



# Safety Data Sheet

## 1. Identification

<b>Product Information.</b>	1184300
<b>Product Name:</b>	Pettit Neptune HRT - 1843 Black
<b>Recommended Use.</b>	Paints
<b>Uses advised against.</b>	Read label instructions and SDS
<b>Supplier.</b>	Modern Recreational Technologies, Inc. 2220 Highway 70 SE., Suite 100 Hickory, NC 28602 800-728-8258
<b>Emergency telephone number.</b>	Chemtrec: +1-800-424-9300 USA Chemtrec: +1 703-527-3887 ex-USA 24 hrs./day, 7 days/week

## 2. Hazards Identification

### GHS Classification in accordance with 29 CFR 1910.1200

Flammable Liquid, category 4  
Acute Toxicity, Oral, category 4  
Acute Toxicity, Inhalation, category 1  
Serious Eye Damage, category 1

### GHS Pictograms



### Signal Word

Danger

### Unknown Acute Toxicity

19.5% of the mixture consists of ingredient(s) of unknown acute toxicity

### HAZARD STATEMENTS

Combustible liquid.  
Harmful if swallowed.  
Causes serious eye damage.  
Fatal if inhaled.

### Precautionary Statements - Prevention.

Keep away from heat, sparks, open flames, hot surfaces. No smoking.  
Do not breathe dust/fume/gas/mist/ vapors/spray.  
Wash face and hands and any exposed skin thoroughly after handling.  
Do not eat, drink or smoke when using this product.  
Use only outdoors or in a well-ventilated area.  
Wear protective gloves, protective clothing, eye protection, face protection  
In case of inadequate ventilation: Wear respiratory protection.

### Precautionary Statements - Response.

If swallowed: Call a poison center/doctor if you feel unwell.  
If inhaled: Remove person to fresh air and keep comfortable for breathing.

If in eyes: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.

Immediately call a poison center or doctor.

Rinse mouth.

In case of fire: Use CO<sub>2</sub> dry chemical or foam to extinguish.

#### **Precautionary Statements - Storage.**

Store in a well-ventilated place. Keep container tightly closed.

Store in a well-ventilated place. Keep cool.

Store locked up.

#### **Precautionary Statements - Disposal.**

Dispose of contents in accordance with local, regional, national, international regulations.

### **3. Composition/Information on Ingredients**

<u>Chemical Name</u>	<u>CAS-No.</u>	<u>Wt. %</u>
Cuprous oxide	1317-39-1	25-50
Calcium carbonate (Limestone)	1317-65-3	10-25
Barium Sulfate	7727-43-7	10-25
Carbon Black	1333-86-4	1.0-2.5
Cupric Oxide	1317-38-0	0.1-1.0
Copper (as Cu Dust & Mists)	7440-50-8	0.1-1.0

The exact percentage (concentration) of composition has been withheld as a trade secret.

### **4. First-aid Measures**

#### Description of first-aid measures.

##### **General advice.**

Move victim to a safe isolated area. Immediate medical attention is required. Call a poison control center or doctor for treatment advice.

##### **Inhalation.**

Move to fresh air. Apply artificial respiration if victim is not breathing. Call a poison control center or doctor for treatment advice.

##### **Skin contact.**

Wash off immediately with soap and plenty of water. Remove all contaminated clothes and shoes. Remove and wash contaminated clothing before re-use. Call a poison control center or doctor for treatment advice.

##### **Eye contact.**

Immediately flush with plenty of water. After initial flushing, remove any contact lenses and continue flushing for at least 15 minutes. Call a poison control center or doctor for treatment advice.

##### **Ingestion.**

Do not induce vomiting unless directed to do so by a physician or poison control center. Never give anything by mouth to an unconscious person. If swallowed, call a poison control center or doctor immediately.

##### **Symptoms.**

See Section 2 and Section 11, Toxicological effects for description of potential symptoms.

##### **Notes to physician.**

Treat symptomatically. Smallest quantities reaching the lungs through swallowing or subsequent vomiting may result in lung edema or pneumonia.

### **5. Fire-fighting Measures**

#### Extinguishing media.

##### **Suitable extinguishing media.**

Use: Dry powder. Alcohol-resistant foam. Carbon dioxide (CO<sub>2</sub>). Water may be used to cool and prevent the rupture of containers that are exposed to the heat from a fire.

##### **Extinguishing media which shall not be used for safety reasons.**

Water may be unsuitable for extinguishing fires.

#### Special hazards arising from the substance or mixture.

Vapors may travel to areas away from work site before igniting/flashing back to vapor source. Thermal decomposition can lead to release of irritating and toxic gases and vapors. Most vapors are heavier than air. Vapors may spread along ground and collect in low or confined areas (sewers, basements, tanks). Vapors may travel to source of ignition and flash back. Air/vapor mixtures may explode when ignited. Containers may explode when heated.

**Advice for firefighters.**

Evacuate personnel to safe areas.

As in any fire, wear self-contained breathing apparatus pressure-demand, MSHA/NIOSH (approved or equivalent) and full protective gear.

## 6. Accidental Release Measures

**Personal precautions, protective equipment and emergency procedures.****Personal precautions.**

Avoid contact with skin, eyes and clothing. Ensure adequate ventilation, especially in confined areas. All equipment used when handling the product must be grounded. Eliminate all ignition sources (no smoking, flares, sparks or flames in immediate area). Wear protective gloves/clothing and eye/face protection. Stop all work that requires a naked flame, stop all vehicles, stop all machines and equipment that may cause sparks or flames. Do not breathe vapors or spray mist. Avoid exceeding of the given occupational exposure limits (see section 8). Thoroughly decontaminate all protective equipment after use.

**Advice for emergency responders.**

Refer to protective measures listed in sections 7 and 8. Use personal protection recommended in Section 8.

**Environmental precautions.**

Prevent further leakage or spillage if safe to do so. Do not allow material to contaminate ground water system. Prevent entry into waterways, sewers, basements or confined areas. See Section 12 for additional Ecological information.

**Methods and materials for containment and cleaning up.****Methods for Containment.**

Absorb with earth, sand or other non-combustible material and transfer to containers for later disposal. Prevent further leakage or spillage if safe to do so. Pick up and transfer to properly labeled containers. Clean contaminated surface thoroughly. Ground and bond containers when transferring material. Take precautionary measures against static discharges. Use personal protective equipment. Remove all sources of ignition.

**Methods for cleaning up.**

Prevent further leakage or spillage if safe to do so. Keep away from open flames, hot surfaces and sources of ignition. Keep in suitable and closed containers for disposal. All equipment used when handling the product must be grounded. Keep combustibles (wood, paper, oil, etc) away from spilled material. Ventilate the area. Use personal protective equipment as required. Shut off ignition sources; including electrical equipment and flames. Clean contaminated objects and areas thoroughly while observing environmental regulations. Never return spills in original containers for re-use.

**Reference to other sections.**

See section 8 for more information.

## 7. Handling and Storage

**Conditions for safe storage, including any incompatibilities.****Advice on safe handling.**

Avoid contact with skin, eyes and clothing. Handle in accordance with good industrial hygiene and safety practice. Keep away from open flames, hot surfaces and sources of ignition. Do not pressurize, cut, weld, braze, solder, drill, grind, or expose container to heat, flame, sparks, static electricity, or other sources of ignition. Wash hands before breaks and immediately after handling the product. All equipment used when handling the product must be grounded. Take precautionary measures against static discharges. Do not breathe vapors or spray mist. Use according to package label instructions. Ground and bond containers when transferring material.

**Hygiene measures.**

Handle in accordance with good industrial hygiene and safety practice for diagnostics. Do not eat, drink or smoke when using this product. Remove and wash contaminated clothing before re-use. Avoid contact with skin, eyes and clothing. Wash hands before breaks and immediately after handling the product.

**Storage Conditions.**

Keep container closed when not in use. Keep in properly labeled containers. Keep containers tightly closed in a dry, cool and well-ventilated place. Store in accordance with local regulations. Keep from freezing. Keep away from food, drink and animal feedingstuffs. Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking.

## 8. Exposure Controls/Personal Protection

### Ingredients with Occupational Exposure Limits

<u>Chemical Name</u>	<u>ACGIH TLV-TWA</u>	<u>ACGIH-TLV STEL</u>	<u>OSHA PEL-TWA</u>	<u>OSHA PEL-CEILING</u>
Cuprous oxide	1 mg/m <sup>3</sup>	N.E.	N.E.	N.E.
Calcium carbonate (Limestone)	N.E.	N.E.	15 mg/m <sup>3</sup>	N.E.
Barium Sulfate	5 mg/m <sup>3</sup>	N.E.	15 mg/m <sup>3</sup>	N.E.
Carbon Black	3 mg/m <sup>3</sup>	N.E.	3.5 mg/m <sup>3</sup>	N.E.
Cupric Oxide	1 mg/m <sup>3</sup>	N.E.	N.E.	N.E.
Copper (as Cu Dust & Mists)	0.2 mg/m <sup>3</sup>	N.E.	0.1 mg/m <sup>3</sup>	N.E.

TLV = Threshold Limit Value TWA = Time Weighted Average PEL = Permissible Exposure Limit STEL = Short-Term Exposure Limit N.E. = Not Established

### Engineering Measures.

Ensure adequate ventilation, especially in confined areas. Apply technical measures to comply with the occupational exposure limits.

### Personal protective equipment.

#### Eye/Face Protection.

If splashes are likely to occur, wear:. Face-shield. Safety glasses with side-shields. Tightly fitting safety goggles.

#### Skin and body protection.

Use:. Long sleeved clothing. Protective shoes or boots. Solvent-resistant gloves. Solvent-resistant apron and boots. Wear impervious gloves and/or clothing if needed to prevent contact with the material. Gloves must be inspected prior to use. Please observe the instructions regarding permeability and breakthrough time which are provided by the supplier of the gloves. Also take into consideration the specific local conditions under which the product is used, such as the danger of cuts, abrasion. Remove and wash contaminated clothing before re-use.

#### Respiratory protection.

In case of inadequate ventilation wear respiratory protection. If exposure limits are exceeded or irritation is experienced, respiratory protection should be worn. Respiratory protection must be provided in accordance with current local regulations.

## 9. Physical and chemical properties.

### Information on basic physical and chemical properties.

Physical state	Liquid
Appearance	No Information
Color	Black
Odor	Hydrocarbon-like
Odor Threshold	No Information
pH	8.0-9.0
Melting/freezing point., °C (°F)	No Information
Flash Point., °C (°F)	85 (185.00)
Boiling point/boiling range., °C (°F)	100 - 2,567 (212 - 4652.6)
Evaporation rate	No Information Available
Explosive properties.	No Information
Vapor pressure.	No Information
Vapor density.	No Information
Specific Gravity. (g/cm <sup>3</sup> )	1.806
Water solubility.	No Information
Partition coefficient.	No Information
Autoignition temperature., °C	No Information
Decomposition Temperature °C.	

Viscosity, kinematic.

No Information  
> 22 mm<sup>2</sup>/sec**Other information.**

Volatile organic compounds (VOC) content.

35 g/l

Density, lb/gal

15.040

**10. Stability and Reactivity****Reactivity.**

Stable under normal conditions.

**Chemical stability.**

Stable under recommended storage conditions.

**Possibility of hazardous reactions.**

None under normal processing.

**Conditions to Avoid.**

Heat (temperatures above flash point), sparks, ignition points, flames, static electricity. Keep away from heat and sources of ignition. Do not freeze.

**Incompatible Materials.**

None known based on information supplied.

**Hazardous Decomposition Products.**

Thermal decomposition can lead to release of irritating gases and vapours. Possible formation of carbon oxides, nitrogen oxides, and hazardous organic compounds.

**11. Toxicological Information****Information on toxicological effects.****Acute toxicity.****Product Information**

No Information

The following values are calculated based on chapter 3.1 of the GHS document.

ATEmix (oral)	1,486.3 mg/kg
ATEmix (dermal)	6,164.9 mg/kg
ATEmix (inhalation - dust/mist)	0.04 mg/l

**Component Information.**

<u>CAS-No.</u>	<u>Chemical Name</u>	<u>LD50 Oral</u>	<u>LD50 Dermal</u>	<u>LC50 Inhalation</u>
1317-39-1	Cuprous oxide	470 mg/kg Rat	>2000 mg/kg Rat	N.I.
1333-86-4	Carbon Black	>15400 mg/kg Rat	N.I.	> mg/L Rat (Dust)
1317-38-0	Cupric Oxide	N.I.	>2000 mg/kg Rat	N.I.

N.I. = No Information

**Skin corrosion/irritation.**

No Information

**Eye damage/irritation.**

Direct eye contact may cause severe irritation or burns. If not immediately removed, may cause permanent eye damage.

**Respiratory or skin sensitization.**

No Information

**Ingestion.**

May be harmful if swallowed. Aspiration into lungs may cause pulmonary edema and chemical pneumonitis.

**Germ cell mutagenicity.**

No Information

**Carcinogenicity.**

No Information

<u>CAS-No.</u>	<u>Chemical Name</u>	<u>IARC</u>	<u>NTP</u>	<u>OSHA</u>
1333-86-4	Carbon Black	IARC Group 2B	-	-

**Reproductive toxicity.**

No Information

**Specific target organ systemic toxicity (single exposure).**

No Information

**Specific target organ systemic toxicity (repeated exposure).**

May cause damage to organs through prolonged or repeated exposure.

**Aspiration hazard.**

No Information

**Primary Route(s) of Entry**

No Information

## 12. Ecological Information

**Toxicity.**

32.67% of the mixture consists of ingredient(s) of unknown aquatic toxicity

**Ecotoxicity effects.**

Chemical Name	Toxicity to algae	Toxicity to fish	Toxicity to daphnia and other aquatic invertebrates
Cuprous oxide 1317-39-1	EC50 96 h Desmodemus subspicatus 65 mg/L, EC50 96 h Pseudokirchneriella subcapitata 0.021 - 0.037 mg/L, EC50 96 h Pseudokirchneriella subcapitata 0.055 - 0.076 mg/L	-	EC50 48 h Daphnia magna 0.51 mg/L
Copper (as Cu Dust & Mists) 7440-50-8	EC50 72 h Pseudokirchneriella subcapitata 0.0426 - 0.0535 mg/L, EC50 96 h Pseudokirchneriella subcapitata 0.031 - 0.054 mg/L	LC50 96 h Pimephales promelas 0.0068 - 0.0156 mg/L, LC50 96 h Pimephales promelas <0.3 mg/L, LC50 96 h Pimephales promelas 0.2 mg/L, LC50 96 h Oncorhynchus mykiss 0.052 mg/L, LC50 96 h Lepomis macrochirus 1.25 mg/L, LC50 96 h Cyprinus carpio 0.3 mg/L, LC50 96 h Cyprinus carpio 0.8 mg/L, LC50 96 h Poecilia reticulata 0.112 mg/L	EC50 48 h Daphnia magna 0.03 mg/L

**Persistence and degradability.**

No data are available on the product itself.

**Bioaccumulative potential.**

Discharge into the environment must be avoided.

**Mobility in soil.**

No information

**Other adverse effects.**

No information

## 13. Disposal Considerations

**Waste Disposal Guidance.**

Pesticide wastes are acutely hazardous. Improper disposal of excess pesticide, spray mixture, or rinsate is a violation of Federal Law. If these wastes can not be disposed of by use according to label instructions, contact your State Pesticide or Environmental Control Agency, or the Hazardous Waste representative at the nearest EPA Regional Office for guidance. Disposal should be in accordance with applicable regional, national and local laws and regulations.

Empty containers should be taken to an approved waste handling site for recycling or disposal.

## 14. Transport Information

**DOT**

**Shipping Name:** Combustible Liquid n.o.s (Cuprous Oxide, Calcium Carbonate)  
**Hazard Class:** Comb liq  
**UN/NA Number:** NA1993  
**Packing Group:** III  
**Additional Information:** EXCEPTION: As per 49 CFR 173.120(b)(2), a flammable liquid with a flashpoint at or above 38°C or 100°F may be reclassified as a combustible liquid for transportation within the U.S. by motor vehicle or rail only. A Combustible Liquid in a non-bulk packaging (less than 450L or 119 gallons) is not subject to any of the HazMat regulations unless it is a hazardous substance, hazardous waste, or a marine pollutant [49 CFR 173.150(f)(1)(2)].

**IMDG**

No Information

**Additional Information:** Not regulated**IATA**

No Information

**Additional Information:** Not regulated

## 15. Regulatory Information

**International Inventories:**

TSCA Complies

DSL -

DSL/NDSL -

EINECS/ELINCS -

ENCS -

IECSC -

KECI -

PICCS -

AIIIC -

NZIoC -

**TCSI**

<b>TSCA</b>	United States Toxic Substances Control Act Section 8(b) Inventory.
<b>DSL</b>	Canadian Domestic Substances List.
<b>DSL/NDSL</b>	Canadian Domestic Substances List/Canadian Non-Domestic Substances List
<b>EINECS/ELINCS</b>	European Inventory of Existing Chemical Substances/European List of Notified Chemical Substances.
<b>ENCS</b>	Japan Existing and New Chemical Substances.
<b>IECSC</b>	China Inventory of Existing Chemical Substances.
<b>KECL</b>	Korean Existing and Evaluated Chemical Substances.
<b>PICCS</b>	Philippines Inventory of Chemicals and Chemical Substances.
<b>AIIIC</b>	Australian Inventory of Chemical Substances.
<b>NZIoC</b>	New Zealand Inventory of Chemicals.
<b>TCSI</b>	Taiwan Chemical Substance Inventory

**U.S. Federal Regulations:****SARA SECTION 313:**

This product contains the following substances subject to the reporting requirements of Section 313 of Title III of the Superfund Amendment and Reauthorization Act of 1986 and 40 CFR part 372: .

<u>Chemical Name</u>	<u>CAS-No.</u>	<u>Weight Percent</u>
Cuprous oxide	1317-39-1	25-50
Barium Sulfate	7727-43-7	10-25

**TOXIC SUBSTANCES CONTROL ACT 12(b):**

This product does not contain any chemicals that are subject to the reporting requirements of TSCA 12(b).

**U.S. EPA PESTICIDE INFORMATION****EPA Pesticide Registration Number:** 60061-135

**EPA STATEMENT:** This chemical is a pesticide product registered by the Environmental Protection Agency and is subject to certain labeling requirements under federal pesticide law. These requirements differ from the classification criteria and hazard information required for safety data sheets, and for workplace labels of non-pesticide chemicals. Following is the hazard information as required on the pesticide label:

**EPA PESTICIDE LABEL:** WARNING. Causes eye irritation. Harmful if absorbed through the skin. May be fatal if swallowed or inhaled.

**ADDITIONAL INFORMATION**

Additional Information - Sxn 15: No Information

**CALIFORNIA PROPOSITION 65 CARCINOGENS****WARNING**

Warning: The following ingredients present in the product are known to the state of California to cause Cancer:

<u>Chemical Name</u>	<u>CAS-No.</u>
Carbon Black	1333-86-4
Crystalline silica (Quartz) (Respirable)	14808-60-7
Formaldehyde	50-00-0
Ethene, chloro- (Vinyl Chloride)	75-01-4

**CALIFORNIA PROPOSITION 65 REPRODUCTIVE TOXINS**

No Proposition 65 Reproductive Toxins exist in this product.

**NOTICE**

Constituents of this product may include crystalline silica which, if inhalable, may cause silicosis, a form of progressive pulmonary fibrosis. Inhalable crystalline silica is listed by IARC as a group I carcinogen (lung) based on sufficient evidence in occupationally exposed humans and sufficient evidence in animals. Crystalline silica is also listed by the NTP as a known human carcinogen. Constituents may also contain asbestiform or non-asbestiform tremolite or other silicates as impurities, and above de minimis exposure to these impurities in inhalable form may be carcinogenic or cause other serious lung problems.

**16. Other Information**

<b>Revision Date:</b>	9/27/2023	<b>Supersedes Date:</b>	9/12/2023
<b>Reason for revision:</b>	Substance and/or Product Properties Changed in Section(s): 14 - Transportation Information Revision Statement(s) Changed		
<b>Datasheet produced by:</b>	Regulatory Department		

**HMIS Ratings:**

<b>Health:</b>	2*	<b>Flammability:</b>	2	<b>Physical Hazard:</b>	0	<b>Personal Protection:</b>	X
----------------	----	----------------------	---	-------------------------	---	-----------------------------	---

**NFPA Ratings:**

<b>Health:</b>	2	<b>Flammability:</b>	2	<b>Instability:</b>	0	<b>Physical &amp; Chemical:</b>	---
----------------	---	----------------------	---	---------------------	---	---------------------------------	-----

Legend: N.A. - Not Applicable, N.E. - Not Established, N.D. - Not Determined, N.I. - No Information

The information provided on this SDS is correct to the best of our knowledge, information and belief at the date of its publication. The information given is designed only as a guide for safe handling, use, processing, storage, transportation, disposal and release and is not to be considered as a warranty or quality specification. The information relates only to the specific material designated and may not be valid for such material used in combination with any other material or in any process, unless specified in the text.



