

# SAFETY DATA SHEET

## *Pinestick*

Date of Issue: September 14, 2017

### SECTION 1: IDENTIFICATION

**Product name:** Pinestick Non-ionic spray adjuvant

Norac Concepts Inc.  
P.O. Box 31097  
Guelph, ON, N1H 8K1

**Product use:** Agricultural non-ionic adjuvant

**Registration number:** 32816 Pest Control Product Act

**Restriction on use:** None known

**Additional Product Information:** 519-821-3633

**In Case of Emergency, Call: 613-787-5620 All hours**

### SECTION 2: HAZARDS IDENTIFICATION

**Hazard Statements:** Causes eye irritation  
Aspiration hazard

**Precautionary Statements:** **Prevention**  
Keep out of reach of children  
Read label before using  
Wash hands thoroughly after handling  
Wear eye protection, protective gloves and protective clothing.

**Response**  
IF SWALLOWED: Call a poison control centre or doctor immediately for treatment advice. DO NOT induce vomiting. Do not give any liquid to the person.  
IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Call a poison center or doctor for treatment advice

**Storage**  
Store away from food or feed.

**Disposal**  
Dispose of contents/container to comply with applicable regulations

**Physical Hazards Not Otherwise Classified:** None known

**Health Hazards Not Otherwise Classified:** None known

### SECTION 3: COMPOSITION/INFORMATION ON INGREDIENTS

Chemical Name	CAS No.	% (w/w)
Polymeric Terpenes	31393-98-3	60 - 100
Petroleum Distillates, Hydrotreated light	64742-47-8	1 - 5

**Common Name:** None

**Synonyms:** None

## SECTION 4: FIRST-AID MEASURES

**Inhalation:** Move person to fresh air. If person is not breathing call 911 or an ambulance, then give artificial respiration, preferably by mouth-to-mouth. Call a Poison Control Center or Doctor for further treatment advice.

**Skin contact:** Remove contaminated clothing. Rinse skin immediately with plenty of water for 15-20 minutes. Call a poison control centre or doctor for treatment advice.

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

**Ingestion:** Call a Poison Control Center or Doctor immediately for treatment advice. Do not induce vomiting unless told to do so by a poison control center or doctor. Do not give any liquid to the person. Do not give anything by mouth to an unconscious person.

**Most Important Symptoms and Effects, Acute and Delayed:**

**If inhaled:** Mists may cause respiratory irritation.

**If on skin or in eyes:** May cause eye irritation.

**If on skin:** May cause slight skin irritation.

**If swallowed:** May be harmful if swallowed causing gastric upset. Aspiration hazard if swallowed.

**Indication of any immediate medical attention and special treatment needed:** Product contains Petroleum Distillate, treat symptomatically.

## SECTION 5: FIRE-FIGHTING MEASURES

**Suitable Extinguishing media:** For large fires, apply aqueous film forming foam or water in the form of a fog. For small fires, use carbon dioxide or dry chemical.

**Unsuitable Extinguishing media:** Water stream may spread flames.

**Specific Hazards arising from the substance or mixture:** Contain fire-fighting water for disposal if contaminated with product.

**Special Protective Equipment and Precautions for Fire-fighters:** Wear self-contained breathing apparatus and impervious clothing. Minimize the amount of water used and contain the run-off from entering water supplies or the environment by dyking.

## SECTION 6: ACCIDENTAL RELEASE MEASURES

**Personal Precautions, Protective Equipment and Emergency Procedures:** Wear personal protective equipment as described in Section 8.

**Environmental Precautions:** Do not allow product to enter sewers, ground water or any water course. Inform applicable government authority if release is reportable or could adversely affect the environment.

**Methods and Materials for Containment and Cleaning Up:** Wash with heavy duty detergent to reduce slip hazard. Absorb spilled material with suitable liquid binding material and place in suitable containers for disposal. Dispose of contaminated material as waste according to Section 13.

## SECTION 7: HANDLING AND STORAGE

**Precaution for Safe Handling:** Use only with adequate ventilation. Avoid contact with eyes, skin and clothing. Wear appropriate personal protective equipment. Wash thoroughly after use. If clothing becomes contaminated, wash thoroughly before re-use.

**Conditions for Safe Storage:** Store in a cool and dry location. Keep containers closed. Keep away from food, drink and feed. Keep out of reach of children and pets.

**Storage temperature:** Do not allow product to freeze. Store between 5 and 40°C

## SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION

**Ingredients with Workplace Control Parameters**

	CAS Number	Value/Form of Exposure	Permissible Concentration
Major constituents		TLV or STEL	No data available

**Appropriate Engineering Controls:** Provide local exhaust and/or adequate ventilation.

**Individual Protection Measures:**

**Eye protection:** Use chemical safety goggles.

**Skin protection:** Chemical-resistant gloves and protective clothing that is impervious under conditions of use.

**Respiratory protection:** If misting conditions exist, use NIOSH/MSHA approved respirator.

## SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

<b>Appearance:</b>	Viscous dark amber liquid
<b>Odour:</b>	Characteristic pinene odour
<b>Odour Threshold:</b>	Not determined
<b>pH:</b>	Not determined
<b>Melting point/Freezing Point:</b>	Not determined
<b>Initial Boiling Point/Range:</b>	Not determined
<b>Flash Point:</b>	>93.3°C PMCC.
<b>Evaporation rate (ether=1):</b>	No data
<b>Flammability (Solid or gas):</b>	Not applicable
<b>Lower flammability or explosive limit:</b>	Not determined
<b>Upper flammability or explosive limit:</b>	Not determined
<b>Vapour pressure (mm Hg at 20°C):</b>	No data
<b>Vapour density (air=1):</b>	No data
<b>Specific gravity:</b>	0.95 at 20°C
<b>Solubility (water):</b>	Dispersible in water
<b>Solubility (other):</b>	No data
<b>Partition coefficient (n-octanol/water):</b>	No data
<b>Auto-ignition temperature:</b>	No data
<b>Decomposition temperature:</b>	No data
<b>Viscosity:</b>	Not determined

## SECTION 10: STABILITY AND REACTIVITY

<b>Reactivity:</b>	Not reactive. Not sensitive to mechanical impact.
<b>Chemical stability:</b>	Stable under normal conditions.
<b>Possibility of hazardous reactions:</b>	None expected.
<b>Conditions to avoid:</b>	None known
<b>Incompatible materials:</b>	Strong oxidizing agents.
<b>Hazardous decomposition products:</b>	May produce carbon oxides and irritating gases.

## SECTION 11: TOXICOLOGICAL INFORMATION

**Likely Routes of Exposure:** Eyes, skin, ingestion, and inhalation.

**Acute Toxicity:**

Oral LD<sub>50</sub> (rat) = >3000 mg/Kg

Dermal LD<sub>50</sub> (rabbit) = No data

Inhalation LC<sub>50</sub> (rat) = No data

**Delayed and Immediate Effects:**

**Inhalation:** Misting conditions may cause respiratory irritation.

**Skin contact:** May cause slight skin irritation. Prolonged or repeated contact may cause drying, cracking and dermatitis.

**Eye contact:** Direct contact may cause eye irritation.

**Ingestion:** May be harmful if swallowed causing gastric upset. Aspiration hazard if swallowed can enter lungs and cause damage.

**Respiratory or skin sensitization:** None known

**Aspiration Hazard:** None known

**Chronic Effects:** Based on available data, repeated exposures are not expected to cause any significant adverse effects.

**Carcinogenicity:** The ingredients in this product are not classified as carcinogenic by the ACGIH, IARC, OSHA and NTP.

**Mutagenicity:** No data

**Reproductive effects:** No data

**Other information:** None known

## SECTION 12: ECOLOGICAL INFORMATION

**Ecotoxicity:** Product contains Petroleum Distillate which is toxic to aquatic life. Do not contaminate irrigation, drinking water or aquatic habitats.

**Persistence and Degradability:** Expected to biodegrade slowly.

**Bioaccumulative Potential:** No data available.

**Mobility in Soil:** No data available.

**Other Adverse Effects:** No data available.

## SECTION 13: DISPOSAL CONSIDERATIONS

**Container Disposal:** Non-refillable container. Do not reuse. Triple rinse container and place rinse water into the spray tank. If available, offer for recycling or puncture and dispose of in a sanitary landfill, or by other procedures approved by provincial and local authorities.

**Waste Disposal:** Dispose of waste material at an approved (hazardous) waste treatment/disposal facility in accordance with applicable local, provincial and federal regulations. Do not dispose of waste with normal garbage or to sewer systems.

## SECTION 14: TRANSPORT INFORMATION

**Canadian TDG classification:** Not regulated

**Transportation Emergency Telephone Number:** 613-787-5620.

**Special Precautions:** None known.

**Marine Pollutant:** Potential marine pollutant.

## SECTION 15: REGULATORY INFORMATION

**WHMIS Classification:** This product is registered under the *Pest Control Product Act* and is exempt from the requirements of WHMIS

**Domestic Substance List (DSL):** All ingredients are listed on the DSL

**CEPA – National Pollutant Release Inventory:** Not listed on the NPRI

## SECTION 16: OTHER INFORMATION

The information contained herein is offered only as a guide to the handling of this specific material and has been prepared in good faith by technically knowledgeable personnel. It is not intended to be all-inclusive and the manner and conditions of use and handling may involve other and additional considerations. No warranty of any kind is given or implied and Norac Concepts Inc. will not be liable for any damages, losses, injuries or consequential damages which may result from the use of or reliance on any information contained herein.

**SDS Prepared By:** Norac Concepts Inc  
Technical Department

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