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DREXEL ORGANIC PINENE

SECTION 1: MATERIAL IDENTIFICATION

Product Name:Drexel Organic PineneProduct Usage:Extender, sticker, film formerManufacturer:Drexel Chemical CompanyAddress: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: Pictograms:

WARNING

Classifications:

Hazard Class: <u>Toxicity Study:</u> <u>Category:</u>

Acute Toxicity, OralCategory 4Skin corrosion/ irritationCategory 2Serious eye damage / IrritationCategory 2B

Hazard Statements: <u>H Code:</u> <u>Statement:</u>

H302 Harmful if swallowedH315 Causes skin irritationH320 Causes eye irritation

Precautionary Statements:

Prevention: Wash face, hands and any exposed skin thoroughly after handling.

Do not eat, drink or smoke when using this product.

 $We ar \ protective \ gloves/protective \ clothing/eye \ protection/face \ protection.$

Do not breathe 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:

If in Eyes: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy

to do so. Continue rinsing. Get immediate medical advice/attention.

If Swallowed: Call a POISON CENTER or doctor/physician if you feel unwell. Treat symptomatically. **If Inhaled:** Remove person to fresh air and keep comfortable for breathing. Call POISON CENTER or

doctor if you feel unwell.

If on Skin or Clothing: Wash with plenty of water. If skin irritation or rash occurs: Get medical advice/attention.

Take off contaminated clothing and wash it before reuse.

If exposed or concerned: None available, get medical attention.

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

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

Specific hazards: None available.

SECTION 3: COMPOSITION INFORMATION

Chemical Name: Active Ingredients:	Synonym:	CAS No.:	EC No.:	RTECS:	<u>% By Wt:</u>
Polymeric terpenes	alpha-pinene and	31393-98-3	608-613-0	N/A	
beta-pinene oligor Other Adjuvants Proprietary mixtu		N/A	N/A	N/A	100.00%

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: Wear self-contained breathing apparatus with full protective clothing.

Evacuate area and fight fire from a safe distance. Minimize the amount of

water used for firefighting. Equipment should be completely

decontaminated after use.

Special Protective Equipment for Firefighters: Use personal protective equipment. As in any fire, wear self-contained

breathing apparatus pressure-demand, MSHA / NIOSH (approved or

equivalent) and full protective gear.

Specific Fire Hazards: 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

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National Fire Protection Association:

	NFPA:	<u>Health</u>	<u>Fire</u>		<u>Reactivity</u>	
		2	1		0	
Ratings:	4-Extrem	e 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 place. Keep in original containers and keep containers closed when not in use. 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	
Other Adjuvants	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.

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Personal Protection:

Boiling point

Oxidizing properties

Dissociation Constant

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

>212°F

Property Reported Value

Physical State Liquid
Appearance / Color Amber
Odor Terpene
Odor threshold Not available
pH 5.0 – 7.0
Melting point/Freezing point 40°F

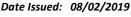
Flash point >270°F (Non-combustible)

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

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Not available

Not available



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SECTION 10: STABILITY AND REACTIVITY

Reactivity: Thermally stable at typical use temperatures and in closed containers.

Chemical Stability: Stable under recommended storage conditions.

Hazardous Polymerization: Will not occur

Conditions to Avoid: Avoid extreme temperatures and open flames.

Incompatible Materials: NA/ None known

Hazardous Decomposition Products: Carbon monoxide and asphyxiants

SECTION 11: TOXICOLOGICAL INFORMATION

Acute Toxicity:

Potential routes of exposure/potential health effects: Skin contact. Eye contact. Ingestion.

Acute Oral:LD $_{50}$ (Rat):>3,000 mg/kgAcute Dermal:LD $_{50}$ (Rabbit):>4,000 mg/kgAcute Inhalation:LC $_{50}$ (Rat):No data availableEye Irritation:(Rabbit):Eye irritation

Skin Irritation:(Rabbit):Cause mild skin irritationSkin Sensitization:(Guinea Pig):Not a skin sensitizer

Chronic Toxicity: No data available

Carcinogenicity: No data available

Mutagenicity: Non-mutagenic for bacteria and/or yeast

Teratogenicity: No data available

Reproductive Toxicity: No data available

Developmental Toxicity: No data available

Other Hazards Effects: None / No data available

SECTION 12: ECOLOGICAL INFORMATION

ENVIRONMENTAL FATE:

Polymeric terpenes Base petroleum oil and Linear ethoxylates

ECO-ACUTE TOXICITY

Aquatic Toxicity: Rainbow Trout , LC₅₀

Bluegill Sunfish, LC₅₀ Not established

Daphnia magna, 48 hour, LC₅₀

Arthropod Toxicity: Bees, Acute LD₅₀ Not established

Bird Toxicity: Mallard Duck , LD₅₀

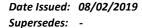
Bobwhite Quail, LD₅₀

Not established

Persistence and degradability: Expected slowly biodegradable

Bioaccumulation: Not established **Mobility in soil:** No data available

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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 This product is NOT a hazardous chemical as defined by the OSHA Hazard Communication

Standard: Standard, 29 CFR1910.1200.

EPCRA SARA Title III Classification:

Section 302: Extremely Hazardous Substance Notification: Not Regulated

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): No components

CERCLA/SARA 304 Reportable Quantity (RQ): Not regulated

RCRA Hazardous Waste Classification (40 CFR 261): Not regulated

US EPA Toxic Substances Control Act (TSCA): Not listed

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California Proposition 65 (Safe Drinking Water and Toxic Not listed Enforcement Act of 1986):

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: August 02, 2019 Date Supersedes: - Revision: 0

For all non-emergency questions 1700 Channel Avenue Phone: 901-774-4370 **about this product, please contact:** PO Box 13327 Fax: 901-774-4666

Memphis, Tennessee 38113-0327, USA Website: www.drexchem.com

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