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Version: 1.4

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SECTION 1: Identificat	tion						
I.1. Identification							
Product form	: Substar						
Substance name	: VM&P I						
CAS-No.		•					
	: 68410-9		on Onternational and the little	en en el les tribune de les en en			
Synonyms	treated	naphtha (petroleum), light aliph., Pre naphtha, distillates, petroleum, light d hydrotreater stabilizer overhead liqu	distillate hydrotreating proces				
I.2. Recommended us	e and restrictions on use						
Use of the substance/mixtur	e : Industri	al Solvent					
Recommended use	: Industri	al use, Petrochemical industry, petro	leum refining, solvent				
Restrictions on use	: None known						
1.3. Supplier							
Atlanta Branch Office	Ocoee Branch Office	Spartanburg Branch Office					
Whitaker Oil Company	Whitaker Oil Company	Whitaker Chemicals LLC					
1557 Marietta Road NW	280 Enterprise Street		405 John Dodd Road				
	•						
Atlanta, GA 30318	Ocoee, FL 34761	Spartanburg, SC 29303					
404-355-8220 (t)	407-656.0088 (t)	864-578-6968 (t)					
404-355-2436 (f)	407-877-8335 (f)	864-578-6864 (f)					
WEBSITE: www.whitakeroil	.com EMAIL: SDS@whita	keroil.com					
I.4. Emergency teleph	one number						
Emergency number		REC 800-424-9300					
SECTION 2: Hazard(s)	identification						
	ne substance or mixture						
GHS US classification							
Flammable liquids Category Skin corrosion/irritation Cate		H225 Highly flammable li H315 Causes skin irritatio	• •				
	(single exposure) Category 3	H336 May cause drowsir					
Aspiration hazard Category		H304 May be fatal if swa					
Hazardous to the aquatic er	vironment - Chronic Hazard Cat	egory 2 H411 Toxic to aquatic life					
Full text of H statements : see	e section 16						
	nts, including precautionary st	atements					
GHS US labeling							
Hazard pictograms (GHS U	IS) :	$\land \land \land$					
			₩.				
		$\overline{}$					
Signal word (CUC UC)	. Der re	• • •	•				
Signal word (GHS US)	: Dange						
Hazard statements (GHS U		Highly flammable liquid and vapor May be fatal if swallowed and enters	airwave				
		Causes skin irritation	o an wayo				
		May cause drowsiness or dizziness					
		Toxic to aquatic life with long lasting	effects				
Precautionary statements (		Keep away from heat, hot surfaces,		er ignition sources. No			
	smokir		spano, opon numoo and oun				
	P233 -	Keep container tightly closed.					
	P240 -	Ground/Bond container and receivin					
		Use explosion-proof electrical, lighting	ng, ventilating equipment				
	P242 -	Use only non-sparking tools.	at atotia diaabarra				
		Take precautionary measures again Avoid breathing dust/fume/gas/mist/					
00/04/0040			vapois/spiay.				
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P264 - Wash Skin thoroughly after handling. P271 - Use only outdoors or in a well-ventilated area. P273 - Avoid release to the environment. P280 - Wear eye protection, face protection, protective clothing, protective gloves. P301+P310 - If swallowed: Immediately call a POISON CENTER or doctor/physician. P302+P352 - If on skin: Wash with plenty of soap and water. P303+P361+P353 - If on skin (or hair): Take off immediately all contaminated clothing. Rinse skin with water/shower P304+P340 - If inhaled: Remove person to fresh air and keep comfortable for breathing P312 - Call a poison center or doctor if you feel unwell P321 - Specific treatment (see supplemental first aid instruction on this safety data sheet) P331 - Do NOT induce vomiting. P332+P313 - If skin irritation occurs: Get medical advice/attention. P362+P364 - Take off contaminated clothing and wash it before reuse. P370+P378 - In case of fire: Use water fog, foam, dry chemical or carbon dioxide (CO2) to extinguish. P391 - Collect spillage. P403+P233 - Store in a well-ventilated place. Keep container tightly closed. P403+P235 - Store in a well-ventilated place. Keep cool. P405 - Store locked up. P501 - Dispose of contents/container in accordance with local, regional, national, and/or international regulations.

2.3. Other hazards which do not result in classification

No additional information available

### 2.4. Unknown acute toxicity (GHS US)

Not applicable

### SECTION 3: Composition/Information on ingredients

1. Substances					
Name	Product identifier	%	GHS US classification		
Distillates (petroleum), light distilate hydrotreating process, low-boiling (Main constituent)	(CAS-No.) 68410-97-9	100	Flam. Liq. 2, H225 Skin Irrit. 2, H315 STOT SE 3, H336 Asp. Tox. 1, H304 Aquatic Chronic 2, H411		

Full text of hazard classes and H-statements : see section 16

3.2. Mixtures

Not applicable

### SECTION 4: First-aid measures

4.1. Description of first aid measures

First-aid measures after inhalation

: Remove the victim into fresh air and keep at rest in a position comfortable for breathing. If it is suspected that fumes are still present, the rescuer should wear an appropriate mask or self-contained breathing apparatus. If not breathing, if breathing is irregular or if respiratory arrest occurs, provide artificial respiration or oxygen by trained professional. It may be dangerous to the person providing aid to give mouth to mouth resuscitation.

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First-aid measures after skin contact

: Flush contaminated skin with plenty of water. Remove contaminated clothing and shoes. Continue to rinse for at least 10 minutes. Get medical attention. Wash clothing before reuse. Clean shoes thoroughly before reuse.

First-aid measures after eye contact

: Rinse immediately with plenty of water for 15 minute contact lenses, if present and easy to do. Continue rinsing. Do not apply neutralizing agents. Take victim to an ophthalmologist.

First-aid measures after ingestion

: Get medical attention immediately. Call a poison center or physician. Wash out mouth with water. Remove dentures if any. Remove victim to fresh air and keep at rest in a position comfortable for breathing. If material has been swallowed and the exposed person is conscious, give small quantities of water to drink. Stop if the exposed person feels sick as vomiting may be dangerous. Aspiration hazard if swallowed. Can enter lungs and cause damage. Do not induce vomiting. If vomiting occurs, the head should be kept low so that vomit does not enter the lungs. Never give anything by mouth to an unconscious person. If unconscious, place in recovery position and get medical attention immediately. Maintain an open airway. Loosen tight clothing such as a collar, tie, belt or waistband.

ects (acute and delayed)
May be fatal if swallowed and enters airways. Causes skin irritation. May cause respiratory irritation. May cause drowsiness or dizziness. Causes serious eye damage. Caution! Substance is absorbed through the skin.
: May cause drowsiness or dizziness.
<ul> <li>Irritation of the respiratory tract. Irritation of the nasal mucous membranes. EXPOSURE TO HIGH CONCENTRATIONS: Dizziness. Headache. Narcosis. Mental confusion. Coordination disorders. Disturbances of consciousness.</li> </ul>
: Tingling/irritation of the skin.
: Corrosion of the eye tissue. Inflammation/damage of the eye tissue.
: Risk of aspiration pneumonia. Nausea. Vomiting. Abdominal pain.
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Chronic symptoms

: ON CONTINUOUS/REPEATED EXPOSURE/CONTACT: Skin rash/inflammation. Enlargement/affection of the liver. Affection of the renal tissue.

### 4.3. Immediate medical attention and special treatment, if necessary

Treat symptomatically.

Contact poison treatment specialist immediately if large quantities have been ingested or inhaled.

SECTION 5: Fire-fighting measure	
5.1. Suitable (and unsuitable) extingu	ishing media
Suitable extinguishing media	: Use dry chemical, CO2, water spray (fog) or foam.
Unsuitable extinguishing media	: Do not use water jet.
5.2. Specific hazards arising from the	e chemical
Fire hazard	: Highly flammable liquid and vapor. Runoff to sewer may create fire or explosion hazard. In a fire or if heated, a pressure increase will occur and the container may burst, with the risk of a subsequent explosion. This material is toxic to aquatic life with long lasting effects. Fire water contaminated with this material must be contained and prevented from being discharged to any waterway, sewer or drain.
5.3. Special protective equipment and	d precautions for fire-fighters
Firefighting instructions	: Cool tanks/drums with water spray/remove them into safety. Do not move the load if exposed to heat. Take account of environmentally hazardous firefighting water. Use water moderately and if possible collect or contain it.
	Promptly isolate the scene by removing all persons from the vicinity of the incident if there is a fire. No action shall be taken involving any personal risk or without suitable training.
Protection during firefighting	: Heat/fire exposure: compressed air/oxygen apparatus.
SECTION 6: Accidental release mo	easures
	equipment and emergency procedures
	administration and anticidation biological and
6.1.1. For non-emergency personnel	
Protective equipment	: Gloves. Protective goggles. Head/neck protection. Protective clothing. Large spills/in enclosed spaces: compressed air apparatus.
Emergency procedures	: Keep upwind. Mark the danger area. Consider evacuation. Seal off low-lying areas. Close doors and windows of adjacent premises. Stop engines and no smoking. No naked flames or sparks. Spark- and explosionproof appliances and lighting equipment. Keep containers closed. Wash contaminated clothes.
6.1.2. For emergency responders	
Protective equipment	: Do not attempt to take action without suitable protective equipment. For further information refer to section 8: "Exposure controls/personal protection".
6.2. Environmental precautions	
Prevent soil and water pollution. Prevent spre	pading in sewers.
6.3. Methods and material for contain	iment and cleaning up
For containment	: Contain released product, pump into suitable containers. Plug the leak, cut off the supply. Dam up the liquid spill. Try to reduce evaporation. Measure the concentration of the explosive gas- air mixture. Dilute/disperse combustible gas/vapour with water curtain. Provide equipment/receptacles with earthing. Do not use compressed air for pumping over spills.
Methods for cleaning up	: Take up liquid spill into inert absorbent material. Scoop absorbed substance into closing containers. Carefully collect the spill/leftovers. Damaged/cooled tanks must be emptied. Do not use compressed air for pumping over spills. Clean contaminated surfaces with an excess of water. Take collected spill to manufacturer/competent authority. Wash clothing and equipment after handling.
Other information	: Dispose of materials or solid residues at an authorized site.
6.4. Reference to other sections	
For further information refer to section 13	

For further information refer to section 13.

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<b>SECTION 7: Handling and storag</b>	e
7.1. Precautions for safe handling	
Precautions for safe handling	: Use spark-/explosionproof appliances and lighting system. Keep away from naked flames/heat. Keep away from ignition sources/sparks. Take precautions against electrostatic charges. Measure the concentration in the air regularly. Work under local exhaust/ventilation. Comply with the legal requirements. Remove contaminated clothing immediately. Clean contaminated clothing. Handle uncleaned empty containers as full ones. Thoroughly clean/dry the installation before use. Do not discharge the waste into the drain. Do not use compressed air for pumping over. Keep container tightly closed.
Hygiene measures	: Wash contaminated clothing before reuse. Do not eat, drink or smoke when using this product. Always wash hands after handling the product.
7.2. Conditions for safe storage, inc	luding any incompatibilities
Technical measures	: Ground/bond container and receiving equipment.
Storage conditions	Store in a well-ventilated place. Keep cool. Keep container tightly closed. Store locked up. Store in a segregated and approved area. Store in original container protected from direct sunlight in a dry, cool and well-ventilated area, away from incompatible materials.
	Eliminate all ignition sources. Separate from oxidizing materials. Keep container tightly closed until ready for use. Containers that have been opened must be carefully resealed and kept upright to prevent leakage. Do not store in unlabeled containers.

8.1. Control parame	ers						
	0.0						
VM&P Naphtha (6841	-97-9)						
ACGIH TLV (United Sta	es). TWA: 200 pr	om 8 hours					

8.2. Appropriate engineering controls
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Appropriate engineering controls	: Ensure good ventilation of the work station.
Environmental exposure controls	: Avoid release to the environment.

8.3. Individual protection measures/Personal protective equipment

### Materials for protective clothing:

GIVE GOOD RESISTANCE: PVA. GIVE POOR RESISTANCE: rubber

### Hand protection:

Chemical-resistant, impervious gloves complying with an approved standard should be worn at all times when handling chemical products if a risk assessment indicates this is necessary.

### Eye protection:

Safety glasses. If contact is possible, chemical splash goggles.

### Skin and body protection:

Head/neck protection. Protective clothing

#### **Respiratory protection:**

Full face mask with filter type A at conc. in air > exposure limit

<b>SECTION 9: Physical and </b>	chemical properties	
9.1. Information on basic ph	ysical and chemical properties	
Physical state	: Liquid	
Appearance	: Liquid.	
Color	: Clear. Colorless.	
Odor	: Hydrocarbon	
Odor threshold	: No data available	
pН	: No data available	
Melting point	: <-76 °F	
Freezing point	: No data available	

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: 245 - 300 °F
: 59 °F
: 0.987
: Not applicable.
: 2.1 kPa (16 mmHg) room temperature
: <= 1100 hPa
: 3
: 0.7358
: 1.01 - 1.04
: No data available
: Insoluble in water.
: No data available
: 536 - 878 °F
: No data available
: < 10 cSt
: No data available
: Lower: 1.4% Upper: 7.6%
: No data available
: No data available
: Gas/vapor heavier than air at 20°C. Volatile. May generate electrostatic charges.

SECTION 10: Stability and reactivity			
10.1. Reactivity			
No specific test data related to reactivity available	for this product or its ingredients.		
10.2. Chemical stability			
Stable under normal conditions.			
10.3. Possibility of hazardous reactions			
No dangerous reactions known under normal con	ditions of use.		
10.4. Conditions to avoid			
Avoid contact with hot surfaces. Heat. No flames,	no sparks. Eliminate all sources of ignition.		
10.5. Incompatible materials			
Oxidizing materials			
10.6. Hazardous decomposition products			
Under normal conditions of storage and use, haza	ardous decomposition products should not be produced.		
<b>SECTION 11: Toxicological informati</b>	on		
11.1. Information on toxicological effects			
Acute toxicity (oral)	: Not classified		
Acute toxicity (dermal)	: Not classified		
Acute toxicity (inhalation)	: Not classified		
Skin corrosion/irritation	: Causes skin irritation.		
Serious eye damage/irritation	: Not classified		
Respiratory or skin sensitization	: Not classified		
Germ cell mutagenicity	: Not classified.		
Carcinogenicity	: Not classified		
Reproductive toxicity	: Not classified		
Specific target organ toxicity – single exposure	: May cause drowsiness or dizziness.		
Specific target organ toxicity – repeated	: Not classified		

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<ul> <li>May be fatal if swallowed and enters airways.</li> <li>&lt; 10 cSt</li> </ul>
: May be fatal if swallowed and enters airways. Causes skin irritation. May cause respiratory irritation. May cause drowsiness or dizziness. Causes serious eye damage. Caution! Substance is absorbed through the skin.
: May cause drowsiness or dizziness.
<ul> <li>Irritation of the respiratory tract. Irritation of the nasal mucous membranes. EXPOSURE TO HIGH CONCENTRATIONS: Dizziness. Headache. Narcosis. Mental confusion. Coordination disorders. Disturbances of consciousness.</li> </ul>
: Tingling/irritation of the skin.
: Corrosion of the eye tissue. Inflammation/damage of the eye tissue.
: Risk of aspiration pneumonia. Nausea. Vomiting. Abdominal pain.
: ON CONTINUOUS/REPEATED EXPOSURE/CONTACT: Skin rash/inflammation. Enlargement/affection of the liver. Affection of the renal tissue.

SECTION 12: Ecological information		
12.1. Toxicity		
Ecology - general :	Dangerous for the environment.	
12.2. Persistence and degradability		
No additional information available		
12.3. Bioaccumulative potential		
VM&P Naphtha (68410-97-9)		
Bioaccumulative potential	No test data of component(s) available.	
12.4. Mobility in soil		
VM&P Naphtha (68410-97-9)		
Ecology - soil	No (test)data on mobility of the components available.	
42.5 Other advance official		

#### 12.5. Other adverse effects

No additional information available

contents/container in accordance with licensed collector's sorting instructions. charge into drains or the environment. Remove waste in accordance with local and/or gulations. Hazardous waste shall not be mixed together with other waste. Different azardous waste shall not be mixed together if this may entail a risk of pollution or
gulations. Hazardous waste shall not be mixed together with other waste. Different
blems for the further management of the waste. Hazardous waste shall be managed y. All entities that store, transport or handle hazardous waste shall take the measures to prevent risks of pollution or damage to people or animals. Recycle by Incinerate under surveillance with energy recovery.
imable)
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In accordance with DOT	
Transport document description	: UN1268 Petroleum distillates, n.o.s., 3, II
UN-No.(DOT)	: UN1268
Proper Shipping Name (DOT)	: Petroleum distillates, n.o.s.
Class (DOT)	: 3 - Class 3 - Flammable and combustible liquid 49 CFR 173.120
Packing group (DOT)	: II - Medium Danger

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Hazard labels (DOT)	: 3 - Flammable liquid
	rumane Experie
Dangerous for the environment Marine pollutant	: Yes : Yes
DOT Packaging Non Bulk (49 CFR 173.xxx)	: 202
DOT Packaging Bulk (49 CFR 173.xxx)	: 242
DOT Special Provisions (49 CFR 172.102)	<ul> <li>144 - If transported as a residue in an underground storage tank (UST), as defined in 40 CFR 280.12, that has been cleaned and purged or rendered inert according to the American Petroleum Institute (API) Standard 1604 (IBR, see 171.7 of this subchapter), then the tank and this material are not subject to any other requirements of this subchapter. However, sediments remaining in the tank that meet the definition for a hazardous material are subject to the applicable regulations of this subchapter.</li> <li>IB2 - Authorized IBCs: Metal (31A, 31B and 31N); Rigid plastics (31H1 and 31H2); Composite (31HZ1). Additional Requirement: Only liquids with a vapor pressure less than or equal to 110 kPa at 50 C (1.1 bar at 122 F), or 130 kPa at 55 C (1.3 bar at 131 F) are authorized.</li> <li>T7 - 4 178.274(d)(2) Normal</li></ul>
DOT Packaging Exceptions (49 CFR 173.xxx)	: 150
DOT Quantity Limitations Passenger aircraft/rail (49 CFR 173.27)	: 5L
DOT Quantity Limitations Cargo aircraft only (49 CFR 175.75)	: 60 L
DOT Vessel Stowage Location	: B - (i) The material may be stowed "on deck" or "under deck" on a cargo vessel and on a passenger vessel carrying a number of passengers limited to not more than the larger of 25 passengers, or one passenger per each 3 m of overall vessel length; and (ii) "On deck only" on passenger vessels in which the number of passengers specified in paragraph (k)(2)(i) of this section is exceeded.
Other information	: No supplementary information available.
Transportation of Dangerous Goods	
Transport by sea	
Transport document description (IMDG)	: UN 1268 petroleum products, n.o.s., 3, II, MARINE POLLUTANT/ENVIRONMENTALLY HAZARDOUS
UN-No. (IMDG)	: 1268
Proper Shipping Name (IMDG)	: petroleum products, n.o.s.
Class (IMDG)	: 3 - Flammable liquids
Packing group (IMDG)	: II - substances presenting medium danger
EmS-No. (1)	: F-E
EmS-No. (2)	: S-E

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Marine pollutant



### Air transport

Transport document description (IATA)	
UN-No. (IATA)	
Proper Shipping Name (IATA)	
Class (IATA)	
Packing group (IATA)	

: UN 1268 Petroleum products, n.o.s., 3, II, ENVIRONMENTALLY HAZARDOUS

: 1268

: Petroleum products, n.o.s.

- : 3 Flammable Liquids
- : II Medium Danger

### **SECTION 15: Regulatory information**

VM&P Naphtha (68410-97-9)	
Listed on the United States TSCA (Toxic Substances Control Act) inventory	
SARA Section 311/312 Hazard Classes	Health hazard - Skin corrosion or Irritation Physical hazard - Flammable (gases, aerosols, liquids, or solids) Health hazard - Aspiration hazard Health hazard - Specific target organ toxicity (single or repeated exposure)

All components of this product are listed, or excluded from listing, on the United States Environmental Protection Agency Toxic Substances Control Act (TSCA) inventory.

TSCA 8(a) CDR Exempt/ Partial exemption: This material is listed or exempted.

### 15.2. International regulations

### CANADA

**EU-Regulations** 

#### National regulations No additional information available

### 15.3. US State regulations

California Proposition 65 - This product does not contain any substances known to the state of California to cause cancer, developmental and/or reproductive harm

### **SECTION 16: Other information**

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Full text of H-phrases:

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
H411	Toxic to aquatic life with long lasting effects

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NFPA health hazard	: 1 – Exposure could cause irritation but only minor residual injury even if no treatment is given.
NFPA fire hazard	: 3 – Liquids and solids that can be ignited under almost all ambient conditions.
NFPA reactivity	: 0 – Normally stable, even under fire exposure conditions, and are not reactive with water.

### SDS US (GHS HazCom 2012)

The information above is believed to be accurate and represents the best information currently available to us. However, we make no warranty of merchantability or any other warranty, express or implied, with respect to such information, and we assume no liability resulting from its use. Users should make their own investigations to determine the suitability of the information for their particular purposes. Please be advised revisions to the Safety Data Sheet (SDS) may require a label update. In no event shall Whitaker Oil Company be liable for any claims, losses, or damages of any third party or for lost profits or any special, indirect, incidental, consequential or exemplary damages, howsoever arising, even if Whitaker Oil Company has been advised of the possibility of such damages. The vendor assumes no responsibility for injury or damages resulting from the inappropriate alteration or manipulation of this SDS and its contents from that originally submitted by Whitaker Oil Company