



Prepared according to Commission Regulation (EU) No 453/2010.

<b>Section 1</b>	<b>Identification of substance/mixture and of the company/undertaking</b>
------------------	---

**1.1 Product Identifier****CPI®-1516-150**

Synonyms None.

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

Relevant identified uses (see section 7.3 for information on REACH registered uses)

Formulated Industrial Lubricant.

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

CPI Engineering Services  
 2300 James Savage Rd.  
 Midland, MI 48642  
 Phone: 989-496-3780  
 Fax: 989-496-0316

E-mail contact EUSDS@lubrizol.com (Lubrizol Safety Data Sheets can be obtained at www.mylubrizol.com)

**1.4 Emergency Telephone number**

FOR TRANSPORT EMERGENCY call CHEMTREC: (+1) 703-527-3887 (outside the U.S.), 1-800-424-9300 (in the U.S.)

<b>Section 2</b>	<b>Hazards Identification</b>
------------------	-------------------------------

**2.1 Classification of the substance or mixture**

(EC) No 1272/2008

Aquatic Chronic 3; H412

67/548/EC or 1999/45/EC

R52/53

For a full text of R- and H- phrases: See section 16

**2.2 Label elements**

(EC) No 1272/2008

Harmful to aquatic life with long lasting effects.

Avoid release to the environment.

IF SWALLOWED: Call a poison center or doctor if exposed or you feel unwell.

All disposal practices must be in accordance with local, national and international regulations.

**Supplemental label information**

Contains (Arylamine). May produce an allergic reaction.

**2.3 Other hazards**

None identified.

<b>Section 3</b>	<b>Composition/Information on Ingredients</b>
------------------	---

**3.2 Mixtures**

(EC) No 1272/2008

EC No.	Registration Number	Percentage (by wt.)	Name	Classification
201-983-0	01-2119488764-27	From 0.1 to 0.9 percent	N-1-naphthylaniline	Acute Tox. 4; H302 Aquatic Acute 1; H400 Aquatic Chronic 1; H410 Skin Sens. 1; H317 STOT RE 2; H373

67/548/EC or 1999/45/EC

EC No.	Registration Number	Percentage (by wt.)	Name	Classification
201-983-0	01-2119488764-27	From 0.1 to 0.9 percent	N-1-naphthylaniline	67/548/EC N Xi R43 R50/53

600, 700, 800 and 900 ECHA List Numbers do not have any legal significance; rather they are purely technical identifiers and are displayed for informational purposes only.

<b>Section 4</b>	<b>First Aid Measures</b>
------------------	---------------------------

#### 4.1 Description of first aid measures

##### Skin

Wash with soap and water. Get medical attention if irritation develops. Launder contaminated clothing before reuse.

##### Eyes

Flush with water at least 30 minutes. Get medical attention if eye irritation develops or persists.

##### Inhaled

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

##### Swallowed

DO NOT INDUCE VOMITING. Get immediate medical attention. Call a poison center or doctor if exposed or you feel unwell.

##### Advice for first-aid providers

When providing first aid always protect yourself against exposure to chemicals or blood born diseases by wearing gloves, masks and eye protection. After providing first aid wash your exposed skin with soap and water.

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

See section 11.

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

Note to physician: Treat symptomatically.

<b>Section 5</b>	<b>Fire Fighting Measures</b>
------------------	-------------------------------

#### 5.1 Extinguishing Media

CO<sub>2</sub>, dry chemical, or foam. Water can be used to cool and protect exposed material.

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

See section 10 for additional information.

#### 5.3 Advice for firefighters

Recommend wearing self-contained breathing apparatus. Water may be ineffective fighting fires.

<b>Section 6</b>	<b>Accidental Release Measures</b>
------------------	------------------------------------

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

Personal protective equipment must be worn. Ventilate area if spilled in a confined space or other poorly ventilated area.

#### 6.2 Environmental precautions

Take precautions to avoid release to the environment. Prevent from entering into soil, ditches, sewers, waterways and/or groundwater.

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

Pick up free liquid for recycle and/or disposal. Residual liquid can be absorbed on inert material.

#### 6.4 Reference to other sections

See sections 8 and 13 for additional information.

<b>Section 7</b>	<b>Handling and Storage</b>
------------------	-----------------------------

#### 7.1 Precautions for safe handling

Keep containers closed when not in use. Do not discharge into drains or the environment, dispose to an authorized waste collection point. Use appropriate containment to avoid environmental contamination. Wash thoroughly after handling. Launder contaminated clothing before reuse. Empty container contains product residue which may exhibit hazards of product. Dispose of packaging or containers in accordance with local, regional, national and international regulations.

##### Pumping Temperature

Not determined.

##### Maximum Handling Temperature

Not determined.

##### Maximum Loading Temperature

Not determined.

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

Take precautions to avoid release to the environment. See section 10 for incompatible materials.

### 7.3 Specific end use(s)

End uses are listed in an attached exposure scenario when one is required.

Section 8	Exposure Controls/Personal Protection
-----------	---------------------------------------

#### 8.1 Control parameters

None known.

#### Other Exposure Limits

None known.

#### 8.2 Exposure controls

Use with adequate ventilation.

#### Eye/face protection

Safety Glasses.

#### Skin protection

Use nitrile or neoprene gloves.

Long sleeve shirt is recommended. Launder contaminated clothing before reuse.

#### Respiratory Protection

Use respirator with a combination organic vapor and high efficiency filter cartridge if recommended exposure limit is exceeded. Use self-contained breathing apparatus for entry into confined space, for other poorly ventilated areas and for large spill clean-up sites.

#### Hygiene Measures

Wash thoroughly after handling this product.

#### Environmental exposure controls

See section 6 for details.

Section 9	Physical and Chemical Properties
-----------	----------------------------------

#### 9.1 Information on basic physical and chemical properties

<b>Appearance</b>	Clear to yellow liquid.
<b>Odour</b>	Mild
<b>Odour Threshold</b>	Not determined.
<b>pH</b>	Not determined.
<b>Melting / Freezing Point</b>	Not determined.
<b>Boiling Point</b>	Not determined.
<b>Boiling Point Range</b>	Not determined.
<b>Flash Point</b>	260 °C, 500 °F COC (Typical)
<b>Evaporation Rate</b>	Not determined.
<b>Flammability (solid,gas)</b>	Not applicable.
<b>Lower flammability or explosive limit</b>	Not determined.
<b>Upper flammability or explosive limit</b>	Not determined.
<b>Vapour Pressure</b>	Not determined.
<b>Vapour Density</b>	Not determined.
<b>Relative density</b>	1 (15.6 °C)
<b>Bulk Density</b>	8.29 Lb/gal, 0.99 Kg/L
<b>Water Solubility</b>	Soluble.
<b>Other solubilities</b>	Not determined.
<b>Partition coefficient: n-octanol/water</b>	Not determined.
<b>Autoignition Point</b>	Not determined.
<b>Decomposition Temperature</b>	Not determined.
<b>Viscosity</b>	153 Centistokes (40 °C) 23.5 Centistokes (100 °C)
<b>Explosive properties</b>	Material does not have explosive properties.
<b>Oxidising properties</b>	Material is a non-oxidising substance.

**9.2 Other information**

**Pour Point  
Temperature** -34 °C, -29 °F

*The above data are typical values and do not constitute a specification.*

<b>Section 10</b>	<b>Stability and Reactivity</b>
-------------------	---------------------------------

**10.1 Reactivity**

Carefully review all information provided in sections 10.2 - 10.6.

**10.2 Chemical stability**

Material is normally stable at moderately elevated temperatures and pressures.

**10.3 Possibility of hazardous reactions**

Will not occur.

**10.4 Conditions to avoid**

Not determined.

**10.5 Incompatible materials**

Strong oxidizing agents.

**10.6 Hazardous decomposition products**

Smoke, carbon monoxide, carbon dioxide, aldehydes and other products of incomplete combustion.

<b>Section 11</b>	<b>Toxicological Information</b>
-------------------	----------------------------------

**11.1 Information on toxicological effects****Acute toxicity****Oral**

The LD50 in rats is 2000 – 5000 mg/Kg. Based on data from components or similar materials. Swallowing material may cause irritation of the gastrointestinal lining, nausea, vomiting, diarrhea, and abdominal pain.

**Dermal**

The LD50 in rabbits is > 2000 mg/Kg. Based on data from components or similar materials.

**Inhalation**

The LC50 (4 hr.) in rats for vapors of this material is > 200 mg/l. Based on data from components or similar materials.

**Skin corrosion / irritation**

Not expected to be a primary skin irritant. Based on data from components or similar materials.

**Serious eye damage / irritation**

Not expected to cause eye irritation. Based on data from components or similar materials.

**Respiratory Irritation**

Overexposure to thermal decomposition products produced by high processing temperatures may be irritating to the respiratory tract.

**Respiratory or skin sensitization****Skin**

No data available to indicate product or components may be a skin sensitizer.

**Respiratory**

No data available to indicate product or components may be respiratory sensitizers.

**Germ cell mutagenicity**

N-phenyl-1-naphthylamine is not mutagenic in most mutagenicity studies but did induce a slight increase in unscheduled DNA synthesis in human cells and a significant increase in sister chromatid exchange rates after incubation in rat liver S9 fraction.

**Carcinogenicity**

No data available to indicate any components present at greater than 0.1% may present a carcinogenic hazard.

**Reproductive Toxicity**

No data available to indicate either product or components present at greater than 0.1% that may cause reproductive toxicity.

**STOT repeated exposure**

No data available to indicate product or components present at greater than 1% are chronic health hazards.

**Other information**

No other health hazards known.

<b>Section 12</b>	<b>Ecological Information</b>
-------------------	-------------------------------

**12.1 Toxicity****Freshwater fish**

The acute LC50 is 10 - 100 mg/L based on component data.

**Freshwater invertebrates**

The acute EC50 is 10 - 100 mg/L based on component data. Chronic effects expected at 1 - 10 mg/L based on component data.

**Algae**

The acute EC50 is 10 - 100 mg/L based on component data.

**Saltwater fish**

Not determined.

**Saltwater invertebrates**

Not determined.

**Bacteria**

Not determined.

**12.2 Persistence and degradability**

Substance	Pct. (weight)	Test type	Duration (days)	Pct. degradation
N-1-naphthylaniline	From 0.1 to 0.9 percent	MITI 1	28	0

**12.3 Bioaccumulative potential**

Substance	Pct. (weight)	Test type	Duration (days)	Log Kow or BCF
N-1-naphthylaniline	From 0.1 to 0.9 percent	Bioconcentration Factor	56	3.4
N-1-naphthylaniline	From 0.1 to 0.9 percent	Octanol- Water Coefficient	0.1	4.2

**12.4 Mobility in soil**

Not applicable.

**12.5 Results of PBT and vPvB assessment**

Not Available

**12.6 Other adverse effects**

None known.

<b>Section 13</b>	<b>Disposal Considerations</b>
-------------------	--------------------------------

**13.1 Waste treatment methods**

All disposal practices must be in accordance with local, regional, national and international regulations. Do not dispose in landfill.

Dispose of packaging or containers in accordance with local, regional, national and international regulations.

<b>Section 14</b>	<b>Transport Information</b>
-------------------	------------------------------

**14.1 UN number**

<b>ADR/RID</b>	Not regulated
<b>ICAO</b>	Not regulated
<b>IMDG</b>	Not regulated

**14.2 UN proper shipping name**

<b>ADR/RID</b>	Not regulated
<b>ICAO</b>	Not regulated
<b>IMDG</b>	Not regulated

**14.3 Transport hazard class(es)**

<b>ADR/RID</b>	Not regulated
<b>ICAO</b>	Not regulated
<b>IMDG</b>	Not regulated

**14.4 Packing group**

<b>ADR/RID</b>	Not regulated
<b>ICAO</b>	Not regulated
<b>IMDG</b>	Not regulated

**14.5 Environmental hazards**

<b>ADR/RID</b>	Not applicable.
<b>ICAO</b>	Not applicable.
<b>IMDG</b>	Not applicable.

**14.6 Special precautions for users**

Review classification requirements before shipping materials at elevated temperatures.

<b>Section 15</b>	<b>Regulatory Information</b>
-------------------	-------------------------------

**15.1 Safety, health and environment regulations / legislation specific for the substance or mixture****Global Chemical Inventories**

<b>Australia</b>	All components are in compliance with chemical notification requirements in Australia.
<b>Canada</b>	All components are in compliance with the Canadian Environmental Protection Act and are present on the Domestic Substances List.
<b>China</b>	All components of this product are listed on the Inventory of Existing Chemical Substances in China.
<b>EU</b>	To obtain information on the REACH compliance status of this product, please visit <a href="http://Lubrizol.com/REACH">Lubrizol.com/REACH</a> , or e-mail us at <a href="mailto:REACH_MSDS_INQUIRIES@Lubrizol.com">REACH_MSDS_INQUIRIES@Lubrizol.com</a>
<b>Japan</b>	All components are in compliance with the Chemical Substances Control Law of Japan.
<b>Korea</b>	All components are in compliance in Korea.
<b>New Zealand</b>	All components are in compliance with chemical notification requirements in New Zealand.
<b>Philippines</b>	All components are in compliance with the Philippines Toxic Substances and Hazardous and Nuclear Wastes Control Act of 1990 (R.A. 6969).
<b>Switzerland</b>	All components are in compliance with the Environmentally Hazardous Substances Ordinance in Switzerland.
<b>Taiwan</b>	May require notification before sale in Taiwan.
<b>USA</b>	All components of this material are on the US TSCA Inventory or are exempt.

**German water hazard classes**

WGK = 2 according to the Water Hazardous Directive, VwVwS, dated May 17, 1999.

**15.2 Chemical safety assessment**

No chemical safety assessment has been carried out.

<b>Section 16</b>	<b>Other Information</b>
-------------------	--------------------------

**Created by**

Product Safety and Compliance Department (440-943-1200)

**Created Date**

11 January 2010

**Revision date**

27 June 2013

**SDS No.**

33222601-1421396-1017311-102103

**HMIS Codes**

Health	Fire	Reactivity
1	1	0

**Relevant R Phrases**

R43 -- May cause sensitisation by skin contact.

R50/53 -- Very toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment.

R52/53 -- Harmful to aquatic organisms, may cause long-term adverse effects in the aquatic environment.

**Relevant hazard phrases**

H302 - Harmful if swallowed.

H317 - May cause an allergic skin reaction.

H373 - May cause damage to organs through prolonged or repeated exposure.

H400 - Very toxic to aquatic life.

H410 - Very toxic to aquatic life with long lasting effects.

H412 - Harmful to aquatic life with long lasting effects.

**Revision Indicators**

Section: 15 New Zealand

Changed: 27 June 2013

*As the conditions or methods of use are beyond our control, we do not assume any responsibility and expressly disclaim any liability for any use of this product. Information contained herein is believed to be true and accurate but all statements or suggestions are made without warranty, expressed or implied, regarding accuracy of the information, the hazards connected with the use of the material or the results to be obtained from the use thereof. Compliance with all applicable federal, state, and local regulations remains the responsibility of the user.*