

SAFETY DATA SHEET

Product Name: **Tecnu® Detox Wipes™**
Tec Laboratories, Inc.

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Issue Date: 10 January 2022
Revision No. 00

1. IDENTIFICATION

Product name: Tecnu® Detox Wipes™
CAS number: Not available for this mixture
Chemical family: Detergent
Recommended use: Cleanser for removal of poison plant oils, and other oily substances
Manufacturer: Tec Laboratories, Inc.
7100 Tec Labs Way SW
Albany, Oregon 97321
Emergency telephone number: (541) 926-4577
24-Hour Emergency Assistance: 1-800-535-5053
Email: info@teclabsinc.com

2. HAZARD(S) IDENTIFICATION*

Classification: Flammable liquid, Category 3
Skin corrosion/irritation, Category 2
Eye damage/irritation, Category 2A

Symbol:



Signal word: Warning

Hazard statements: Flammable liquid and vapor
Causes skin irritation
Causes serious eye irritation

Precautionary Statements:

Prevention (Flammability)

Keep away from heat, sparks, open flames, and hot surfaces – No smoking.
Keep container tightly closed.
Use explosion-proof electrical, ventilating, and lighting equipment and non-sparking tools.
Take precautionary measures against static discharge.

Wear protective gloves/eye protection/face protection when handling in bulk and during prolonged use.

Prevention (Skin corrosion/irritation)

Wash sensitive skin thoroughly after handling.
Wear protective gloves when handling in bulk.

Prevention (Eye damage/irritation)

Wash hands thoroughly after handling.
Avoid applying in or near eyes.
Wear eye protection/face protection when handling in bulk.

*based on bulk formula only contained within wipe

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3. COMPOSITION/INFORMATION ON INGREDIENTS

Product name: Tecnu® Detox Wipes™
Hazardous ingredients: None

	CAS NUMBER	CHEMICAL NAME	PERCENT BY WEIGHT
Ingredients:	7732-18-5	Purified water	Trade secret*
	27252-75-1	Alkoxylated alcohol	Trade secret*
	5989-27-5	d-Limonene	Trade secret*
	68213-23-0	Ethoxylated fatty alcohol	Trade secret*
	61789-40-0	Cocamidopropyl betaine	Trade secret*
	56-81-5	Glycerin	Trade secret*
	122-99-6	2-Phenoxyethanol	Trade secret*
	1117-86-8	1,2-Octanediol	Trade secret*
	121-54-0	Benzethonium chloride	Trade secret*
	110-44-1	Sorbic acid	Trade secret*

*The specific chemical identity and/or exact percentage (concentration) of ingredient composition is withheld as a trade secret.

4. FIRST AID MEASURES

Skin: If on sensitive skin: take off contaminated clothing and rinse skin with water/shower for at least 15 minutes. Wash clothes before reuse. If skin irritation occurs: get medical advice/attention

Eyes: If in eyes: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do so. Continue rinsing. If eye irritation persists: Get medical advice/attention.

Inhalation: Not likely to occur. If inhaled: Remove to fresh air. Seek medical attention if respiratory irritation or distress continues.

Ingestion: If ingested: seek medical advice/attention immediately. Will cause nausea if swallowed. Stomach cramps may also occur. **DO NOT INDUCE VOMITING.**

NOTE TO PHYSICIAN: There is no specific antidote for other routes of entry. Treatment of over-exposure should be directed at the control of symptoms and the clinical solution.

5. FIREFIGHTING MEASURES

Extinguishing media: Fire-extinguishing powder, carbon dioxide, foam, water fog/haze
Unsuitable extinguishing agents: water stream.

Exposure hazards: Formation of toxic gases is possible during heating or in case of fire.

Firefighting procedures: Standard procedure for chemical fires. Cool endangered containers with water fog. Wear self-contained respiratory protective device. Wear fully protective suit, use personal protective equipment.

Combustion products: Carbon dioxide, carbon monoxide, amines, nitrates, nitrites

6. ACCIDENTAL RELEASE MEASURES

Personal precautions: Refer to Section 8 of the SDS for personal protection details

Environmental precautions: Do not allow to enter sewers/surface or ground water. Prevent from spreading (e.g. by damming-in or oil barriers). Inform respective authorities in case of

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seepage into water course or sewage system. Contaminated surfaces may become slippery.

Clean-up procedures: Absorb with non-combustible liquid-binding materials (sand, diatomite, universal binders). Absorbed material should be landfilled according to Federal, State and local regulations

7. HANDLING AND STORAGE

Handling requirements: Keep away from heat, sparks, and flame. Normal measure for preventive fire protection. Avoid contact with eyes.

Storage conditions: Store between 59 - 86°F (15 - 30°C) in original closed container. Store in an area that is dry and well-ventilated.

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

Exposure limits: This product does not contain any relevant quantities of materials with critical values that have to be monitored at the workplace.

Respiratory protection: None required for normal use

Hand protection: None required for normal use

Eye protection: Avoid contact with eyes

Skin protection: None required for normal use

When handling in bulk: Wash hands before breaks and at the end of work. Do not inhale gases/fumes. Avoid contact with the eyes. For prolonged or repeated contact use protective gloves. In the case of vapor formation, use a respirator with an approved filter within the capabilities of the respirator/filter combinations.

9. PHYSICAL AND CHEMICAL PROPERTIES

State: Liquid

Color: Clear, Colorless to Cloudy

Odor: Citrus

Odor threshold: Not available

pH: About 4.5

Melting point: Not available

Freezing point: Not available

Boiling point: 95.3°C (ASTM D93)

Flash point (closed cup): 53.5°C (ASTM D93)

Sustained Burning: Does not sustain burning (ASTM D4206)

Evaporation rate: Not available

Solubility(ies): 100% (by weight in water)

Flammability (solid, gas): Not applicable

Flammability limits: Not available

Explosion limits: Not available

Vapor pressure: Not available

Vapor density: Not available

Partition coefficient: Not available

Specific gravity: 0.9979 @ 25°C

Viscosity: Non-viscous

Auto-ignition temperature: Unknown

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Density: 8.33 lbs/gallon
Decomposition temperature: Not available

10. STABILITY AND REACTIVITY

Stability: Stable under recommended storage conditions
Reactivity: No decomposition if used and stored according to specifications
Possibility of hazardous reactions: Flammable. Used empty containers may contain product gases which form explosive mixtures with air. Can form explosive mixtures in air if heated above flash point and/or when sprayed or atomized. Toxic fumes may be released if heated above the decomposition
Conditions to avoid: Excessive heat, freezing
Materials to avoid: Oxidizers, reducing agents, strong acids, strong bases
Hazardous decomposition products: Under fire conditions only: carbon monoxide and carbon dioxide, amines, nitrates, nitrites
Hazardous polymerization: No data available

11. TOXICOLOGICAL INFORMATION

Primary routes of entry: Skin, eyes, ingestion
Acute oral toxicity: No data available
Acute dermal toxicity: No data available
Skin corrosion/irritation: EpiDerm Irritation Testing, 2.1 hr. response, moderately irritating
Eye damage/irritation: EpiOcular Irritation Testing, Draize ocular irritation score 102.5, extremely irritating
Respiratory/Skin sensitization: No data available
Acute inhalation toxicity: No data available
Germ cell mutagenicity: No data available
Carcinogenicity: Not listed as a cancer-causing agent by NTP, IARC, or OSHA
Reproductive toxicity: No data available
STOT-single exposure: No data available
STOT-repeated exposure: No data available
Aspiration hazard: No data available
Potential health effects: Skin: may cause moderate irritation on sensitive skin
Eyes: may cause extreme irritation
Signs and Symptoms of Exposure: May cause moderate irritation of the eyes. Extended use may cause drying of the skin. Prolonged contact may cause dermatitis or chemical burns on sensitive skin. Nausea and/or stomach cramps may occur if swallowed.
Occupation Exposure Limit: Not established

12. ECOLOGICAL INFORMATION

Toxicity: Ingredients d-limonene and Optiphen PLUS (containing 2-phenoxyethanol, 1,2-octanediol, and sorbic acid), and alkoxyated alcohol are toxic to aquatic life with long lasting effects. Avoid transfer into the environment. The following table lists the individual materials ecotoxicity values. See individual safety data sheets for additional information.

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CAS No.	LC50, Pimphases promelas	EC50 daphnia
5989-27-5	<1ml/l (exposure time unspecified)	0.307ml/l (exposure time unspecified)
122-99-6	337-352 mg/l (96 hr)	>500 mg/l (48 hr)
1117-86-8	> 2.2 - < 22.2 mg/l (96 hr)	176 mg/l (48 hr)
110-44-1	75 mg/l (96 hr)	70 mg/l (48 hr)
27252-75-1	NA	100 mg/l (48 hr)
61789-40-0	NA	6.5 mg/l (48 hr)

Persistence and biogradability: No data available
Mobility: No data available
Other adverse effects: No data available

13. DISPOSAL CONSIDERATIONS

Disposal methods: Absorbed materials should be landfilled in closed containers according to Federal, State and local regulation.

14. TRANSPORT INFORMATION

USDOT/PHMSA: This product was tested according to ASTM D 4206, Standard Test Method for Sustained Burning of Liquid Mixtures Using the Small Scale Open-Cup Apparatus. The results of that test indicate this product is not able to sustain combustion.

Pursuant to 49 CFR 173.121(a)(3), a liquid with a flashpoint greater than 35°C (95°F) that does not sustain combustion according to ASTM D 4206 is not subject to classification as a Class 3 Flammable Liquid. The flash point of this product (see section 9 of this SDS) is greater than 35°C (95°F). Therefore, this product is not subject to classification as a Class 3 Flammable Liquid.

Since this product meets no other criteria for regulation as a hazardous material, it is not subject to regulation under the USDOT/PHMSA Hazardous Materials Regulations

ICAO/IATA: This product was tested according to the Sustained Combustibility Test prescribed in the UN Manual of Tests and Criteria, part III, subsection 32.5.2. The results of that test indicate this product is not able to sustain combustion. Pursuant to 3.3.1.3(a) of the IATA Dangerous Goods Regulations, a liquid with a flash point greater than 35°C that does not sustain combustion according to the UN Manual of Tests and Criteria, part III, subsection 32.5.2 is not subject to classification as a Class 3 Flammable Liquid. The flash point of this product (see section 9 of this SDS) is greater than 35°C (95°F). Therefore, this product is not subject to classification as a Class 3 Flammable Liquid.

Per 3.9.2.4.1 of the IATA Dangerous Goods Regulations D-limonene (a component of this product) may meet the criteria for an Environmentally Hazardous Substance – Aquatic Environment.

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Per 7.1.5.3.1, Note 2 and special provision A197, an Environmentally Hazardous Substance in a packaging of ≤5 L or 5 kg is not subject to regulation.

Since this product meets no other criteria for regulation as a dangerous good, it is not subject to regulation under the IATA Dangerous Goods Regulations.

IMO: This product was tested according to the Sustained Combustibility Test prescribed in the UN Manual of Tests and Criteria, part III, subsection 32.5.2. The results of that test indicate this product is not able to sustain combustion. Pursuant to 2.3.1.3.1 of the IMO Dangerous Goods Code, a liquid with a flash point greater than 35 °C that does not sustain combustion according to the UN Manual of Tests and Criteria, part III, subsection 32.5.2 is not subject to classification as a Class 3 Flammable Liquid. The flash point of this product (see section 9 of this SDS) is greater than 35°C (95°F). Therefore, this product is not subject to classification as a Class 3 Flammable Liquid.

Per 2.10.2 of the IMO Dangerous Goods Code d-limonene (a component of this product) may meet the criteria for a Marine Pollutant.

Per 2.10.2.7 a marine pollutant in a packaging of ≤5 L or 5 kg is not subject to regulation as a marine pollutant

Since this product meets no other criteria for regulation as a dangerous good, it is not subject to regulation under the IMO Dangerous Goods Code.

NOTE: Please consult 49 CFR Subchapter C to ensure subsequent shipments comply with regulation.

15. REGULATORY INFORMATION

This SDS was prepared in accordance with 29CFR 1910.1200 OSHA Hazard Communication

16. OTHER INFORMATION

Revision date: 10 January 2022
Revision indicator: New Safety Data Sheet
Disclaimer: The information contained herein is accurate to the best of our knowledge. Tec Laboratories, Inc. makes no warranty of any kind, expressed or implied, concerning the safe personal use of this material or in combination with other substances. Please refer to the product label for complete directions for use and additional warning information. Tec Labs will not accept liability for damage or injury resulting from misuse.