



**Section 1: Identification of the Substance/Mixture and of the Company/Undertaking**

**1.1 Product identifier**

**Product Name** • **Magnaseal Plus**

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

**Relevant identified use(s)** • Valve lubricant/sealant

**Use(s) advised against** • Oxygen service

**1.3 Details of the supplier of the safety data sheet**

**Manufacturer** • World Wide Oilfield Machine  
11809 Canemont Street  
Houston, TX 77035  
United States  
www.womusa.com

**Telephone (General)** • 713-729-9200

**1.4 Emergency telephone number**

**Manufacturer** • 713-729-9200

**Section 2: Hazards Identification**

**EU/EEC**

2016 the new Regulation (EU) 2016/679 on personal data protection was ... The Regulation replaces Directive 95/46/EC and reforms data protection rules

**2.1 Classification of the substance or mixture**

**CLP** • Not classified

**DSD/DPD** • Not classified

**2.2 Label Elements**

**CLP**

**Hazard statements** • No label element(s) required

**DSD/DPD**

**Risk phrases** • No label element(s) required

**2.3 Other Hazards**

**CLP** • According to Regulation (EC) No. 1272/2008 (CLP) this material is not considered hazardous.

**DSD/DPD** • According to European Directive 1999/45/EC this preparation is not considered dangerous.

**United States (US)**

According to OSHA 29 CFR 1910.1200 HCS

**2.1 Classification of the substance or mixture**

**OSHA HCS 2016** • Not classified

**2.2 Label elements**

## OSHA HCS 2016

**Hazard** • No label element(s) required  
statements

### 2.3 Other hazards

**OSHA HCS 2016** • This product is not considered hazardous under the U.S. OSHA 29 CFR 1910.1200 Hazard Communication Standard.

## Canada

According to WHMIS

### 2.1 Classification of the substance or mixture

**WHMIS** • Not classified

### 2.2 Label elements

**WHMIS** • No label element(s) required

### 2.3 Other hazards

**WHMIS** • In Canada, the product mentioned above is not considered hazardous under the Workplace Hazardous Materials Information System (WHMIS).

See Section 12 for Ecological Information.

## Section 3 - Composition/Information on Ingredients

### 3.1 Substances

• Material does not meet the criteria of a substance in accordance with Regulation (EC) No 1272/2008.

### 3.2 Mixtures

Hazardous Components					
Chemical Name	Identifiers	%(weight)	LD50/LC50	Classifications According to Regulation/Directive	Comments
Oleic acid, methyl ester, cis-	<b>CAS:</b> 112-62-9 <b>EINECS:</b> 203-992-5	59%	NDA	<b>EU DSD/DPD:</b> Not Classified - Criteria not met <b>EU CLP:</b> Not Classified - Classification criteria not met <b>OSHA HCS 2016:</b> Not Classified - Classification criteria not met	NDA
Sebacic acid, bis(2-ethylhexyl)ester	<b>CAS:</b> 122-62-3 <b>EINECS:</b> 204-558-8	21%	NDA	<b>EU DSD/DPD:</b> Not Classified - Criteria not met <b>EU CLP:</b> Not Classified - Classification criteria not met <b>OSHA HCS 2016:</b> Not Classified - Classification criteria not met	NDA
Stearic acid, 12-hydroxy-	<b>CAS:</b> 106-14-9 <b>EINECS:</b> 203-366-1	8%	NDA	<b>EU DSD/DPD:</b> Self Classified - Xi R38 <b>EU CLP:</b> Self Classified - Skin Irrit 2, H319 <b>OSHA HCS 2016:</b> Skin Irrit 2	NDA
Graphite	<b>CAS:</b> 7782-42-5 <b>EC Number:</b> 231-955-3	6%	NDA	<b>EU DSD/DPD:</b> Self Classified - Xn, R48/20 <b>EU CLP:</b> Self Classified - STOT RE 2 (Lungs) <b>OSHA HCS 2016:</b> STOT RE 2 (Lungs)	NDA
Molybdenum sulfide	<b>CAS:</b> 1317-33-5 <b>EC Number:</b> 215-	3%	Inhalation-Rat LC50 • >2820 mg/m <sup>3</sup> 4 Hour(s)	<b>EU DSD/DPD:</b> Not Classified - Criteria not met	NDA

	263-9			<b>EU CLP:</b> Not Classified - Classification criteria not met <b>OSHA HCS 2016:</b> Not Classified - Classification criteria not met	
Silica, amorphous fumed	<b>CAS:</b> 112945-52-5 <b>EC Number:</b>	3%	Ingestion/Oral-Rat LD50 • 3160 mg/kg	<b>EU DSD/DPD:</b> Not Classified - Classification criteria not met <b>EU CLP:</b> Not Classified - Classification criteria not met <b>OSHA HCS 2016:</b> Not Classified - Classification criteria not met	NDA

See Section 11 for Toxicological Information.

## Section 4 - First Aid Measures

### 4.1 Description of first aid measures

- Inhalation**
- Move victim to fresh air. Give artificial respiration if victim is not breathing. Administer oxygen if breathing is difficult.
- Skin**
- In case of contact with substance, immediately flush skin with running water for at least 20 minutes.
- Eye**
- In case of contact with substance, immediately flush eyes with running water for at least 20 minutes.
- Ingestion**
- Rinse mouth. Do not give anything by mouth to an unconscious person.

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

- Refer to Section 11 - Toxicological Information.

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

- Notes to Physician**
- No specific actions or treatments recommended related to exposure to this material.

## Section 5 - Firefighting Measures

### 5.1 Extinguishing media

- Suitable Extinguishing Media**
- LARGE FIRE: Water spray, fog or regular foam.  
SMALL FIRES: Dry chemical, CO<sub>2</sub>, water spray or regular foam.
- Unsuitable Extinguishing Media**
- None known.

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

- Unusual Fire and Explosion Hazards**
- None known.
- Hazardous Combustion Products**
- None known.

### 5.3 Advice for firefighters

- Wear positive pressure self-contained breathing apparatus (SCBA). Structural firefighters' protective clothing will only provide limited protection.

## Section 6 - Accidental Release Measures

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

- Personal Precautions**
- Do not touch or walk through spilled material.
- Emergency Procedures**
- No emergency procedures are expected to be necessary if material is used under ordinary conditions and as recommended. Keep unauthorized personnel away.

### 6.2 Environmental precautions

- Avoid run off to waterways and sewers.

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

- Containment/Clean-up Measures**
- Attempt to recover released or spilled material.
  - Pick up small spills with shovel or spatula.

## 6.4 Reference to other sections

- Refer to Section 8 - Exposure Controls/Personal Protection and Section 13 - Disposal Considerations.

## Section 7 - Handling and Storage

### 7.1 Precautions for safe handling

**Handling** • Do not use in areas without adequate ventilation.

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

**Storage** • Store in a cool/low-temperature, well-ventilated dry place away from heat and ignition sources. Keep container closed. Keep from direct sunlight.

### 7.3 Specific end use(s)

- Refer to Section 1.2 - Relevant identified uses.

## Section 8 - Exposure Controls/Personal Protection

### 8.1 Control parameters

Exposure Limits/Guidelines						
	Result	ACGIH	Canada Ontario	Canada Quebec	China	Germany DFG
Graphite (7782-42-5)	STELs	Not established	Not established	Not established	8 mg/m <sup>3</sup> STEL (total dust); 4 mg/m <sup>3</sup> STEL (respirable dust)	Not established
	TWAs	2 mg/m <sup>3</sup> TWA (all forms except graphite fibers, respirable fraction)	2 mg/m <sup>3</sup> TWA (except Graphite fibres, respirable)	2 mg/m <sup>3</sup> TWAEV (containing no Asbestos and <1% Crystalline silica, except Graphite fibres, respirable dust)	4 mg/m <sup>3</sup> TWA (total dust); 2 mg/m <sup>3</sup> TWA (respirable dust)	Not established
	MAKs	Not established	Not established	Not established	Not established	1.5 mg/m <sup>3</sup> TWA MAK (respirable fraction); 4 mg/m <sup>3</sup> TWA MAK (inhalable fraction)

### Exposure Limits/Guidelines (Con't.)

	Result	Indonesia	NIOSH	OSHA	Singapore
Graphite as Particulates not otherwise classified (PNOC)	TWAs	2 mg/m <sup>3</sup> TWA	2.5 mg/m <sup>3</sup> TWA (natural, respirable dust)	15 mg/m <sup>3</sup> TWA (synthetic, total dust); 5 mg/m <sup>3</sup> TWA (synthetic, respirable fraction)	2 mg/m <sup>3</sup> PEL (respirable dust)

### Exposure Limits Supplemental

#### OSHA

•Graphite (7782-42-5): **Mineral Dusts:** (15 mppcf TWA (natural))

#### ACGIH

•Graphite (7782-42-5): **TLV Basis - Critical Effects:** (pneumoconiosis (all forms except graphite fibers))

### 8.2 Exposure controls

#### Engineering

#### Measures/Controls

- Dilution ventilation. Adequate ventilation systems as needed to control concentrations of airborne contaminants below applicable threshold limit values.

#### Personal Protective Equipment

#### Respiratory

- In case of insufficient ventilation, wear suitable respiratory equipment.

#### Eye/Face

- Wear safety goggles.

#### Hands

- Wear appropriate gloves.

#### Skin/Body

- Wear long sleeves and/or protective coveralls.

**General Industrial Hygiene Considerations**

- Handle in accordance with good industrial hygiene and safety practice. Wash thoroughly with soap and water after handling and before eating, drinking, or using tobacco.

**Environmental Exposure Controls**

- Follow best practice for site management and disposal of waste.

**Section 9 - Physical and Chemical Properties****9.1 Information on Physical and Chemical Properties**

<b>Material Description</b>			
Physical Form	Liquid	Appearance/Description	Blue gray to black semi-solid with a slight odor.
Color	Blue gray to black.	Odor	Slight odor.
Particulate Type	Dust	Odor Threshold	Data lacking
<b>General Properties</b>			
Boiling Point	Data lacking	Melting Point	None
Decomposition Temperature	Data lacking	pH	Data lacking
Specific Gravity/Relative Density	1.05 Water=1	Water Solubility	Negligible < 0.1 %
Solvent Solubility	Data lacking	Viscosity	Data lacking
Explosive Properties	Data lacking	Oxidizing Properties:	Data lacking
<b>Volatility</b>			
Vapor Pressure	Data lacking	Vapor Density	Data lacking
Evaporation Rate	Data lacking		
<b>Flammability</b>			
Flash Point	291 C(555.8 F)	UEL	Data lacking
LEL	Data lacking	Autoignition	Data lacking
Flammability (solid, gas)	Data lacking		
<b>Environmental</b>			
Octanol/Water Partition coefficient	Data lacking		

**9.2 Other Information**

- No additional physical and chemical parameters noted.

**Section 10: Stability and Reactivity****10.1 Reactivity**

- No dangerous reaction known under conditions of normal use.

**10.2 Chemical stability**

- Stable under normal temperatures and pressures.

**10.3 Possibility of hazardous reactions**

- Hazardous polymerization will not occur.

**10.4 Conditions to avoid**

- Excess heat. Incompatible materials.

**10.5 Incompatible materials**

- Strong oxidizing agents, inorganic acids.

**10.6 Hazardous decomposition products**

- Sulfur Dioxide, Carbon Dioxide, Carbon Monoxide, Heavy Smoke.

**Section 11 - Toxicological Information**

## 11.1 Information on toxicological effects

Component Name	CAS	Data
Molybdenum sulfide (3%)	1317-33-5	<b>Acute Toxicity:</b> ihl-rat LC50:>2820 mg/m <sup>3</sup> /4H
Silica, amorphous fumed (3%)	112945-52-5	<b>Acute Toxicity:</b> orl-rat LD50:3160 mg/kg
GHS Properties		Classification
Acute toxicity		<sup>met</sup> EU/CLP•Classification criteria not met OSHA HCS 2016Classification criteria not
Aspiration Hazard		<sup>met</sup> EU/CLP•Classification criteria not met OSHA HCS 2016Classification criteria not
Carcinogenicity		<sup>met</sup> EU/CLP•Classification criteria not met OSHA HCS 2016Classification criteria not
Germ Cell Mutagenicity		<sup>met</sup> EU/CLP•Classification criteria not met OSHA HCS 2016Classification criteria not
Skin corrosion/Irritation		<sup>met</sup> EU/CLP•Classification criteria not met OSHA HCS 2016Classification criteria not
Skin sensitization		<sup>met</sup> EU/CLP•Classification criteria not met OSHA HCS 2016Classification criteria not
STOT-RE		<sup>met</sup> EU/CLP•Classification criteria not met OSHA HCS 2016Classification criteria not
STOT-SE		<sup>met</sup> EU/CLP•Classification criteria not met OSHA HCS 2016Classification criteria not
Toxicity for Reproduction		<sup>met</sup> EU/CLP•Classification criteria not met OSHA HCS 2016Classification criteria not
Respiratory sensitization		<sup>met</sup> EU/CLP•Classification criteria not met OSHA HCS 2016Classification criteria not
Serious eye damage/Irritation		<sup>met</sup> EU/CLP•Classification criteria not met OSHA HCS 2016Classification criteria not

**Medical Conditions** • Disorders of the lungs.

**Aggravated by Exposure**

### Potential Health Effects

#### Inhalation

**Acute (Immediate)** • Under normal conditions of use, no health effects are expected. This product contains encapsulated Molybdenum Disulfide Powder, no inhalation of free respirable dust is anticipated during the normal handling and use of this product.

**Chronic (Delayed)** • No data available

#### Skin

**Acute (Immediate)** • Under normal conditions of use, no health effects are expected. In contact with skin, this product may act as a mild irritant and allergen.

**Chronic (Delayed)** • No data available.

#### Eye

**Acute (Immediate)** • Under normal conditions of use, no health effects are expected. If product enters the eye, mechanical irritation may occur. Prolonged exposure may cause irritation.

**Chronic (Delayed)** • No data available.

#### Ingestion

**Acute (Immediate)** • Under normal conditions of use, no health effects are expected. If ingested, may cause mild irritation.

**Chronic (Delayed)** • No data available.

## Section 12 - Ecological Information

### 12.1 Toxicity

- Material data lacking however this material is not expected to cause harm to the aquatic environment.

### 12.2 Persistence and degradability

- Material data lacking.

### 12.3 Bioaccumulative potential

- Material data lacking.

### 12.4 Mobility in Soil

- Material data lacking.

### 12.5 Results of PBT and vPvB assessment

- PBT and vPvB assessments have not been carried out for this material.

### 12.6 Other adverse effects

#### Ecological Fate

- No data available.

#### Potential Environmental Effects

- No data available.

## Section 13 - Disposal Considerations

### 13.1 Waste treatment methods

**Product waste** • Dispose of content and/or container in accordance with local, regional, national, and/or international regulations.

**Packaging waste** • Dispose of content and/or container in accordance with local, regional, national, and/or international regulations.

## Section 14 - Transport Information

	14.1 UN number	14.2 UN proper shipping name	14.3 Transport hazard class(es)	14.4 Packing group	14.5 Environmental hazards
DOT	NDA	Not regulated	NDA	NDA	NDA
TDG	NDA	Not regulated	NDA	NDA	NDA
IMO/IMDG	NDA	Not regulated	NDA	NDA	NDA
IATA/ICAO	NDA	Not regulated	NDA	NDA	NDA

### 14.6 Special precautions for user

- None known.

### 14.7 Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code

- Not relevant.

## Section 15 - Regulatory Information

### 15.1 Safety, health and environmental regulations/legislation specific for the substance or mixture

#### SARA Hazard Classifications

- None

#### State Right To Know

Component	CAS	MA	NJ	PA
Oleic acid, methyl ester, cis-	112-62-9	No	No	No
Sebacic acid,	122-62-3	No	No	No

bis(2-ethylhexyl)ester				
Stearic acid, 12-hydroxy-	106-14-9	No	No	No
Graphite	7782-42-5	Yes	Yes	Yes
Molybdenum sulfide	1317-33-5	Yes	No	No
Silica, amorphous fumed	112945-52-5	No	No	No

### Inventory

Component	CAS	Canada DSL	Canada NDSL	China	EU EINECS	EU ELNICS
Oleic acid, methyl ester, cis-	112-62-9	Yes	No	Yes	Yes	No
Sebacic acid, bis(2-ethylhexyl)ester	122-62-3	Yes	No	Yes	Yes	No
Stearic acid, 12-hydroxy-	106-14-9	Yes	No	Yes	Yes	No
Graphite	7782-42-5	Yes	No	Yes	Yes	No
Molybdenum sulfide	1317-33-5	Yes	No	Yes	Yes	No
Silica, amorphous fumed	112945-52-5	Yes	No	Yes	No	No

### Inventory (Con't.)

Component	CAS	Japan ENCS	Korea KECL	TSCA
Oleic acid, methyl ester, cis-	112-62-9	Yes	Yes	Yes
Sebacic acid, bis(2-ethylhexyl)ester	122-62-3	Yes	Yes	Yes
Stearic acid, 12-hydroxy-	106-14-9	Yes	Yes	Yes
Graphite	7782-42-5	No	Yes	Yes
Molybdenum sulfide	1317-33-5	Yes	Yes	Yes
Silica, amorphous fumed	112945-52-5	Yes	Yes	No

## Australia

### Labor

#### Australia - Work Health and Safety Regulations - Hazardous Substances Requiring Health Monitoring

•Sebacic acid, bis(2-ethylhexyl)ester	122-62-3	21%	Not Listed
•Oleic acid, methyl ester, cis-	112-62-9	59%	Not Listed
•Molybdenum sulfide	1317-33-5	3%	Not Listed
•Stearic acid, 12-hydroxy-	106-14-9	8%	Not Listed
•Silica, amorphous fumed	112945-52-5	3%	Not Listed
•Graphite	7782-42-5	6%	Not Listed
•Graphite as Particulates not otherwise classified (PNOC)		6%	Not Listed

#### Australia - High Volume Industrial Chemicals List

•Sebacic acid, bis(2-ethylhexyl)ester	122-62-3	21%	Not Listed
•Oleic acid, methyl ester, cis-	112-62-9	59%	Not Listed
•Molybdenum sulfide	1317-33-5	3%	Not Listed
•Stearic acid, 12-hydroxy-	106-14-9	8%	Not Listed
•Silica, amorphous fumed	112945-52-5	3%	Not Listed
•Graphite	7782-42-5	6%	
•Graphite as Particulates not otherwise classified (PNOC)		6%	Not Listed

#### Australia - List of Designated Hazardous Substances - Classification

•Sebacic acid, bis(2-ethylhexyl)ester	122-62-3	21%	Not Listed
•Oleic acid, methyl ester, cis-	112-62-9	59%	Not Listed
•Molybdenum sulfide	1317-33-5	3%	Not Listed
•Stearic acid, 12-hydroxy-	106-14-9	8%	Not Listed
•Silica, amorphous fumed	112945-52-5	3%	Self classification required (respirable dust)
•Graphite	7782-42-5	6%	Self classification required (respirable dust, all forms except



fibres)  
 •Graphite as Particulates not otherwise classified  
 (PNOC) 6% Not Listed

## Environment

### Australia - National Pollutant Inventory (NPI) Substance List

•Sebacic acid, bis(2-ethylhexyl)ester	122-62-3	21%	Not Listed
•Oleic acid, methyl ester, cis-	112-62-9	59%	Not Listed
•Molybdenum sulfide	1317-33-5	3%	Not Listed
•Stearic acid, 12-hydroxy-	106-14-9	8%	Not Listed
•Silica, amorphous fumed	112945-52-5	3%	Not Listed
•Graphite	7782-42-5	6%	Not Listed
•Graphite as Particulates not otherwise classified (PNOC)		6%	Not Listed

### Australia - Ozone Protection Act - Scheduled Substances

•Sebacic acid, bis(2-ethylhexyl)ester	122-62-3	21%	Not Listed
•Oleic acid, methyl ester, cis-	112-62-9	59%	Not Listed
•Molybdenum sulfide	1317-33-5	3%	Not Listed
•Stearic acid, 12-hydroxy-	106-14-9	8%	Not Listed
•Silica, amorphous fumed	112945-52-5	3%	Not Listed
•Graphite	7782-42-5	6%	Not Listed
•Graphite as Particulates not otherwise classified (PNOC)		6%	Not Listed

### Australia - Priority Existing Chemical Program

•Sebacic acid, bis(2-ethylhexyl)ester	122-62-3	21%	Not Listed
•Oleic acid, methyl ester, cis-	112-62-9	59%	Not Listed
•Molybdenum sulfide	1317-33-5	3%	Not Listed
•Stearic acid, 12-hydroxy-	106-14-9	8%	Not Listed
•Silica, amorphous fumed	112945-52-5	3%	Not Listed
•Graphite	7782-42-5	6%	Not Listed
•Graphite as Particulates not otherwise classified (PNOC)		6%	Not Listed

## Canada

### Labor

#### Canada - WHMIS - Classifications of Substances

•Sebacic acid, bis(2-ethylhexyl)ester	122-62-3	21%	Not Listed
•Oleic acid, methyl ester, cis-	112-62-9	59%	Uncontrolled product according to WHMIS classification criteria
•Molybdenum sulfide	1317-33-5	3%	Uncontrolled product according to WHMIS classification criteria
•Stearic acid, 12-hydroxy-	106-14-9	8%	Not Listed
•Silica, amorphous fumed	112945-52-5	3%	Not Listed
•Graphite	7782-42-5	6%	D2A (natural); D2B (synthetic)
•Graphite as Particulates not otherwise classified (PNOC)		6%	Not Listed

#### Canada - WHMIS - Ingredient Disclosure List

•Sebacic acid, bis(2-ethylhexyl)ester	122-62-3	21%	Not Listed
•Oleic acid, methyl ester, cis-	112-62-9	59%	Not Listed
•Molybdenum sulfide	1317-33-5	3%	Not Listed
•Stearic acid, 12-hydroxy-	106-14-9	8%	Not Listed
•Silica, amorphous fumed	112945-52-5	3%	Not Listed
•Graphite	7782-42-5	6%	Not Listed
•Graphite as Particulates not otherwise classified (PNOC)		6%	Not Listed

## Environment

### Canada - CEPA - Priority Substances List

•Sebacic acid, bis(2-ethylhexyl)ester	122-62-3	21%	Not Listed
•Oleic acid, methyl ester, cis-	112-62-9	59%	Not Listed
•Molybdenum sulfide	1317-33-5	3%	Not Listed
•Stearic acid, 12-hydroxy-	106-14-9	8%	Not Listed
•Silica, amorphous fumed	112945-52-5	3%	Not Listed
•Graphite	7782-42-5	6%	Not Listed
•Graphite as Particulates not otherwise classified (PNOC)		6%	Not Listed

## Europe

## Other

### EU - CLP (1272/2008) - Annex VI - Table 3.2 - Classification

•Sebacic acid, bis(2-ethylhexyl)ester	122-62-3	21%	Not Listed
•Oleic acid, methyl ester, cis-	112-62-9	59%	Not Listed
•Molybdenum sulfide	1317-33-5	3%	Not Listed
•Stearic acid, 12-hydroxy-	106-14-9	8%	Not Listed
•Silica, amorphous fumed	112945-52-5	3%	Not Listed
•Graphite	7782-42-5	6%	Not Listed
•Graphite as Particulates not otherwise classified (PNOC)		6%	Not Listed

### EU - CLP (1272/2008) - Annex VI - Table 3.2 - Concentration Limits

•Sebacic acid, bis(2-ethylhexyl)ester	122-62-3	21%	Not Listed
•Oleic acid, methyl ester, cis-	112-62-9	59%	Not Listed
•Molybdenum sulfide	1317-33-5	3%	Not Listed
•Stearic acid, 12-hydroxy-	106-14-9	8%	Not Listed
•Silica, amorphous fumed	112945-52-5	3%	Not Listed
•Graphite	7782-42-5	6%	Not Listed
•Graphite as Particulates not otherwise classified (PNOC)		6%	Not Listed

### EU - CLP (1272/2008) - Annex VI - Table 3.2 - Labelling

•Sebacic acid, bis(2-ethylhexyl)ester	122-62-3	21%	Not Listed
•Oleic acid, methyl ester, cis-	112-62-9	59%	Not Listed
•Molybdenum sulfide	1317-33-5	3%	Not Listed
•Stearic acid, 12-hydroxy-	106-14-9	8%	Not Listed
•Silica, amorphous fumed	112945-52-5	3%	Not Listed
•Graphite	7782-42-5	6%	Not Listed
•Graphite as Particulates not otherwise classified (PNOC)		6%	Not Listed

### EU - CLP (1272/2008) - Annex VI - Table 3.2 - Notes - Substances and Preparations

•Sebacic acid, bis(2-ethylhexyl)ester	122-62-3	21%	Not Listed
•Oleic acid, methyl ester, cis-	112-62-9	59%	Not Listed
•Molybdenum sulfide	1317-33-5	3%	Not Listed
•Stearic acid, 12-hydroxy-	106-14-9	8%	Not Listed
•Silica, amorphous fumed	112945-52-5	3%	Not Listed
•Graphite	7782-42-5	6%	Not Listed
•Graphite as Particulates not otherwise classified (PNOC)		6%	Not Listed

### EU - CLP (1272/2008) - Annex VI - Table 3.2 - Safety Phrases

•Sebacic acid, bis(2-ethylhexyl)ester	122-62-3	21%	Not Listed
•Oleic acid, methyl ester, cis-	112-62-9	59%	Not Listed
•Molybdenum sulfide	1317-33-5	3%	Not Listed
•Stearic acid, 12-hydroxy-	106-14-9	8%	Not Listed
•Silica, amorphous fumed	112945-52-5	3%	Not Listed
•Graphite	7782-42-5	6%	Not Listed
•Graphite as Particulates not otherwise classified (PNOC)		6%	Not Listed

## India

### Environment

#### India - Hazardous Chemical Rules - List of Hazardous and Toxic Chemicals

•Sebacic acid, bis(2-ethylhexyl)ester	122-62-3	21%	Not Listed
•Oleic acid, methyl ester, cis-	112-62-9	59%	Not Listed
•Molybdenum sulfide	1317-33-5	3%	Not Listed
•Stearic acid, 12-hydroxy-	106-14-9	8%	Not Listed
•Silica, amorphous fumed	112945-52-5	3%	Not Listed
•Graphite	7782-42-5	6%	Not Listed
•Graphite as Particulates not otherwise classified (PNOC)		6%	Not Listed

#### India - Municipal Waste Regulations - Ambient Air Quality Acceptable Levels

•Sebacic acid, bis(2-ethylhexyl)ester	122-62-3	21%	Not Listed
•Oleic acid, methyl ester, cis-	112-62-9	59%	Not Listed
•Molybdenum sulfide	1317-33-5	3%	Not Listed
•Stearic acid, 12-hydroxy-	106-14-9	8%	Not Listed
•Silica, amorphous fumed	112945-52-5	3%	Not Listed
•Graphite	7782-42-5	6%	Not Listed
•Graphite as Particulates not otherwise classified (PNOC)		6%	Not Listed

#### India - Municipal Waste Regulations - Compost Quality Concentration Maximums

•Sebacic acid, bis(2-ethylhexyl)ester	122-62-3	21%	Not Listed
•Oleic acid, methyl ester, cis-	112-62-9	59%	Not Listed

•Molybdenum sulfide	1317-33-5	3%	Not Listed
•Stearic acid, 12-hydroxy-	106-14-9	8%	Not Listed
•Silica, amorphous fumed	112945-52-5	3%	Not Listed
•Graphite	7782-42-5	6%	Not Listed
•Graphite as Particulates not otherwise classified (PNOC)		6%	Not Listed

#### India - Municipal Waste Regulations - Drinking Water Quality Desirable Limits

•Sebacic acid, bis(2-ethylhexyl)ester	122-62-3	21%	Not Listed
•Oleic acid, methyl ester, cis-	112-62-9	59%	Not Listed
•Molybdenum sulfide	1317-33-5	3%	Not Listed
•Stearic acid, 12-hydroxy-	106-14-9	8%	Not Listed
•Silica, amorphous fumed	112945-52-5	3%	Not Listed
•Graphite	7782-42-5	6%	Not Listed
•Graphite as Particulates not otherwise classified (PNOC)		6%	Not Listed

#### India - Municipal Waste Regulations - Inland Surface Water Distribution Standards

•Sebacic acid, bis(2-ethylhexyl)ester	122-62-3	21%	Not Listed
•Oleic acid, methyl ester, cis-	112-62-9	59%	Not Listed
•Molybdenum sulfide	1317-33-5	3%	Not Listed
•Stearic acid, 12-hydroxy-	106-14-9	8%	Not Listed
•Silica, amorphous fumed	112945-52-5	3%	Not Listed
•Graphite	7782-42-5	6%	Not Listed
•Graphite as Particulates not otherwise classified (PNOC)		6%	Not Listed

#### India - Ozone Depleting Substances - Schedule I

•Sebacic acid, bis(2-ethylhexyl)ester	122-62-3	21%	Not Listed
•Oleic acid, methyl ester, cis-	112-62-9	59%	Not Listed
•Molybdenum sulfide	1317-33-5	3%	Not Listed
•Stearic acid, 12-hydroxy-	106-14-9	8%	Not Listed
•Silica, amorphous fumed	112945-52-5	3%	Not Listed
•Graphite	7782-42-5	6%	Not Listed
•Graphite as Particulates not otherwise classified (PNOC)		6%	Not Listed

#### India - Public Liability - Chemicals with Quantities Requiring Insurance

•Sebacic acid, bis(2-ethylhexyl)ester	122-62-3	21%	Not Listed
•Oleic acid, methyl ester, cis-	112-62-9	59%	Not Listed
•Molybdenum sulfide	1317-33-5	3%	Not Listed
•Stearic acid, 12-hydroxy-	106-14-9	8%	Not Listed
•Silica, amorphous fumed	112945-52-5	3%	Not Listed
•Graphite	7782-42-5	6%	Not Listed
•Graphite as Particulates not otherwise classified (PNOC)		6%	Not Listed

## Indonesia

### Environment

#### Indonesia - Hazardous Waste from Non-Specific Sources

•Sebacic acid, bis(2-ethylhexyl)ester	122-62-3	21%	Not Listed
•Oleic acid, methyl ester, cis-	112-62-9	59%	Not Listed
•Molybdenum sulfide	1317-33-5	3%	Not Listed
•Stearic acid, 12-hydroxy-	106-14-9	8%	Not Listed
•Silica, amorphous fumed	112945-52-5	3%	Not Listed
•Graphite	7782-42-5	6%	Not Listed
•Graphite as Particulates not otherwise classified (PNOC)		6%	Not Listed

#### Indonesia - Hazardous Waste from Specific Sources

•Sebacic acid, bis(2-ethylhexyl)ester	122-62-3	21%	Not Listed
•Oleic acid, methyl ester, cis-	112-62-9	59%	Not Listed
•Molybdenum sulfide	1317-33-5	3%	Not Listed
•Stearic acid, 12-hydroxy-	106-14-9	8%	Not Listed
•Silica, amorphous fumed	112945-52-5	3%	Not Listed
•Graphite	7782-42-5	6%	Not Listed
•Graphite as Particulates not otherwise classified (PNOC)		6%	Not Listed

#### Indonesia - Odour Level Standards

•Sebacic acid, bis(2-ethylhexyl)ester	122-62-3	21%	Not Listed
•Oleic acid, methyl ester, cis-	112-62-9	59%	Not Listed
•Molybdenum sulfide	1317-33-5	3%	Not Listed
•Stearic acid, 12-hydroxy-	106-14-9	8%	Not Listed
•Silica, amorphous fumed	112945-52-5	3%	Not Listed

•Graphite	7782-42-5	6%	Not Listed
•Graphite as Particulates not otherwise classified (PNOC)		6%	Not Listed
<b>Indonesia - Hazardous Waste from Overdue Chemicals</b>			
•Sebacic acid, bis(2-ethylhexyl)ester	122-62-3	21%	Not Listed
•Oleic acid, methyl ester, cis-	112-62-9	59%	Not Listed
•Molybdenum sulfide	1317-33-5	3%	Not Listed
•Stearic acid, 12-hydroxy-	106-14-9	8%	Not Listed
•Silica, amorphous fumed	112945-52-5	3%	Not Listed
•Graphite	7782-42-5	6%	Not Listed
•Graphite as Particulates not otherwise classified (PNOC)		6%	Not Listed

## Mexico

### Other

#### Mexico - Hazard Classifications

•Sebacic acid, bis(2-ethylhexyl)ester	122-62-3	21%	Not Listed
•Oleic acid, methyl ester, cis-	112-62-9	59%	Not Listed
•Molybdenum sulfide	1317-33-5	3%	Not Listed
•Stearic acid, 12-hydroxy-	106-14-9	8%	Not Listed
•Silica, amorphous fumed	112945-52-5	3%	Not Listed
•Graphite	7782-42-5	6%	Not Listed
•Graphite as Particulates not otherwise classified (PNOC)		6%	Not Listed

#### Mexico - Regulated Substances

•Sebacic acid, bis(2-ethylhexyl)ester	122-62-3	21%	Not Listed
•Oleic acid, methyl ester, cis-	112-62-9	59%	Not Listed
•Molybdenum sulfide	1317-33-5	3%	Not Listed
•Stearic acid, 12-hydroxy-	106-14-9	8%	Not Listed
•Silica, amorphous fumed	112945-52-5	3%	Not Listed
•Graphite	7782-42-5	6%	Not Listed
•Graphite as Particulates not otherwise classified (PNOC)		6%	Not Listed

## Singapore

### Labor

#### Singapore - Workplace Safety and Health (Medical Examinations) Regulations 2011

•Sebacic acid, bis(2-ethylhexyl)ester	122-62-3	21%	Not Listed
•Oleic acid, methyl ester, cis-	112-62-9	59%	Not Listed
•Molybdenum sulfide	1317-33-5	3%	Not Listed
•Stearic acid, 12-hydroxy-	106-14-9	8%	Not Listed
•Silica, amorphous fumed	112945-52-5	3%	Not Listed
•Graphite	7782-42-5	6%	Not Listed
•Graphite as Particulates not otherwise classified (PNOC)		6%	Not Listed

### Environment

#### Singapore - Air Impurities Emission Limits

•Sebacic acid, bis(2-ethylhexyl)ester	122-62-3	21%	Not Listed
•Oleic acid, methyl ester, cis-	112-62-9	59%	Not Listed
•Molybdenum sulfide	1317-33-5	3%	Not Listed
•Stearic acid, 12-hydroxy-	106-14-9	8%	Not Listed
•Silica, amorphous fumed	112945-52-5	3%	Not Listed
•Graphite	7782-42-5	6%	Not Listed
•Graphite as Particulates not otherwise classified (PNOC)		6%	Not Listed

#### Singapore - Dioxins/Furans Toxic Equivalency Factors (TEF)

•Sebacic acid, bis(2-ethylhexyl)ester	122-62-3	21%	Not Listed
•Oleic acid, methyl ester, cis-	112-62-9	59%	Not Listed
•Molybdenum sulfide	1317-33-5	3%	Not Listed
•Stearic acid, 12-hydroxy-	106-14-9	8%	Not Listed
•Silica, amorphous fumed	112945-52-5	3%	Not Listed
•Graphite	7782-42-5	6%	Not Listed
•Graphite as Particulates not otherwise classified (PNOC)		6%	Not Listed

#### Singapore - List of Hazardous Substances

•Sebacic acid, bis(2-ethylhexyl)ester	122-62-3	21%	Not Listed
•Oleic acid, methyl ester, cis-	112-62-9	59%	Not Listed
•Molybdenum sulfide	1317-33-5	3%	Not Listed

•Stearic acid, 12-hydroxy-	106-14-9	8%	Not Listed
•Silica, amorphous fumed	112945-52-5	3%	Not Listed
•Graphite	7782-42-5	6%	Not Listed
•Graphite as Particulates not otherwise classified (PNOC)		6%	Not Listed

#### **Singapore - Ozone Depleting Substances - Annex A - Group I**

•Sebacic acid, bis(2-ethylhexyl)ester	122-62-3	21%	Not Listed
•Oleic acid, methyl ester, cis-	112-62-9	59%	Not Listed
•Molybdenum sulfide	1317-33-5	3%	Not Listed
•Stearic acid, 12-hydroxy-	106-14-9	8%	Not Listed
•Silica, amorphous fumed	112945-52-5	3%	Not Listed
•Graphite	7782-42-5	6%	Not Listed
•Graphite as Particulates not otherwise classified (PNOC)		6%	Not Listed

#### **Singapore - Ozone Depleting Substances - Annex A - Group II**

•Sebacic acid, bis(2-ethylhexyl)ester	122-62-3	21%	Not Listed
•Oleic acid, methyl ester, cis-	112-62-9	59%	Not Listed
•Molybdenum sulfide	1317-33-5	3%	Not Listed
•Stearic acid, 12-hydroxy-	106-14-9	8%	Not Listed
•Silica, amorphous fumed	112945-52-5	3%	Not Listed
•Graphite	7782-42-5	6%	Not Listed
•Graphite as Particulates not otherwise classified (PNOC)		6%	Not Listed

## **United States**

### **Labor**

#### **U.S. - OSHA - Process Safety Management - Highly Hazardous Chemicals**

•Sebacic acid, bis(2-ethylhexyl)ester	122-62-3	21%	Not Listed
•Oleic acid, methyl ester, cis-	112-62-9	59%	Not Listed
•Molybdenum sulfide	1317-33-5	3%	Not Listed
•Stearic acid, 12-hydroxy-	106-14-9	8%	Not Listed
•Silica, amorphous fumed	112945-52-5	3%	Not Listed
•Graphite	7782-42-5	6%	Not Listed
•Graphite as Particulates not otherwise classified (PNOC)		6%	Not Listed

#### **U.S. - OSHA - Specifically Regulated Chemicals**

•Sebacic acid, bis(2-ethylhexyl)ester	122-62-3	21%	Not Listed
•Oleic acid, methyl ester, cis-	112-62-9	59%	Not Listed
•Molybdenum sulfide	1317-33-5	3%	Not Listed
•Stearic acid, 12-hydroxy-	106-14-9	8%	Not Listed
•Silica, amorphous fumed	112945-52-5	3%	Not Listed
•Graphite	7782-42-5	6%	Not Listed
•Graphite as Particulates not otherwise classified (PNOC)		6%	Not Listed

### **Environment**

#### **U.S. - CAA (Clean Air Act) - 1990 Hazardous Air Pollutants**

•Sebacic acid, bis(2-ethylhexyl)ester	122-62-3	21%	Not Listed
•Oleic acid, methyl ester, cis-	112-62-9	59%	Not Listed
•Molybdenum sulfide	1317-33-5	3%	Not Listed
•Stearic acid, 12-hydroxy-	106-14-9	8%	Not Listed
•Silica, amorphous fumed	112945-52-5	3%	Not Listed
•Graphite	7782-42-5	6%	Not Listed
•Graphite as Particulates not otherwise classified (PNOC)		6%	Not Listed

#### **U.S. - CERCLA/SARA - Hazardous Substances and their Reportable Quantities**

•Sebacic acid, bis(2-ethylhexyl)ester	122-62-3	21%	Not Listed
•Oleic acid, methyl ester, cis-	112-62-9	59%	Not Listed
•Molybdenum sulfide	1317-33-5	3%	Not Listed
•Stearic acid, 12-hydroxy-	106-14-9	8%	Not Listed
•Silica, amorphous fumed	112945-52-5	3%	Not Listed
•Graphite	7782-42-5	6%	Not Listed
•Graphite as Particulates not otherwise classified (PNOC)		6%	Not Listed

#### **U.S. - CERCLA/SARA - Section 302 Extremely Hazardous Substances EPCRA RQs**

•Sebacic acid, bis(2-ethylhexyl)ester	122-62-3	21%	Not Listed
•Oleic acid, methyl ester, cis-	112-62-9	59%	Not Listed
•Molybdenum sulfide	1317-33-5	3%	Not Listed
•Stearic acid, 12-hydroxy-	106-14-9	8%	Not Listed
•Silica, amorphous fumed	112945-52-5	3%	Not Listed

•Graphite	7782-42-5	6%	Not Listed
•Graphite as Particulates not otherwise classified (PNOC)		6%	Not Listed
<b>U.S. - CERCLA/SARA - Section 302 Extremely Hazardous Substances TPQs</b>			
•Sebacic acid, bis(2-ethylhexyl)ester	122-62-3	21%	Not Listed
•Oleic acid, methyl ester, cis-	112-62-9	59%	Not Listed
•Molybdenum sulfide	1317-33-5	3%	Not Listed
•Stearic acid, 12-hydroxy-	106-14-9	8%	Not Listed
•Silica, amorphous fumed	112945-52-5	3%	Not Listed
•Graphite	7782-42-5	6%	Not Listed
•Graphite as Particulates not otherwise classified (PNOC)		6%	Not Listed
<b>U.S. - CERCLA/SARA - Section 313 - Emission Reporting</b>			
•Sebacic acid, bis(2-ethylhexyl)ester	122-62-3	21%	Not Listed
•Oleic acid, methyl ester, cis-	112-62-9	59%	Not Listed
•Molybdenum sulfide	1317-33-5	3%	Not Listed
•Stearic acid, 12-hydroxy-	106-14-9	8%	Not Listed
•Silica, amorphous fumed	112945-52-5	3%	Not Listed
•Graphite	7782-42-5	6%	Not Listed
•Graphite as Particulates not otherwise classified (PNOC)		6%	Not Listed
<b>U.S. - CERCLA/SARA - Section 313 - PBT Chemical Listing</b>			
•Sebacic acid, bis(2-ethylhexyl)ester	122-62-3	21%	Not Listed
•Oleic acid, methyl ester, cis-	112-62-9	59%	Not Listed
•Molybdenum sulfide	1317-33-5	3%	Not Listed
•Stearic acid, 12-hydroxy-	106-14-9	8%	Not Listed
•Silica, amorphous fumed	112945-52-5	3%	Not Listed
•Graphite	7782-42-5	6%	Not Listed
•Graphite as Particulates not otherwise classified (PNOC)		6%	Not Listed
<b>U.S. - RCRA (Resource Conservation &amp; Recovery Act) - Hazardous Constituents - Appendix VIII to 40 CFR 261</b>			
•Sebacic acid, bis(2-ethylhexyl)ester	122-62-3	21%	Not Listed
•Oleic acid, methyl ester, cis-	112-62-9	59%	Not Listed
•Molybdenum sulfide	1317-33-5	3%	Not Listed
•Stearic acid, 12-hydroxy-	106-14-9	8%	Not Listed
•Silica, amorphous fumed	112945-52-5	3%	Not Listed
•Graphite	7782-42-5	6%	Not Listed
•Graphite as Particulates not otherwise classified (PNOC)		6%	Not Listed
<b>U.S. - RCRA (Resource Conservation &amp; Recovery Act) - List for Hazardous Constituents</b>			
•Sebacic acid, bis(2-ethylhexyl)ester	122-62-3	21%	Not Listed
•Oleic acid, methyl ester, cis-	112-62-9	59%	Not Listed
•Molybdenum sulfide	1317-33-5	3%	Not Listed
•Stearic acid, 12-hydroxy-	106-14-9	8%	Not Listed
•Silica, amorphous fumed	112945-52-5	3%	Not Listed
•Graphite	7782-42-5	6%	Not Listed
•Graphite as Particulates not otherwise classified (PNOC)		6%	Not Listed

## United States - California

### Environment

#### U.S. - California - Proposition 65 - Carcinogens List

•Sebacic acid, bis(2-ethylhexyl)ester	122-62-3	21%	Not Listed
•Oleic acid, methyl ester, cis-	112-62-9	59%	Not Listed
•Molybdenum sulfide	1317-33-5	3%	Not Listed
•Stearic acid, 12-hydroxy-	106-14-9	8%	Not Listed
•Silica, amorphous fumed	112945-52-5	3%	Not Listed
•Graphite	7782-42-5	6%	Not Listed
•Graphite as Particulates not otherwise classified (PNOC)		6%	Not Listed

#### U.S. - California - Proposition 65 - Developmental Toxicity

•Sebacic acid, bis(2-ethylhexyl)ester	122-62-3	21%	Not Listed
•Oleic acid, methyl ester, cis-	112-62-9	59%	Not Listed
•Molybdenum sulfide	1317-33-5	3%	Not Listed
•Stearic acid, 12-hydroxy-	106-14-9	8%	Not Listed
•Silica, amorphous fumed	112945-52-5	3%	Not Listed
•Graphite	7782-42-5	6%	Not Listed
•Graphite as Particulates not otherwise classified (PNOC)		6%	Not Listed

#### U.S. - California - Proposition 65 - Maximum Allowable Dose Levels (MADL)

•Sebacic acid, bis(2-ethylhexyl)ester	122-62-3	21%	Not Listed
---------------------------------------	----------	-----	------------

•Oleic acid, methyl ester, cis-	112-62-9	59%	Not Listed
•Molybdenum sulfide	1317-33-5	3%	Not Listed
•Stearic acid, 12-hydroxy-	106-14-9	8%	Not Listed
•Silica, amorphous fumed	112945-52-5	3%	Not Listed
•Graphite	7782-42-5	6%	Not Listed
•Graphite as Particulates not otherwise classified (PNOC)		6%	Not Listed

#### U.S. - California - Proposition 65 - No Significant Risk Levels (NSRL)

•Sebacic acid, bis(2-ethylhexyl)ester	122-62-3	21%	Not Listed
•Oleic acid, methyl ester, cis-	112-62-9	59%	Not Listed
•Molybdenum sulfide	1317-33-5	3%	Not Listed
•Stearic acid, 12-hydroxy-	106-14-9	8%	Not Listed
•Silica, amorphous fumed	112945-52-5	3%	Not Listed
•Graphite	7782-42-5	6%	Not Listed
•Graphite as Particulates not otherwise classified (PNOC)		6%	Not Listed

#### U.S. - California - Proposition 65 - Reproductive Toxicity - Female

•Sebacic acid, bis(2-ethylhexyl)ester	122-62-3	21%	Not Listed
•Oleic acid, methyl ester, cis-	112-62-9	59%	Not Listed
•Molybdenum sulfide	1317-33-5	3%	Not Listed
•Stearic acid, 12-hydroxy-	106-14-9	8%	Not Listed
•Silica, amorphous fumed	112945-52-5	3%	Not Listed
•Graphite	7782-42-5	6%	Not Listed
•Graphite as Particulates not otherwise classified (PNOC)		6%	Not Listed

#### U.S. - California - Proposition 65 - Reproductive Toxicity - Male

•Sebacic acid, bis(2-ethylhexyl)ester	122-62-3	21%	Not Listed
•Oleic acid, methyl ester, cis-	112-62-9	59%	Not Listed
•Molybdenum sulfide	1317-33-5	3%	Not Listed
•Stearic acid, 12-hydroxy-	106-14-9	8%	Not Listed
•Silica, amorphous fumed	112945-52-5	3%	Not Listed
•Graphite	7782-42-5	6%	Not Listed
•Graphite as Particulates not otherwise classified (PNOC)		6%	Not Listed

## United States - Pennsylvania

### Labor

#### U.S. - Pennsylvania - RTK (Right to Know) - Environmental Hazard List

•Sebacic acid, bis(2-ethylhexyl)ester	122-62-3	21%	Not Listed
•Oleic acid, methyl ester, cis-	112-62-9	59%	Not Listed
•Molybdenum sulfide	1317-33-5	3%	Not Listed
•Stearic acid, 12-hydroxy-	106-14-9	8%	Not Listed
•Silica, amorphous fumed	112945-52-5	3%	Not Listed
•Graphite	7782-42-5	6%	Not Listed
•Graphite as Particulates not otherwise classified (PNOC)		6%	Not Listed

#### U.S. - Pennsylvania - RTK (Right to Know) - Special Hazardous Substances

•Sebacic acid, bis(2-ethylhexyl)ester	122-62-3	21%	Not Listed
•Oleic acid, methyl ester, cis-	112-62-9	59%	Not Listed
•Molybdenum sulfide	1317-33-5	3%	Not Listed
•Stearic acid, 12-hydroxy-	106-14-9	8%	Not Listed
•Silica, amorphous fumed	112945-52-5	3%	Not Listed
•Graphite	7782-42-5	6%	Not Listed
•Graphite as Particulates not otherwise classified (PNOC)		6%	Not Listed

## United States - Rhode Island

### Labor

#### U.S. - Rhode Island - Hazardous Substance List

•Sebacic acid, bis(2-ethylhexyl)ester	122-62-3	21%	Not Listed
•Oleic acid, methyl ester, cis-	112-62-9	59%	Toxic
•Molybdenum sulfide	1317-33-5	3%	Not Listed
•Stearic acid, 12-hydroxy-	106-14-9	8%	Not Listed
•Silica, amorphous fumed	112945-52-5	3%	Not Listed
•Graphite	7782-42-5	6%	Toxic
•Graphite as Particulates not otherwise classified (PNOC)		6%	Toxic

## 15.2 Chemical Safety Assessment

- No Chemical Safety Assessment has been carried out.

---

### Section 16 - Other Information

**Last Revision Date** • 21/December/2016

**Preparation Date** • 14/February/2013

**Disclaimer/Statement of Liability** • The information herein is given in good faith, but no warranty, express or implied, is made. Consult World Wide Oilfield Machine, Inc. For further information: 713-729-9200.

**Key to abbreviations**

NDA = No data available

---