

## DREXEL PINENE™ II

### SECTION 1: MATERIAL IDENTIFICATION

**Product Name:** Drexel Pinene™ II  
**Product Usage:** Extender, sticker, film former  
**Manufacturer:** Drexel Chemical Company  
**Address:** 1700 Channel Avenue  
 PO Box 13327  
 Memphis, Tennessee, 38113-0327, USA  
 901-774-4370

**Emergency Telephone Numbers:** CHEMTREC 800-424-9300  
 DREXEL CHEMICAL COMPANY 901-774-4370

### SECTION 2: HAZARD IDENTIFICATION

(As defined by the OSHA Hazard Communication Standard, 29)

**Label Elements:**  
**Signal Word:**

**WARNING**



**Classifications:**

<b>Hazard Class:</b>	<b>Toxicity Study:</b> Acute Toxicity, Oral Skin corrosion/ irritation Serious eye damage / Irritation	<b>Category:</b> Category 4 Category 2 Category 2B
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**Hazard Statements:**

<b>H Code:</b>	<b>Statement:</b>
H302	Harmful if swallowed
H315	Causes skin irritation
H320	Causes eye irritation

**Precautionary Statements:**

**Prevention:** Obtain special instructions before use.  
 Do not handle until all safety precautions have been read and understood.  
 Wash face, hands and any exposed skin thoroughly after handling.  
 Do not eat, drink or smoke when using this product.  
 Wear protective gloves/protective clothing/eye protection/face protection.  
 Avoid breathing dust/fume/gas/mist/vapors/spray.  
 Use only outdoors or in a well-ventilated area.  
 In case of inadequate ventilation, wear respiratory protection.  
 Avoid release into the environment.

**Response:**

<b>If in Eyes:</b>	Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do so. Continue rinsing. Get immediate medical advice/attention.
<b>If Swallowed:</b>	Call a POISON CENTER or doctor/physician if you feel unwell. Treat symptomatically.
<b>If Inhaled:</b>	Remove person to fresh air and keep comfortable for breathing. Call POISON CENTER or doctor if you feel unwell.
<b>If on Skin or Clothing:</b>	Wash with plenty of water. If skin irritation or rash occurs: Get medical advice/attention. Take off contaminated clothing and wash it before reuse.
<b>If exposed or concerned:</b>	None available, get medical attention.

**Storage:** Store in a well-ventilated place. Keep container tightly closed. Store locked up.

**Disposal:** Dispose of contents/container in accordance with your local or area regulatory authorities.

**Specific hazards:** None available.

**SECTION 3: COMPOSITION INFORMATION**

<u>Chemical Name:</u>	<u>Synonym:</u>	<u>CAS No.:</u>	<u>EC No.:</u>	<u>RTECS:</u>	<u>% By Wt.:</u>
<b>Active Ingredients:</b> Polymeric terpenes	alpha-pinene and beta-pinene oligomers	31393-98-3	608-613-0	N/A	96.0%
<b>Inert Ingredients:</b>	Proprietary mixture	N/A	N/A	N/A	4.0%

**SECTION 4: FIRST-AID MEASURES**

Have the product container or label with you when calling a poison control center or doctor or going for treatment. You may also call CHEMTREC at 800-424-9300 for emergency medical treatment information.

**Eye Contact:** Hold eye open and rinse slowly and gently with water for 15 to 20 minutes. Remove contact lenses, if present, after the first 5 minutes, then continue rinsing eye. Call a poison control center or doctor for treatment advice.

**If Swallowed:** Call a poison control center or doctor immediately for treatment advice. Have person sip a glass of water if able to swallow. Do not induce vomiting unless told to do so by a poison control center or doctor. Do not give anything by mouth to an unconscious person.

**Skin/Clothing Contact:** Take off contaminated clothing. Rinse skin immediately with plenty of water for 15 to 20 minutes. Call a poison control center or doctor for treatment advice.

**If Inhaled:** Move person to fresh air. If person is not breathing, call 911 or an ambulance, then give artificial respiration, preferably mouth-to-mouth, if possible. Call a poison control center or doctor for further treatment advice.

**Indication of Medical Attention and Special Treatment Needed:** None / Treat symptomatically.

**SECTION 5: FIRE FIGHTING MEASURES**

**Fire Fighting Media:** Water Spray, Foam, CO2, dry chemical

**Fire Fighting Procedures:** Keep people away. Isolate fire and deny unnecessary entry. Evacuate the area and fight the fire from upwind at a safe distance to avoid hazardous vapors or decomposition products. Cool containers with water if possible. Dike and collect fire-extinguishing water to prevent environmental damage and excessive waste runoff.


**Special Protective Equipment for Firefighters:** Wear positive-pressure self-contained breathing apparatus (SCBA) and protective firefighting clothing (includes firefighting helmet, coat, trousers, boots, and gloves). Use full face shield and operate in positive pressure mode. Avoid contact with this material during firefighting operations. If contact is likely, change to full chemical resistant firefighting clothing with self-contained breathing apparatus. If this is not available, wear full chemical resistant clothing with self-contained breathing apparatus and fight fire from a remote location. For protective equipment in post-fire or non-fire clean-up situations, refer to the relevant sections.

**Specific Fire Hazards:** Flammability classification (OSHA 29 CFR 1910.1200): Non-combustible  
Flash point: > 270°F  
Lower flammable limit (% by volume): N/Av  
Upper flammable limit (% by volume): N/Av

Can be dangerous when exposed to extreme heat and flame. Do not breathe mist/vapors/spray.

**Hazardous Combustion Products:** Hazardous combustion products: None / Not available

**National Fire Protection Association:**

<b>NFPA:</b>	<b>Health</b>	<b>Fire</b>	<b>Reactivity</b>		
	2	1	0		
<b>Ratings:</b>	4-Extreme	3-High	2-Moderate	1-Slight	0-Insignificant

## SECTION 6: ACCIDENTAL RELEASE MEASURES

**Personal Precautions:**

Isolate area. Keep unnecessary and unprotected personnel from entering the area. Refer to SECTION 7: HANDLING AND STORAGE, for additional precautionary measures. Ventilate area of leak or spill. Use appropriate safety equipment. For additional information, refer to SECTION 8: EXPOSURE CONTROLS / PERSONAL PROTECTION.

**Environmental Precautions:**

Prevent from entering soil, ditches, sewers, waterways and/or groundwater. Refer to SECTION 12: ECOLOGICAL INFORMATION.

**Steps to be taken if Material is Released or Spilled:**

Control the spill at its source.

**Small spills:** Avoid contact with spilled material or contaminated surfaces. Use recommended safety equipment when absorbing and sweeping up spilled material. Soak up with inert absorbent material. Sweep up and shovel into suitable containers for disposal. Place in a covered container for reuse or disposal. Scrub spill area with soap and water. Rinse with water. Dispose properly in accordance with all Federal, State and Local regulations. Contaminated soil may have to be removed and disposed of.

**Large spills:** Contact Drexel Chemical Company for clean-up assistance. Refer to SECTION 13: DISPOSAL CONSIDERATIONS, for additional information. Prevent entry into waterways, sewers, basements or confined areas.

## SECTION 7: HANDLING AND STORAGE

**KEEP OUT OF REACH OF CHILDREN**

**Handling:** **General Handling:** Avoid contact with eyes, skin and clothing. Wash thoroughly after handling. Do not swallow. Avoid breathing dust. Use with adequate ventilation. Wear long-sleeved shirt, long pants and shoes with socks when handling. Keep away from heat, sparks and flame. Refer to SECTION 8: EXPOSURE CONTROLS / PERSONAL PROTECTION

**Storage:** Store in a cool, dry, ventilated and secure area designated specifically for pesticides and away from heat sources. Keep in original containers and keep containers closed when not in use. Do not store in excessive heat. Do not store near children, food, foodstuffs, drugs or potable water supplies.

## SECTION 8: EXPOSURE CONTROLS / PERSONAL PROTECTION

**Occupational Exposure Limits:**

Components:	OSHA PEL	ACGIH TLV
Polymeric terpenes	N/A	N/A

**THIS SECTION IS FOR MANUFACTURING, COMMERCIAL BLENDING AND PACKAGING WORKERS. APPLICATORS AND HANDLERS SHOULD REFER TO THE PRODUCT LABEL FOR PROPER PERSONAL PROTECTIVE EQUIPMENT AND CLOTHING.**

**Engineering Controls:**

**Ventilation:** Investigate engineering techniques to reduce exposures. Use engineering controls to maintain airborne level below exposure limit requirements or guidelines. If there are no applicable exposure limit requirements or guidelines, use only with adequate ventilation. Local exhaust ventilation may be necessary for some operations.

**Personal Protection:**

**Eye/Face Protection:** Eye contact should be avoided through the use of chemical safety glasses, goggles, or a face shield selected in regard to exposure potential. Wear chemical splash goggles to prevent vapors or mists from entering the eyes. Where there is potential for eye contact have eye flushing equipment available. Safety glasses with side-shields.

**Ingestion:** Avoid ingestion of even very small amounts; do not consume or store food or tobacco in the work area; wash hands and face thoroughly with soap and water before smoking or eating. Avoid getting wash water in eyes.

**Hand Protection:** Use gloves chemically resistant to this material. Examples of preferred glove barrier materials include: Neoprene, Nitrile/butadiene rubber ("nitrile" or "NBR") or Polyvinyl chloride ("PVC" or "vinyl").

**Skin Protection:** Use protective clothing chemically resistant to this material. Selection of specific items such as face shield, boots, apron, or full body suit will depend on the task. Safety shower should be located in immediate work area. Remove contaminated clothing immediately, wash skin area with soap and water, and launder clothing before reuse or dispose of properly. Items which cannot be decontaminated, such as shoes, belts and watchbands, should be removed and disposed of properly.

**Respiratory Protection:** Respiratory protection should be worn when there is a potential to exceed the exposure limit requirements or guidelines. If there are no applicable exposure limit requirements or guidelines, use an approved respirator. Selection of air-purifying or positive-pressure supplied-air will depend on the specific operation and the potential airborne concentration of the material.

## SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

Property	Reported Value
Physical State	Liquid
Appearance / Color	Amber
Odor	Terpene
Odor threshold	Not available
pH	5.0 – 7.0
Melting point/Freezing point	<28°F
Boiling point	>212°F
Flash point	>270°F (Non-combustible)
Evaporation rate	Not available
Flammability	Not available
Upper flammability/explosive limits	Not available
Lower flammability/explosive limits	Not available
Vapor pressure	Negligible
Vapor density	Negligible
Relative density	7.95 Lbs./gal.
Solubility in water	Emulsifies in water
Solubility in organic solvents	Not available

## SAFETY DATA SHEET

Partition coefficient (n-octanol/water)	Not available
Auto-ignition temperature	Not available
Decomposition temperature	Not available
Viscosity	500- 700cP
Explosive properties	Not available
Oxidizing properties	Not available
Dissociation Constant	Not available

### SECTION 10: STABILITY AND REACTIVITY

<b>Reactivity:</b>	Thermally stable at typical use temperatures and in closed containers.
<b>Chemical Stability:</b>	Stable under recommended storage conditions.
<b>Hazardous Polymerization:</b>	Will not occur
<b>Conditions to Avoid:</b>	Avoid extreme temperatures and open flames.
<b>Incompatible Materials:</b>	NA / None known
<b>Hazardous Decomposition Products:</b>	Carbon monoxide and asphyxiants

### SECTION 11: TOXICOLOGICAL INFORMATION

#### Acute Toxicity:

<b>Potential routes of exposure/potential health effects:</b>	Skin contact. Eye contact. Ingestion.
<b>Acute Oral:</b>	<b>LD<sub>50</sub> (Rat):</b> >3,000 mg/kg
<b>Acute Dermal:</b>	<b>LD<sub>50</sub> (Rabbit):</b> >4,000 mg/kg
<b>Acute Inhalation:</b>	<b>LC<sub>50</sub> (Rat):</b> No data available
<b>Eye Irritation:</b>	<b>(Rabbit):</b> Eye irritation
<b>Skin Irritation:</b>	<b>(Rabbit):</b> Cause mild skin irritation
<b>Skin Sensitization:</b>	<b>(Guinea Pig):</b> Not a skin sensitizer

<b>Chronic Toxicity:</b>	No data available
<b>Carcinogenicity:</b>	No data available
<b>Mutagenicity:</b>	Non-mutagenic for bacteria and/or yeast
<b>Teratogenicity:</b>	No data available
<b>Reproductive Toxicity:</b>	No data available
<b>Developmental Toxicity:</b>	No data available
<b>Other Hazards Effects:</b>	None / No data available

### SECTION 12: ECOLOGICAL INFORMATION

#### ENVIRONMENTAL FATE:

Polymeric terpenes      Base petroleum oil and Linear ethoxylates

#### ECO-ACUTE TOXICITY

<b>Aquatic Toxicity:</b>	<b>Rainbow Trout , LC<sub>50</sub></b>	No data available
	<b>Bluegill Sunfish, LC<sub>50</sub></b>	No data available
	<b>Daphnia magna, 48 hour, LC<sub>50</sub></b>	No data available
<b>Arthropod Toxicity:</b>	<b>Bees, Acute LD<sub>50</sub></b>	No data available

**Bird Toxicity:** **Mallard Duck , LD<sub>50</sub>** No data available  
**Bobwhite Quail, LD<sub>50</sub>** No data available

**Persistence and degradability:** Expected slowly biodegradable  
**Bioaccumulation:** Not established  
**Mobility in soil:** No data available  
**Other adverse effects:** Do not contaminate water supplies, lakes, streams, ponds or drains with this product.

**SECTION 13: DISPOSAL CONSIDERATIONS**

If wastes and/or containers cannot be disposed of according to the product label directions, disposal of this material must be in accordance with your local or area regulatory authorities. This information presented below only applies to the material as supplied. The identification based on characteristic(s) or listing may not apply if the material has been used or otherwise contaminated. It is the responsibility of the waste generator to determine the toxicity and physical properties of the material generated to determine the proper waste identification and disposal methods in compliance with applicable regulations. If the material as supplied becomes a waste, follow all applicable regional, national and local laws.

**SECTION 14: TRANSPORT INFORMATION**

**DOT:** Not Regulated  
**IMDG:** Not Regulated  
**IATA / ICOA:** Not Regulated

**UN Identification No.:** N/A  
**Proper Shipping Name:** N/A  
**Hazard Class:** N/A  
**Packing Group:** N/A  
**Reportable Quantity:** N/A  
**Environmental Hazard:** N/A  
**Freight Description:** Agricultural spray adjuvant, liquid, n.o.s.  
**ERG Guide No.:** 171

This information is not intended to convey all specific regulatory or operational requirements/information relating to this product. Additional transportation system information can be obtained through an authorized sales or customer service representative. It is the responsibility of the transporting organization to follow all applicable laws, regulations and rules relating to the transportation of the material.

**SECTION 15: REGULATORY INFORMATION**

**OSHA Hazard Communication Standard:** **This product is NOT a hazardous chemical as defined by the OSHA Hazard Communication Standard, 29 CFR1910.1200.**

**Label Signal Word:** WARNING  
**Label Information:** KEEP OUT OF REACH OF CHILDREN  
**Label Information:** Hazards To Humans And Domestic Animals  
WARNING: Causes eye and skin irritation. Harmful if swallowed or if in contact with skin. Do not get in eyes, on skin or on clothing. Do not eat, drink or smoke when using this product. Avoid breathing spray mist. Wash thoroughly with soap and water after handling and before eating, drinking, chewing gum, using tobacco or using the toilet. Take off contaminated clothing and wash before reuse. Avoid release to the environment.

**EPCRA SARA Title III Classification:**  
**Section 302:** Extremely Hazardous Substance Notification: This material is not known to contain any Extremely Hazardous Substances.  
**Sections 311 and 312:** Immediate (Acute) Health Hazard: Yes  
Delayed (Chronic) Health Hazard: No

Fire Hazard: No  
 Reactive Hazard: No  
 Sudden Release of Pressure Hazard: No

**Section 313 Toxic Release Inventory (TRI):** This material does not contain any chemical components with known CAS numbers that exceed the threshold reporting levels established by SARA Title III, Section 313.

**CERCLA/SARA 304 Reportable Quantity (RQ):** Not listed / Not available

**RCRA Hazardous Waste Classification (40 CFR 261):** Not listed / Not available

**US EPA Toxic Substances Control Act (TSCA):** All components of this product are on the TSCA Inventory or are exempt from TSCA Inventory requirements under 40 CFR 720.30.

<b>California Proposition 65 (Safe Drinking Water and Toxic Enforcement Act of 1986):</b>	Polymeric terpenes	Listed as causing:	Not listed
		Listing date:	Not listed
		Listing basis:	Not listed

**International Inventories:**

TSCA	Complies
EINECS/ ELINCS	Complies
ENCW	Complies
IECSC	Complies
KECL	Complies
PICCS	Complies
AICS	Complies
DSL	Complies

**SECTION 16: OTHER INFORMATION**

**Date Issued:** January 2, 2023      **Date Supersedes:** April 05, 2021      **Revision:** 2

<b>For all non-emergency questions about this product, please contact:</b>	1700 Channel Avenue	Phone: 901-774-4370
	PO Box 13327	Fax: 901-774-4666
	Memphis, Tennessee 38113-0327, USA	Website: <a href="http://www.drexchem.com">www.drexchem.com</a>

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