

1. CHEMICAL PRODUCT AND COMPANY INFORMATION

Product: Pavegrip 128 asphalt additive

Product use: Asphalt antistripping additive

COMPANY IDENTIFICATION

Pre Tech Industries
15 Heather Drive
Rye, NH 03870
Phone: (603) 475-2805

EMERGENCY TELEPHONE NUMBERS

For Chemical Emergency Spill, Leak, Fire, Exposure, or Accident
Call CHEMTREC Day or Night
Within USA and Canada: 1-800-424-9300
Outside USA and Canada: +1 603-475-2805
(collect calls accepted)

2. HAZARDS IDENTIFICATION



Emergency Overview

CAUSES SEVERE DIGESTIVE TRACT BURNS. MAY CAUSE ALLERGIC SKIN REACTION AND SENSITIZATION. CAUSES SEVERE EYE IRRITATION. CAUSES SEVERE SKIN IRRITATION. INHALATION MAY CAUSE DIZZINESS, HEADACHE AND INCOORDINATION. MAY CAUSE RESPIRATORY TRACT IRRITATION. INHALATION MAY CAUSE NAUSEA, VOMITING, UPSET STOMACH. See sections 3, 5, & 6.

Primary Routes Of Exposure

Eye. Skin. Inhalation (breathing). Ingestion.

Eye Contact

Causes severe irritation. Can cause burning sensation, tearing, and redness.

Skin Contact

Causes severe irritation. May cause allergic skin reactions and sensitization.

Inhalation (Breathing)

Irritating to the eyes, nose, and respiratory tract. Can cause dizziness, headaches, and in-coordination. Nausea, vomiting, and stomach upset can occur.

Ingestion (Swallowing)

Causes severe burns to the mouth, throat, and stomach.

Target Organs/Chronic Effects

Eyes. Skin. Immune system (e.g, allergic reactions).

Conditions Aggravated By Exposure

Lungs and respiratory system. Skin. Immune systems and/or specific chemical allergies.

Carcinogenicity

	ACGI H	IARC	NTP	OSHA
Aliphatic carboxylic acids	No	No	No	No
Aliphatic polyamides	No	No	No	No

3. COMPOSITION/INFORMATION ON INGREDIENTS

This product is considered hazardous under the OSHA Hazard Communication Standard (29 CFR 1910.1200).

No		CAS REG NO	WEIGHT (%)
1	Tall Oil	Proprietary	80 - 95
2	Polyamines	Proprietary	5 - 15
2	Other functional Additive	Proprietary	0 - 5

4. FIRST AID MEASURES

Eye Contact

Immediately flush eyes with plenty of water for at least 15 minutes. Get immediate medical attention.

Skin Contact

Immediately flush with plenty of water for at least 15 minutes. For large exposures use an emergency shower. Remove contaminated clothing and shoes. Get immediate medical attention. Professionally wash clothing before re-use.

Inhalation (Breathing)

Remove to fresh air. If symptoms develop, seek immediate medical attention. If not breathing, give artificial respiration.

Ingestion (Swallowing)

Obtain immediate medical attention. Rinse mouth thoroughly with water, and give a cupful of water to drink. If vomiting occurs, repeat rinsing and give another cupful of water. Never give anything by mouth to an unconscious person.

Notes To Physicians

Treatment should be directed at preventing absorption, administering to symptoms (if they occur), and providing supportive therapy.

5. FIRE FIGHTING METHODS

Flash Point : 290F 143.3C Setaflash Closed Cup

Explosive Limits : LEL(%) Not Determined UEL(%) Not Determined

Autoignition : Not Determined

Hazardous Combustion And Decomposition Products

Smoke, soot, and toxic/irritating fumes (i.e., carbon dioxide, carbon monoxide, etc.). Oxides of nitrogen. Amines. Ammonia.

Fire And Explosion Hazards

High temperatures can cause sealed containers to rupture due to a build up of internal pressure. Cool with water. During a fire, irritating and highly toxic gases may be generated during combustion or decomposition.

Extinguishing Media

SMALL FIRES: Dry chemical, carbon dioxide, water spray, or foam. LARGE FIRES: Water spray, fog, or alcohol foam.

Fire Fighting Procedures/Equipment

Fire fighters and others who may be exposed to the products of combustion should be equipped with NIOSH-approved positive pressure self-contained breathing apparatus (SCBA) and full protective clothing.

6. ACCIDENTAL RELEASE MEASURES

Evacuation

Isolate hazard area. Keep unnecessary and unprotected personnel from entering.

Containment

Safely stop discharge. Contain material, as necessary, with a dike or barrier. Stop material from contaminating soil, or from entering sewers or bodies of water.

Clean-Up/Personal Protection Equipment

Appropriate safety measures and protective equipment should be used.

Collection And Disposal

Stop discharge, if safe to do so. Use proper protective equipment. Cover spills with absorbent clay or sawdust and place in closed chemical waste containers. Dispose of according to applicable local, state and federal regulations.

Reporting

Spills of this material in excess of a component's RQ must be reported to the National Response Center (1-800-424-8802) and to the appropriate state and local emergency response organizations. No regulated ingredients.

7. HANDLING AND STORAGE

Storage Conditions

Store in cool, dry, well ventilated area.

Transfer

No special precautions are needed. Follow good manufacturing and handling practices.

Personal Hygiene

Wash thoroughly after handling, especially before eating, drinking, smoking, and using restroom facilities. Wash contaminated goggles face shield, and gloves. Professionally launder contaminated clothing before re-use.

Empty Container Precautions

Attention! This container can be hazardous when empty. Follow label warnings even after container is emptied since empty containers may retain product residues. Do not reuse empty container without professional cleaning for food, clothing, or products for human or animal consumption or where skin contact can occur.

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

Exposure Guidelines

ACGIH - TLV

No regulated ingredients.

OSHA - PEL

No regulated ingredients.

Engineering Controls/Ventilation

Local exhaust ventilation is recommended when vapors, mists, or dusts can be released.

Eye Protection

Wear chemical splash goggles and a full-face shield. An eye wash facility should be readily available.

Skin Protection

Wear protective clothing and appropriate impervious gloves. Because a variety of protective gloves exist, consult glove manufacturer to determine the proper type for a specific operation.

Respiratory Protection

Avoid breathing vapor and/or mists. Wear NIOSH/MSHA-approved equipment. Determine the appropriate type by consulting the respirator manufacturer. High airborne concentrations may necessitate the use of self-contained breathing apparatus (SCBA) or a supplied air respirator. Respiratory protection programs must be in compliance with 29 CFR 1910.134.

9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance	Amber
Odor	Ammoniacal
Physical State	Liquid, viscous
Solubility	Slightly soluble
pH	Not Applicable
Boiling Point	> 518F 270C
Vapor Pressure	< 1 mm HG @ 25C
Vapor Density	> 3
VOC Material	Not Established
Specific Gravity	0.89
%Non-Vol(w/w)	98

NOTE: The physical data presented above are typical values and should not be construed as a specification.

10. STABILITY AND REACTIVITY

Chemical Stability

Stable under normal conditions of use.

Hazardous Polymerization

Will not occur.

Conditions To Avoid

Not applicable.

Incompatibility With Other Materials

Oxidizers. Acids.

11. TOXICITY INFORMATION

Product

Acute toxicity data: (this product) DLD50 (rabbit) > 1050 mg/Kg; (similar product) OLD50 (rat) > 500 mg/Kg. A similar product has been tested for skin sensitization with positive results in guinea pigs. A similar product has been tested for primary irritation and has been found to be a severe irritant to eyes and skin.

Components

Aliphatic carboxylic acids:

Oral LD50	Rat	> 10,000 mg/kg
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Aliphatic polyamides:

Corrosive! Causes eye and skin burns.

12. ECOLOGICAL INFORMATION

This product has had the following environmental testing: Daphnia, EC50 (48 hrs.) = 32 mg/L; rainbow trout, LC50 (96 hrs.) > 1000 mg/L; fathead minnow, LC50 (96 hrs.) > 1000 mg/L; algae, algistatic 1000 mg/L.

13. DISPOSAL CONSIDERATIONS

Disposal

Dispose in accordance with all local, state, and federal regulations.

General Statements

Federal regulations may apply to empty container. State and/or local regulations may be different.

General Recommendations

Of the methods of disposal currently available, it is recommended that an alternative be selected according to the following order of preference, based upon environmental acceptability: (1) recycle or rework, if feasible; (2) incinerate at an authorized facility; or (3) treat at an acceptable waste treatment facility.

Special Instructions

Be sure to contact the appropriate government environmental agencies if further guidance is required.

14. TRANSPORT INFORMATION

Weight (lb)	Shipping Name	49	CFR	IATA	IMO
	Not regulated				

DOT Label	Not applicable	UN/NA Id Num	Not Applicable
DOT Label No	NE		

15. REGULATORY INFORMATION

Federal

SARA Title III - Section 311/312 - Hazard Categories

N- Fire Hazard

N- Sudden Release of Pressure Hazard

N- Reactivity Hazard

Y- Immediate (acute) Health Hazard

N- Delayed (chronic) Health Hazard

Ozone-Depleting Chemicals

No regulated ingredients.

SARA Section 302 Extremely Hazardous Mat

No regulated ingredients.

SARA Section 313 Toxic Chemicals

No regulated ingredients.

Chemical Listing

Listed on the following Country's Chemical Inventories:

United States Toxic Substance Control Act

Chemical component(s) in this product are on the section 8(b) Chemical Substance Inventory List (40 CFR 710).

State Right-To-Know

Pennsylvania - New Jersey R-T-K

Aliphatic carboxylic acids	Proprietary	60 - 100
Aliphatic polyamides	Proprietary	30 - 60

California - California Proposition 65

No regulated ingredients.

CONEG

No data available.

Canada

This is a -controlled product- under the Canadian Workplace Hazardous Materials Information System (WHMIS).

Class D Division 2 Sub-division B

CEPA - NPRI

No regulated ingredients.

Canadian Chemical Inventory

Domestic Substance List

Listed.

Canadian CPR Regulation

This product has been classified in accordance with the hazard criteria of the CPR and the MSDS contains all information required by the CPR.

16. OTHER INFORMATION

Hazard Rating		
	HMIS	NFPA
Health	2	2
Fire	1	1
Reactivity	0	0

* = Chronic

ABBREVIATIONS:

ACGIH = American Conference of Governmental Industrial Hygienists
OSHA = Occupational Safety and Health Administration
TLV = Threshold Limit Value
PEL = Permissible Exposure Limit
TWA = Time Weighted Average
STEL = Short-Term Exposure Limit
BAc = Butyl acetate

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