: H302: Harmful if swallowed.
H315: Causes skin irritation.
H319: Causes serious eye irritation.
2.4 Precautionary prevention statements: P264: Wash exposed skin thoroughly after handling.
P280: Wear protective gloves and clothing / eye protection / face protection
2.5 Precautionary response statements: P312: Call a POISON CENTER or doctor if you feel unwell.
P301, 330, 381: IF SWALLOWED: Rinse mouth. Do NOT induce vomiting.
P304, 340: IF INHALED: Remove victim to fresh air and rest in a position comfortable for breathing
P305, 351, 338: IF IN EYES: Rinse cautiously with water for several minutes.
P363: Wash contaminated clothing before reuse.
2.6 Precautionary disposal statement: P501: Dispose of contents / container in accordance with local / regional / national regulations.
2.7 NFPA / HMIS rating: 1, 0, 0, B

SECTION 3 - COMPOSITION / INFORMATION ON INGREDIENTS

- | 3.1 Hazardous components: | CAS # | % by wt. | OSHA PEL | | ACGIH TWA | | SARA Title III | RQ lbs |
|---------------------------|-------|----------|----------|-------------------|-----------|-------------------|----------------|--------|
| | | | PPM | mg/M ³ | PPM | mg/M ³ | | |
| NONE | | | | | | | | |

Ingredients not specifically listed are proprietary and/or nonhazardous.

SECTION 4 - FIRST AID MEASURES

- 4.1 Description of first aid measures
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|----------------------|--|
| General information: | Immediately remove any clothing soiled by this product. Always seek medical help for any over-exposure. |
| After inhalation: | In case of unconsciousness place victim stably on the side for transportation.
Supply fresh air, if required provide artificial respiration and keep victim warm. |
| After skin contact: | Rinse with water and seek medical help if necessary. |
| After eye contact: | Remove contact lenses if worn. Rinse opened eye for several minutes under running water. Seek medical advice if necessary. |
| After swallowing: | Do not induce vomiting, call for medical help immediately. Rinse out mouth and drink plenty of water. |

SECTION 5 - FIRE FIGHTING PROCEDURES

- 5.1 Extinguishing media: Carbon dioxide, water fog, chemical foam, dry chemical. Material is non-flammable.
5.2 General hazards: Avoid contact and conditions that would result in agitating of foaming the material.
5.3 Advice for firefighters: Protective equipment. Wear a self-contained respiratory apparatus if needed.
5.4 Unusual hazards: None
5.5 Firefighting procedures: Keep containers cool with water spray to prevent container rupture due to steam build up; floor will become slippery if material is released.
5.6 Decomposition compounds: Oxides of carbon, nitrogen, potassium, phosphorus, and sulfur may be released with sufficient thermal energy.

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SECTION 6 - ACCIDENTAL RELEASE MEASURES

- 6.1 Protective equipment and: Wear protective equipment. Keep unprotected persons away. Particular danger of slipping on leaked/spilled material
emergency procedures
- 6.2 Environmental precautions: Dilute spills with plenty of water and do not allow it to enter sewers, surface, or ground water.
- 6.3 Methods and materials for: Absorb with liquid binding material (sand, diatomite, universal binder, sawdust).
containment and clean up
- 6.4 Reference to other sections: See Section 7 for information on safe handling. See Section 8 for information on personal protection equipment.

SECTION 7 - HANDLING AND STORAGE

- 7.1 Precautions for safe handling: Ensure good ventilation / exhaust at the workplace. Prevent formation of aerosols or spills.
- 7.2 Conditions for safe storage: Store in a cool dry place in well-sealed containers.
- 7.3 Specific end uses: No further information is available.

SECTION 8 - EXPOSURE CONTROLS / PERSONAL PROTECTION

- 8.1 Exposure controls: General protective and hygienic measures: Keep away from foodstuffs, beverages, and feed. Remove and wash all soiled and contaminated clothing. Wash hands before breaks and at the end of work. Avoid direct contact with the eyes and skin.
- Respiratory equipment: None required unless product is aerated or sprayed.
- Protection of hands: Protective gloves that are impervious and resistant to the material such as neoprene, butyl, or nitrile with cuffs.
- Eye protection: Safety glasses and / or goggles with side shields.
- Body protection: Protective work clothing.

SECTION 9 - PHYSICAL AND CHEMICAL PROPERTIES

- 9.1 Appearance: Clear amber liquid
- Odor: Characteristic
- Odor threshold: ND
- pH: 7.5 – 9.0
- Kinematic viscosity: < 100 cSt
- Melting point / freezing point: < 0°C
- Initial boiling point and boiling range: > 100°C
- Flash point: > 240°C, ASTM D93
- Evaporation rate: ND
- Flammability (solid, gas): Not flammable
- Upper / lower flammability or explosive limits: ND
- Vapor pressure: ND
- Vapor density: ND
- Relative density: 0.90 @ 25°C
- Solubility: Dispersible in water
- Partition coefficient: n-octanol/water: ND
- Autoignition temperature: ND
- Decomposition temperature: ND

SECTION 10 - STABILITY AND REACTIVITY

- 10.1 Reactivity: No spontaneous reactivity.
- 10.2 Chemical activity: Thermal decomposition is possible at temperatures in excess of 600° F, no decomposition if used according to directions.
- 10.3 Possible hazardous reactions: None.
- 10.4 Conditions to avoid: No further relevant formation available.
- 10.5 Incompatible materials: Strong acids.
- 10.6 Decomposition products: Oxides of carbon, nitrogen, potassium, phosphorus, and sulfur.

SECTION 11 - TOXICOLOGICAL INFORMATION

- 11.1 Hazardous ingredients: CAS # EINECS # LD 50, species / route
- NONE

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SECTION 12 - ECOLOGICAL INFORMATION

12.1	Toxicity:	No aquatic toxicity data available.
12.2	Persistence and degradability:	Expected to be easily biodegradable based on composition.
12.3	Bioaccumulation potential:	Not expected to exhibit this behavior based on composition.
12.4	Soil mobility:	No specific data available.
12.5	General information:	No data are available on the adverse effects of this material on the environment. Neither COD nor BOD data are available. Based on the chemical composition of this product it is assumed that the mixture can be treated in an acclimatized biological waste treatment plant system in limited quantities. However, such treatment should be evaluated and approved for each specific biological system.

SECTION 13 - DISPOSAL CONSIDERATIONS

13.1	Waste treatment methods:	It is recommended that small amounts may be diluted with plenty of water and washed away. Dispose of bigger amounts in accordance with local authorities. Consult your local, state, or federal agency before disposing of any chemicals.
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SECTION 14 - TRANSPORTATION INFORMATION

14.1	UN number	None
14.2	DOT, ADR, IMDG, IATA	
14.2	Proper shipping name:	Liquid soap, N.O.S.
	DOT, ADR, IMDG, IATA	
14.3	Transportation class:	None
	DOT, ADR, IMDG, IATA	
14.4	Packing group:	Group III
	DOT, ADR, IMDG, IATA	
14.5	Environmental hazards:	None
	Marine	

Note: Transportation information is provided for reference only. Customer is urged to consult 49 CFR 100 - 177, IMDG, IATA, EC, United Nations TDG, and WHIMS (Canada) TDG information manuals for detailed regulations and exceptions covering specific container sizes, packaging materials, and methods of shipping.

SECTION 15 - REGULATORY INFORMATION

15.1	TSCA:	All components of this product are listed on the U.S. Toxic Substances Control Act Chemical Inventory (TSCA Inventory) or are exempted from listing because a Low Volume Exemption has been granted in accordance with 40 CFR 723.50.
15.2	SARA Title III:	None
15.3	CERCLA:	None
15.4	Clean Air Act:	No ingredients defined as Hazardous Air Pollutants or Stratospheric Ozone Depleting.
15.5	CA Prop 65:	None
15.6	Right-To-Know:	None
15.7	CPR classification	WHIMS classification; None
15.8	Canadian IDL:	Components of this product identified by CAS number and listed on the Canadian Ingredient Disclosure List are shown in Section 2.
15.9	Canada DSL/NDSL:	Components of this product identified by CAS number are listed on the DSL or NDSL or are otherwise in compliance with the New Substances Notification regulations. Only ingredients classified as "hazardous" are listed in Section 2 unless otherwise indicated.
15.10	EINECS	Components of this product identified by CAS number are on the European Inventory of Existing Commercial Chemical Substances.

SECTION 16 - OTHER INFORMATION

16.1	Risk phrases:	R46 / 37 / 38: Irritating to the eyes / respiratory system / skin
	Safety phrases:	S36 / 37 / 39: Wear protective clothing, gloves, and eye/face protection.

Symbol for label:



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