

## Safety Data Sheet

WHMIS 2015

### Section 1: Company and Product Identification

#### 1.1. Product Identification: INDUSTRIAL/OILFIELD CHEMICAL

**Product Name:** **PFX-3508**

**Application:** WAX/PARAFFIN/ASPHALTENE BUSTER

#### 1.2. Product use(s) and applications advised against:

**Product use(s):** WAX/PARAFFIN/ASPHALTENE BUSTER

**Applications advised against:** Consult technical data sheet

#### 1.3. Details of the Supplier of the Safety Data Sheet

**Company:** Chemiphase Oil & Gas Ltd  
Ringtail Place  
Burscough  
Lancashire  
L40 8LA  
**Emergency Response:** CHEMTREC (24 hrs): +44 (0) 1704 894 808

### Section 2: Hazards Identification

#### 2.1 Classification of the Substance or Mixture

**Hazard Category:** Flammable Gases Cat 2  
Acute tox, oral Cat 4  
Serious eye damage/eye irritation Cat 2  
Aspiration hazard Cat 1

#### 2.2 GHS Label Elements

**Signal Word:** Danger

**Hazard Pictograms:**



**Hazard Statements:** H225: Highly flammable liquid and vapour  
H304: May be fatal if swallowed and enters airways  
H315: Causes skin irritation  
H336: May cause drowsiness or dizziness  
H361: Suspected of damaging fertility or the unborn child  
H373: May cause damage to organs through prolonged or repeated exposure

**Precautionary Statements:** P202: Do not handle until all safety precautions have been read and understood  
P210: Keep away from heat/sparks/open flames/hot surfaces – No smoking  
P223: Keep away from any possible contact with water, because of violent reaction and possible flash fire  
P240: Ground/bond container and receiving equipment  
P241: Use explosion-proof electrical/ventilating/light/.../equipment  
P242: Use only non-sparking tools

P243: Take precautionary measures against static discharge

P260: Do not breathe dust/fume/gas/mist/vapours/spray

P264: Wash thoroughly after handling

P280: Wear protective gloves/protective clothing/eye protection/face protection

Not applicable, none known.

## 2.3 Other Hazards

## Section 3: Composition / Information on Ingredients

### 3.1 Hazardous Components

Hazardous substance (name)	CAS#	Weight %
mixed hexane compounds	110-54-3	45-65
mixed furans	203-726-8	8-15
ALKYL POLYGLUCOSIDES C6-C12	110615-47-9	1-3
mixed butanol compounds	71-36-3	5-20
silicon derivative	7440-21-3	0.2-0.5
SLES surfactants	3088-31-1	5-20

### 3.2 Other Information

No further information.

## Section 4: First Aid Measures

### 4.1 Description of First Aid Measures

<b>General Info:</b>	Product may give off vapors in affecting the inhalation route. Ensure proper ventilation during application / curing. Seek medical treatment if any excessive exposures result in symptoms.
<b>If ingested:</b>	Rinse mouth. Seek medical attention if symptoms develop. Do not induce vomiting.
<b>If inhaled:</b>	Remove to fresh air. Obtain medical attention if respiratory symptoms or other symptoms develop. Inhalation may result in asthmatic symptoms or respiratory sensitization - monitor closely for symptoms of tightness in chest.
<b>Eye contact:</b>	Flush eyes with plenty of water for at least 15 minutes. Remove contact lenses if present and easy to do. Get medical attention if irritation develops or persists.
<b>Skin contact:</b>	Rinse with soap and water thoroughly. Get medical advice if irritation develops or persists. A PEG-400 oil, or corn oil may be an effective skin cleanser.

### 4.2 Most Important Symptoms and Effects, Acute and

<b>Notable Exposure symptoms:</b>	An allergic or asthmatic response (sensitization reaction), may occur in some exposed individuals. If these symptoms occur, seek medical attention
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## Section 5: Fire Fighting Measures

<b>5.1 Extinguishing Media</b>	Determined by surrounding material
<b>5.2 Special Hazards Arising from Mixture</b>	Water based, not flammable
<b>5.3 Advice for Firefighters / Protective equipment</b>	Firefighters should wear self-contained breathing apparatus (SCBA) and full protective equipment. Direct water spray may spread fire.

## Section 6: Accidental Release Measures

<b>6.1 Personal precautions, protective equipment and procedures:</b>	Wear appropriate personal protective equipment before approaching spill site. For small spills, dilute with water to sewer if allowed by local and state regulations. If unable to wash product with water, absorb with inert material (sand or other approved material) and dispose of in accordance with applicable
<b>6.2 Environmental Precautions:</b>	No special precautions.

**6.3 Methods and Materials for Containment and Cleanup** Solid material can be collected and gathered mechanically.

**6.4 References to Other Sections** For personal protection, see section 8 of the SDS. For disposal information, Section 13.

## Section 7: Handling and Storage

**7.1 Precautions for Safe Handling** Do not handle until all safety precautions have been read and understood. Ensure adequate ventilation. Avoid breathing vapors. Avoid contact with eyes, skin, and clothing. Avoid prolonged exposure. Wear appropriate personal protective equipment.

**7.2 Recommendations for Storage:** Store in cool area. Store away from strong acids or oxidizing agents. Refer to Section 10.

## Section 8: Exposure Control / Personal Protection

### 8.1 Components with Exposure Control

Substances with Exposure Limits	PEL	TLV-TWA	
n-hexane	n/a	50ppm	
THF	n/a	50ppm	

### 8.2 Exposure Controls

**Engineering Controls:** Ensure proper ventilation in enclosed spaces.

**Work Clothing:** Protective work clothing which covers skin and prevents exposures.

**Eye/face protection:** Safety glasses.

**Skin Protection:** Wear chemical resistant gloves.

**Respiratory Protection:** Utilize organic vapor respirator if airborne levels are not maintained below exposure limits, or if ventilation is inadequate.

**Environmental Exposure:** No special considerations. Avoid release of material to surface waters.

**Additional Information:** Observe good chemical hygiene practices. Do not smoke or eat while using this product. Wash hands or exposed skin after using the product. Cutting or grinding of the product may release substances which require monitoring (see chart above).

## Section 9: Physical and Chemical Properties

### 9.1 Physical/Chemical Properties

<b>State:</b> Liquid	<b>Melting Point:</b> Not avail	<b>Freezing Point:</b> <32deg F
<b>Color:</b> straw	<b>Boiling Point/Range:</b> ~65-75C	<b>pH:</b> 6.8-7.2
<b>Sp. Grav.</b> 0.88-.9	<b>Odor:</b> cherry	<b>Water Solubility:</b> Soluble
<b>Evaporation rate:</b> Not avail	<b>Flash Point:</b> 20degC	<b>Part. Coeff (n-oct/water):</b> Not avail
<b>Upper Flam Limits:</b> Not avail	<b>Lower Flam Limits:</b> Not avail	<b>Vapor Pressure:</b> Not avail
<b>VOC Content (%):</b> Not avail	<b>Viscosity:</b> Not avail	<b>Autoignition Temp:</b> Not avail

**9.2 Other Information** No further information.

## Section 10: Stability and Reactivity

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<b>10.1 Reactivity</b>	no non reactivity hazards associated with this product
<b>10.2 Chemical Stability</b>	Product is stable under normal conditions.
<b>10.3 Possibility of Hazardous Reactions</b>	no non reactivity hazards associated with this product
<b>10.4 Conditions to Avoid</b>	Avoid extreme temperatures, flame, oxidizers, and acids / bases.
<b>10.5 Incompatible Materials</b>	Oxidisers, strong acids/bases.
<b>10.6 Hazardous Decomposition</b>	Hazardous decomposition, toxic gases/vapours/fumes of carbon monoxide (CO) and carbon dioxide (CO <sub>2</sub> ) products

## Section 11: Toxicological Information

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### 11.1 Information on Toxicological Effects

<b>General Information:</b>	Product has not been tested. Potentially irritating or sensitizing to respiratory system.
<b>Acute Toxicity (Oral):</b>	Not Determined
<b>Acute Toxicity (Dermal):</b>	Not Determined
<b>Acute Toxicity (Inhalation):</b>	Not Determined
<b>Skin Corrosion / Irritation:</b>	Skin irritant
<b>Eye Corrosion / Irritation:</b>	May cause severe eye damage
<b>Sensitization:</b>	Respiratory and skin sensitization reactions possible.
<b>Carcinogenicity / Mutagenicity:</b>	Not available

## Section 12: Ecological Information

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<b>12.1 Toxicity</b>	Product has not been tested. Product is expected to have deleterious effects on aquatic organisms.
<b>12.2 Persistence and Degradability</b>	No specific data available. Product is not expected to rapidly degrade.
<b>12.3 Bioaccumulation Potential</b>	No specific data available. Product is not expected to bioaccumulate in biological tissue.
<b>12.4 Mobility in Soil</b>	No further information available.
<b>12.6 Other information</b>	No further information available.

## Section 13: Disposal Information

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### 13.1 Waste Treatment Methods

<b>Product disposal:</b>	Dispose of product in accordance with local, regional, and national regulations. Consult with waste contractor.
<b>Container disposal:</b>	Packaging of product may contain small amounts of residual product which can be discarded.

**Other** No further information.  
**considerations:**

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**Section 14: Transport Information**

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**UN NUMBER** **1993**  
**PROPER SHIPPING NAME** **Flammable Liquids n.o.s**  
**HAZARD CLASS** **3**  
**PACKING GROUP** **II**  
**OTHER:** **No further information**

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**Section 15: Regulatory Information**

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**Section 16: Other Information**

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**SDS Author:** Product Safety Dept.

**Expiry Date:**

30/04/2024

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