

MP BIOMEDICALS

Material Safety Data Sheet

Catalog Number: 195455
Revision date: 07-Oct-2003

1. IDENTIFICATION OF THE SUBSTANCE/PREPARATION AND COMPANY INFORMATION

Catalog Number: 195455

Product name: PRISTANE

Synonyms: 2,6,10,14- Tetramethylpentadecane

Supplier:

MP Biomedicals, Inc.
1263 S. Chillicothe Rd.
Aurora, OH 44202
tel: 330-562-1500

Emergency telephone number: CHEMTREC: 1-800-424-9300 (1-703-527-3887)

2. COMPOSITION/INFORMATION ON INGREDIENTS

Components	CAS Number	Weight %	ACGIH Exposure Limits:	OSHA Exposure Limits:
PRISTANE	1921-70-6	90-100%	None	None

3. HAZARDS IDENTIFICATION

EMERGENCY OVERVIEW: May cause irritation to the eyes, skin and respiratory system.

Category of Danger:

Irritant

Principle routes of exposure: Skin

Inhalation: Irritating to respiratory system

Ingestion: Irritating to mouth, throat and stomach

Skin contact: Irritating to skin.

Eye contact: Contact with eyes may cause irritation

ANSI Classification Irritant - eye, skin, respiratory

Statements of hazard May Cause Eye, Skin and Respiratory Tract irritation.

Statement of Spill or Leak - ANSI Label Contain and/or absorb spill with inert material (e.g. sand, vermiculite), then place in suitable container. Do not flush to sewer or allow to enter waterways. Use appropriate Personal Protective Equipment.

Statement of First Aid In case of contact, immediately flush eyes with plenty of water for at least 15 minutes. Call a physician.

Precautions - ANSI Label Do not get in eyes, on skin, or on clothing. Wash thoroughly after handling. Avoid breathing vapors. Avoid prolonged or repeated contact with the skin, eyes or respiratory tract. Wash thoroughly after exposure.

4. FIRST AID MEASURES

General advice: In the case of accident or if you feel unwell, seek medical advice immediately (show the label where possible).

Inhalation: Move to fresh air. Call a physician immediately.

Skin contact: Rinse immediately with plenty of water for at least 15 minutes Call a physician immediately

Ingestion: Do not induce vomiting without medical advice.

Eye contact: Rinse immediately with plenty of water, also under the eyelids, for at least 15 minutes. Call a physician immediately Rinse thoroughly with plenty of water for at least 15 minutes and consult a physician

Protection of first-aiders: No information available

Medical conditions aggravated by exposure: None known

5. FIRE FIGHTING MEASURES

Suitable extinguishing media:	Use dry chemical, CO2, water spray or "alcohol" foam
Specific hazards:	Burning produces irritant fumes.
Unusual hazards:	None known
Special protective equipment for firefighters:	Wear self contained breathing apparatus for fire fighting if necessary.
Specific methods:	Water mist may be used to cool closed containers.
Flash point:	Not determined
Autoignition temperature:	Not determined
NFPA rating:	
NFPA Health:	1
NFPA Flammability:	1
NFPA Reactivity:	0

6. ACCIDENTAL RELEASE MEASURES

Personal precautions:	Use personal protective equipment.
Environmental precautions:	Do not flush into surface water or sanitary sewer system.
Methods for cleaning up:	Soak up with inert absorbent material.

7. HANDLING AND STORAGE

Storage:
ROOM TEMPERATURE

Handling:	Use only in area provided with appropriate exhaust ventilation.
Safe handling advice:	Wear personal protective equipment. Remove and wash contaminated clothing before reuse.
Technical measures/storage conditions:	Keep container tightly closed in a dry and well-ventilated place. Keep containers tightly closed in a cool, well-ventilated place.
Incompatible products:	Oxidising and spontaneously flammable products

8. EXPOSURE CONTROLS / PERSONAL PROTECTION

Engineering measures: Ensure adequate ventilation.

PERSONAL PROTECTIVE EQUIPMENT

Respiratory protection: Breathing apparatus only if aerosol or dust is formed.

Hand protection: Pvc or other plastic material gloves

Skin and body protection: Impervious clothing

Eye protection: Goggles

Hygiene measures: Handle in accordance with good industrial hygiene and safety practice.



9. PHYSICAL AND CHEMICAL PROPERTIES

Physical state: Liquid
Formula: C19H40
Molecular weight: 268.5
Boiling point/range: No Data available at this time.
Melting point/range: 165-167°C
Density: 0.787 g/ml
Vapor pressure: No data available
Evaporation rate: No data available
Vapor density: No data available
Solubility (in water): Soluble
Flash point: Not determined
Autoignition temperature: Not determined

10. STABILITY AND REACTIVITY

Stability: Stable under recommended storage conditions.
Polymerization: None under normal processing.
Hazardous decomposition products: Thermal decomposition can lead to release of irritating gases and vapours such as carbon oxides.
Materials to avoid: Strong oxidising agents
Conditions to avoid: Exposure to air or moisture over prolonged periods.

11. TOXICOLOGICAL INFORMATION

Product Information

Acute toxicity
Components **RTECS Number:** **Selected LD50s and LC50s**
 PRISTANE RZ1880000 Not Determined

Chronic toxicity: Chronic exposure may cause nausea and vomiting, higher exposure causes unconsciousness.
Local effects: Symptoms of overexposure may be headache, dizziness, tiredness, nausea and vomiting.
Specific effects: May include moderate to severe erythema (redness) and moderate edema (raised skin), nausea, vomiting, headache.
Primary irritation: A primary irritant.
Carcinogenic effects: No data is available on the product itself.
Mutagenic effects: No data is available on the product itself.
Reproductive toxicity: No data is available on the product itself.

12. ECOLOGICAL INFORMATION

Mobility: No data available
Bioaccumulation: No data available
Ecotoxicity effects: No data available
Aquatic toxicity: May cause long-term adverse effects in the aquatic environment.

Components	U.S. DOT - Appendix B - Marine Pollutan	U.S. DOT - Appendix B - Severe Marine Pollutants	United Kingdom - The Red List:
PRISTANE	Not Listed	Not Listed	Not Listed
Components	Germany VCI (WGK)	World Health Organization (WHO) - Drinking Water	Ecotoxicity - Fish Species Data
PRISTANE	Not Listed	Not Listed	Not Listed

Components	Ecotoxicity - Freshwater Algae Data	Ecotoxicity - Microtox Data	Ecotoxicity - Water Flea Data
PRISTANE	Not Listed	Not Listed	Not Listed
Components	EPA - ATSDR Priority List	EPA - HPV Challenge Program Chemical List	California - Priority Toxic Pollutants
PRISTANE	Not Listed	Not Listed	Not Listed
Components	California - Priority Toxic Pollutants	California - Priority Toxic Pollutants	
PRISTANE	Not Listed	Not Listed	

13. DISPOSAL CONSIDERATIONS

Waste from residues / unused products: Waste disposal must be in accordance with appropriate Federal, State, and local regulations. This product, if unaltered by use, may be disposed of by treatment at a permitted facility or as advised by your local hazardous waste regulatory authority. Residue from fires extinguished with this material may be hazardous.

Contaminated packaging: Do not re-use empty containers

Methods for cleaning up: Soak up with inert absorbent material.

14. TRANSPORT INFORMATION

UN/Id No: Not regulated

DOT:
Proper shipping name: Not Regulated

Components **U.S. DOT - Appendix A Table 1 - Reportable Quantities**
PRISTANE Not Listed

TDG (Canada):
WHMIS hazard class: D2b toxic materials



IMDG/IMO
IMDG - Hazard Classifications Not Applicable

Components **U.S. DOT - Appendix B - Marine Pollutan** **U.S. DOT - Appendix B - Severe Marine Pollutants**
PRISTANE Not Listed Not Listed

IMO-labels:

15. REGULATORY INFORMATION

International Inventories

Components

PRISTANE

Inventory - United States TSCA - Sect. 8(b)	Present
Canada DSL Inventory List -	Not Listed
Canada NDSL Inventory List -	C19H40
Australia (AICS):	Present
EU EINECS List -	217-650-8; C19H40
Inventory - Japan:	2-10

U.S. regulations:

Components

PRISTANE	California Proposition 65 - Not Listed	Massachusetts Right to Know List: Not Listed	New Jersey Right to Know List: Not Listed	Pennsylvania Right to Know List: Not Listed
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Components

PRISTANE	Florida substance List: Not Listed	Rhode Island Right to Know List: Not Listed	Illinois - Toxic Air Contaminants Not Listed	Connecticut - Hazardous Air Pollutants Not Listed
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Components

PRISTANE	SARA 313 Emission reporting/Toxic Release of Chemicals Not Listed	CERCLA/SARA - Section 302 Extremely Haz Not Listed	NTP: None	IARC: None
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SARA 313 Notification:

The above is your notification as to the SARA 313 listing for this product(s) pursuant to Section 313 of Title III of the Superfund Amendments and Reauthorization Act of 1986 and 40 CFR Part 372.

If you are unsure if you are subject to the reporting requirements of Section 313, or need more information, please call the EPA Emergency Planning and Community Right-To-Know Information Hotline: (800) 535-0202 or (202) 479-2499 (in Washington, DC or Alaska).

State Notification:

The above information is your notice as to the Right-to-Know listings of the stated product(s). Individual states will list chemicals for a variety of reasons including, but not limited to, the compounds toxicity; carcinogenic, tumorigenic and/or reproductive hazards; and the compounds environmental impact if accidentally released.

16. OTHER INFORMATION**Prepared by:** Health & Safety

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End of Safety Data Sheet