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**1. PRODUCT AND COMPANY IDENTIFICATION**

**1.1 Product identifiers**

Product Number: **85504**

Product name: **MARINE FORMULA WHITE PTFE LUBRICANT**

**1.2 Relevant identified uses of the substance or mixture and uses advised against**

Identified uses: Lubricant

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**2. HAZARDS IDENTIFICATION**

**2.1 Classification of the substance or mixture**

**GHS Classification in accordance with 29 CFR 1910 (OSHA HCS)**

Not Classified

**2.2 GHS Label elements, including precautionary statements**

Pictogram

None

Signal word: **No Signal Word**

Hazard statement(s)

No known significant effects or critical hazards.

Precautionary statement(s)

P262 Do not get in eyes, on skin, or on clothing.

P301 + P331 IF SWALLOWED: Do NOT induce vomiting.

P301 + P312 IF SWALLOWED: Call a POISON CENTER or doctor/physician if you feel unwell.

P302 + P352 IF ON SKIN: Wash with plenty of soap and water.

P305 + P351 +P338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.

**2.3 Hazards not otherwise classified or not covered by GHS**

No specific dangers known, if the regulations/notes for storage and handling are considered.

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# SAFETY DATA SHEET

Revision Date 05/19/2015  
PrintDate05/19/2015

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## 3. COMPOSITION/INFORMATION ON INGREDIENTS

### 3.1 Substances

#### Hazardous components

According to Regulation 2012 OSHA Hazard Communication Standard; 29 CFR Part 1910.1200

	<u>CASNUMBER</u>	<u>PERCENTAGE</u>
<b>Not a hazardous substance or mixture.</b>		

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## 4. FIRST AID MEASURES

### 4.1 Description of first aid measures

#### If inhaled

Remove exposed person to fresh air if adverse effects are observed.

#### In case of skin contact

Wash off with soap and plenty of water. Consult a physician if skin irritation occurs.

#### In case of eye contact

Rinse thoroughly with plenty of water for at least 15 minutes and consult a physician if irritation occurs.

#### If swallowed

Do NOT induce vomiting. Never give anything by mouth to an unconscious person. Rinse mouth with water. Consult a physician.

### 4.2 Most important symptoms and effects, both acute and delayed

The most important known symptoms and effects are described in the labelling (see section 2.2) and/or in section 11

### 4.3 Indication of any immediate medical attention and special treatment needed

Treat symptomatically.

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## 5. FIREFIGHTING MEASURES

### 5.1 Extinguishing media

#### Suitable extinguishing media

Use water spray, alcohol-resistant foam, dry chemical or carbon dioxide.

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

None known.

### 5.3 Advice for firefighters

Wear self contained breathing apparatus for fire fighting if necessary.

### 5.4 Further information

Use water spray to cool unopened containers.

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# SAFETY DATA SHEET

Revision Date 05/19/2015  
PrintDate05/19/2015

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## 6. ACCIDENTAL RELEASE MEASURES

### 6.1 Personal precautions, protective equipment and emergency procedures

Use personal protective equipment. For personal protection see section 8.

### 6.2 Environmental precautions

Prevent further leakage or spillage if safe to do so. Do not let product enter drains.

### 6.3 Methods and materials for containment and cleaning up

Contain spillage, and then collect and place in container for disposal according to local regulations (see section 13).

### 6.4 Reference to other sections

For disposal see section 13.

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## 7. HANDLING AND STORAGE

### 7.1 Precautions for safe handling

Avoid contact with skin and eyes. For precautions see section 2.2.

### 7.2 Conditions for safe storage, including any incompatibilities

Keep container tightly closed in a dry and well-ventilated place. Containers which are opened must be carefully resealed and kept upright to prevent leakage.

### 7.3 Specific end use(s)

Apart from the uses mentioned in section 1.2. No other specific uses are stipulated.

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## 8. EXPOSURE CONTROLS/PERSONAL PROTECTION

### 8.1 Control parameters

#### Components with workplace control parameters

White mineral oil (petroleum)	OSHA PEL ACGIH TLV	TWA 5mg/m <sup>3</sup> 8 hours TWA 5mg/m <sup>3</sup> 8 hours Form: Inhalable fraction.
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### 8.2 Exposure controls

#### Appropriate engineering controls

Handle in accordance with good industrial hygiene and safety practice. Wash hands before breaks and at the end of work day.

#### Personal protective equipment

##### Respiratory protection:

Wear respiratory protection if ventilation is inadequate.

##### Hand protection:

Chemical resistant protective gloves

##### Eye protection:

Safety glasses with side-shields. Wear face shield if splashing hazard exists.

##### General safety and hygiene measures:

Wear protective clothing as necessary to minimize contact. Handle in accordance with good industrial hygiene and safety practice. Eye wash fountains and safety showers must be easily accessible.

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# SAFETY DATA SHEET

Revision Date 05/19/2015  
Print Date 05/19/2015

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## 9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance:	Opaque paste
Odor:	Odorless
Odor threshold:	Not applicable
pH value:	No data available
Freezing point:	No data available
Boiling point:	No data available
Flash point:	> 442.2°F
Vapor pressure:	< 0.013 kPa
Density:	7.3 lbs/gal ( 25 °C)
Vapor density:	> 1 [Air = 1]
Auto-ignition temperature:	No data available.
Decomposition temperature:	No data available.
% Volatiles:	88.5%
Solubility in water:	Insoluble
Evaporation rate:	< 1 [n-Butyl Acetate = 1]
Other Information:	No data available.

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## 10. STABILITY AND REACTIVITY

### 10.1 Reactivity

No hazardous reactions if stored and handled as prescribed/indicated.

### 10.2 Chemical stability

Stable under recommended storage conditions.

### 10.3 Possibility of hazardous reactions

Under normal conditions of storage and use, hazardous reactions will not occur.

### 10.4 Conditions to avoid

No specific data.

### 10.5 Incompatible materials

No specific data.

### 10.6 Hazardous decomposition products

No hazardous decomposition products if stored and handled as prescribed/indicated.

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## 11. TOXICOLOGICAL INFORMATION

### 11.1 Information on toxicological effects

#### Acute toxicity

##### White Mineral Oil

LD50 Oral - rat - > 5000mg/kg LD50

Dermal - rabbit - > 2000mg/kg

#### Skin corrosion/irritation

No additional information.

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# SAFETY DATA SHEET

Revision Date 05/19/2015  
Print Date 05/19/2015

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## Serious eye damage/eye irritation

No additional information.

## Respiratory or skin sensitisation

No additional information.

## Germ cell mutagenicity

No additional information.

## Carcinogenicity

Contains no carcinogenic substances as defined by NTP, IARC and/or OSHA.

## Reproductive toxicity

No additional information.

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## 12. ECOLOGICAL INFORMATION

### 12.1 Toxicity

#### White Mineral Oil

Toxicity to fish LC50 - > 2,000 mg/l - 96 h

### 12.2 Persistence and degradability

No data available.

### 12.3 Bioaccumulative potential

#### White Mineral Oil

LogP<sub>ow</sub> > 6

### 12.4 Mobility in soil

No data available.

### 12.5 Other adverse effects

No data available.

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## 13. DISPOSAL CONSIDERATIONS

### 13.1 Waste treatment methods

#### Waste disposal of substance:

Dispose of in accordance with national, state and local regulations. It is the waste generator's responsibility to determine if a particular waste is hazardous under RCRA.

#### Container disposal:

Dispose of as unused product.

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## 14. TRANSPORT INFORMATION

### Land transport

USDOT Not classified as a dangerous good under transport regulations.

### Sea transport

IMDG Not classified as a dangerous good under transport regulations.

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# SAFETY DATA SHEET

Revision Date 05/19/2015

Print Date 05/19/2015

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## Air Transport

### IATA

Not classified as a dangerous good under transport regulations.

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## 15. REGULATORY INFORMATION

### SARA 302 Extremely Hazardous Substance

None listed.

### SARA 313 Components (TRI Reporting)

None listed.

### SARA 311/312 Hazard Categories

No SARA Hazards

### HMIS Rating

Health hazard: 1

Flammability: 1

Physical Hazard 0

### NFPA Rating

Health hazard: 1

Fire Hazard: 1

Reactivity Hazard: 0

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