

# Safety Data Sheet

acc. to OSHA HCS

Printing date 02/20/2015

Reviewed on 02/20/2015

## 1 Identification

- **Product identifier:** *Cen-Pe-Co All Purpose Two-Cycle Oil*
- **Trade name:** *Cen-Pe-Co All Purpose Two-Cycle Oil*
- **Recommended use:** *Lubricating oil for use in 2-cycle gasoline engines*
- **Details of the supplier of the safety data sheet**
- **Manufacturer/Supplier:**  
*Central Petroleum Company  
 201 East Lincoln Street  
 Walcott, IA 52773-0116*
- **Telephone Number:** *(563) 284-6221*
- **Emergency telephone number:** *CHEMTREC 800-424-9300*

## 2 Hazard(s) identification

- **Classification of the substance or mixture**



GHS08 Health hazard

Asp. Tox. 1      H304 May be fatal if swallowed and enters airways.



GHS07

Skin Irrit. 2      H315 Causes skin irritation.  
 Eye Irrit. 2A      H319 Causes serious eye irritation.

Aquatic Chronic 3 H412 Harmful to aquatic life with long lasting effects.

- **Label elements**
- **GHS label elements** *The product is classified and labeled according to the Globally Harmonized System (GHS).*
- **Hazard pictograms**



GHS07    GHS08

- **Signal word** *Danger*
- **Hazard-determining components of labeling:**  
*Solvent naphtha (petroleum) heavy aliph.*
- **Hazard statements**  
*Causes skin irritation.  
 Causes serious eye irritation.  
 May be fatal if swallowed and enters airways.  
 Harmful to aquatic life with long lasting effects.*
- **Precautionary statements**  
*If medical advice is needed, have product container or label at hand.  
 Keep out of reach of children.  
 Read label before use.  
 Wear protective gloves.  
 Wear eye protection / face protection.*

(Contd. on page 2)

USA

# Safety Data Sheet

acc. to OSHA HCS

Printing date 02/20/2015

Reviewed on 02/20/2015

**Trade name: Cen-Pe-Co All Purpose Two-Cycle Oil**

(Contd. of page 1)

Avoid release to the environment.

Wash thoroughly after handling.

If swallowed: Immediately call a poison center/doctor.

If in eyes: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do.

Continue rinsing.

Specific treatment (see on this label).

If skin irritation occurs: Get medical advice/attention.

If eye irritation persists: Get medical advice/attention.

Do NOT induce vomiting.

If on skin: Wash with plenty of water.

Take off contaminated clothing and wash it before reuse.

Store locked up.

Dispose of contents/container in accordance with local/regional/national/international regulations.

· **Classification system:**

· **NFPA ratings (scale 0 - 4)**



Health = 0

Fire = 1

Reactivity = 0

· **HMIS-ratings (scale 0 - 4)**



Health = 0

Fire = 1

Reactivity = 0

· **Other hazards**

· **Results of PBT and vPvB assessment**

· **PBT:** Not applicable.

· **vPvB:** Not applicable.

### 3 Composition/information on ingredients

· **Chemical characterization: Mixtures**

· **Description:** Mixture of the substances listed below with nonhazardous additions.

· **Dangerous components:**

64742-96-7	Solvent naphtha (petroleum) heavy aliph.	10-<25%
	Phenol, butenylated, aminated	2.5-<10%
68784-17-8	Isooctadecanoic acid, reaction products with tetraethylenepentamine	1-≤2.5%

### 4 First-aid measures

· **Description of first aid measures**

· **After inhalation:** Supply fresh air; consult doctor in case of complaints.

· **After skin contact:** Immediately rinse with water.

· **After eye contact:** Rinse opened eye for several minutes under running water.

· **After swallowing:** If symptoms persist consult doctor.

· **Information for doctor:**

· **Most important symptoms and effects, both acute and delayed** No further relevant information available.

(Contd. on page 3)

# Safety Data Sheet

## acc. to OSHA HCS

Printing date 02/20/2015

Reviewed on 02/20/2015

**Trade name: Cen-Pe-Co All Purpose Two-Cycle Oil**

(Contd. of page 2)

- **Indication of any immediate medical attention and special treatment needed**  
No further relevant information available.

### 5 Fire-fighting measures

- **Extinguishing media**
- **Suitable extinguishing agents:** Use fire fighting measures that suit the environment.
- **Special hazards arising from the substance or mixture** No further relevant information available.
- **Advice for firefighters**
- **Protective equipment:** No special measures required.

### 6 Accidental release measures

- **Personal precautions, protective equipment and emergency procedures** Not required.
- **Environmental precautions:**  
Do not allow product to reach sewage system or any water course.  
Inform respective authorities in case of seepage into water course or sewage system.  
Do not allow to enter sewers/ surface or ground water.
- **Methods and material for containment and cleaning up:**  
Absorb with liquid-binding material (sand, diatomite, acid binders, universal binders, sawdust).  
Dispose contaminated material as waste according to item 13.  
Ensure adequate ventilation.
- **Reference to other sections**  
See Section 7 for information on safe handling.  
See Section 8 for information on personal protection equipment.  
See Section 13 for disposal information.

### 7 Handling and storage

- **Handling:**
- **Precautions for safe handling**  
Ensure good ventilation/exhaustion at the workplace.  
Prevent formation of aerosols.
- **Information about protection against explosions and fires:** No special measures required.
- **Conditions for safe storage, including any incompatibilities**
- **Storage:**
- **Requirements to be met by storerooms and receptacles:** No special requirements.
- **Information about storage in one common storage facility:** Not required.
- **Further information about storage conditions:** Keep receptacle tightly sealed.
- **Specific end use(s)** No further relevant information available.

### 8 Exposure controls/personal protection

- **Additional information about design of technical systems:** No further data; see item 7.

(Contd. on page 4)

USA

# Safety Data Sheet

acc. to OSHA HCS

Printing date 02/20/2015

Reviewed on 02/20/2015

**Trade name: Cen-Pe-Co All Purpose Two-Cycle Oil**

(Contd. of page 3)

· **Control parameters**

· **Components with limit values that require monitoring at the workplace:**

<b>64742-52-5 Distillates (petroleum), hydrotreated heavy naphthenic (25-50%)</b>	
ACGIH TLV	Short-term value: 10 mg/m <sup>3</sup> Long-term value: 5 mg/m <sup>3</sup>
OSHA PEL	Long-term value: 5 mg/m <sup>3</sup>
<b>64742-54-7 Distillates (petroleum), hydrotreated heavy paraffinic (10-&lt;25%)</b>	
ACGIH TLV	Short-term value: 10 mg/m <sup>3</sup> Long-term value: 5 mg/m <sup>3</sup>
NIOSH REL	Short-term value: 10 mg/m <sup>3</sup> Long-term value: 5 mg/m <sup>3</sup>
OSHA PEL	Long-term value: 5 mg/m <sup>3</sup>
<b>64742-96-7 Solvent naphta (petroleum) heavy aliph. (10-&lt;25%)</b>	
ACGIH	Short-term value: 10 mg/m <sup>3</sup> Long-term value: 5 mg/m <sup>3</sup>
<b>64742-01-4 Residual oils (petroleum), solvent-refined (10-&lt;25%)</b>	
OSHA PEL	Long-term value: 5 mg/m <sup>3</sup>

· **Additional information:** The lists that were valid during the creation were used as basis.

· **Exposure controls**

· **Personal protective equipment:**

· **General protective and hygienic measures:**

Keep away from foodstuffs, beverages and feed.  
Wash hands before breaks and at the end of work.

· **Breathing equipment:**

In case of brief exposure or low pollution use respiratory filter device. In case of intensive or longer exposure use respiratory protective device that is independent of circulating air.

· **Protection of hands:**

The glove material has to be impermeable and resistant to the product/ the substance/ the preparation.  
Due to missing tests no recommendation to the glove material can be given for the product/ the preparation/ the chemical mixture.  
Selection of the glove material on consideration of the penetration times, rates of diffusion and the degradation

· **Material of gloves**

The selection of the suitable gloves does not only depend on the material, but also on further marks of quality and varies from manufacturer to manufacturer. As the product is a preparation of several substances, the resistance of the glove material can not be calculated in advance and has therefore to be checked prior to the application.

· **Penetration time of glove material**

The exact break through time has to be found out by the manufacturer of the protective gloves and has to be observed.

· **Eye protection:** Goggles recommended during refilling.

## 9 Physical and chemical properties

· **Information on basic physical and chemical properties**

· **General Information**

· **Appearance:**

<b>Form:</b>	Liquid
<b>Color:</b>	Light Amber
<b>Odor:</b>	Characteristic

(Contd. on page 5)

USA

# Safety Data Sheet

acc. to OSHA HCS

Printing date 02/20/2015

Reviewed on 02/20/2015

**Trade name: Cen-Pe-Co All Purpose Two-Cycle Oil**

(Contd. of page 4)

· <b>Odour threshold:</b>	Not determined.
· <b>pH-value:</b>	Not determined.
· <b>Change in condition</b>	
<b>Melting point/Melting range:</b>	Undetermined.
<b>Boiling point/Boiling range:</b>	189 °C (372 °F)
· <b>Flash point:</b>	105 °C (221 °F)
· <b>Flammability (solid, gaseous):</b>	Not applicable.
· <b>Ignition temperature:</b>	> 315 °C (> 599 °F)
· <b>Decomposition temperature:</b>	Not determined.
· <b>Auto igniting:</b>	Product is not selfigniting.
· <b>Danger of explosion:</b>	Product does not present an explosion hazard.
· <b>Explosion limits:</b>	
<b>Lower:</b>	0.7 Vol %
<b>Upper:</b>	6.0 Vol %
· <b>Vapor pressure:</b>	Not determined.
· <b>Density at 20 °C (68 °F):</b>	0.87655 g/cm <sup>3</sup> (7.315 lbs/gal)
· <b>Relative density</b>	Not determined.
· <b>Vapour density</b>	Not determined.
· <b>Evaporation rate</b>	Not determined.
· <b>Solubility in / Miscibility with</b>	
<b>Water:</b>	Not miscible or difficult to mix.
· <b>Partition coefficient (n-octanol/water):</b>	Not determined.
· <b>Viscosity:</b>	
<b>Dynamic:</b>	Not determined.
<b>Kinematic:</b>	Not determined.
· <b>Solvent content:</b>	
<b>Organic solvents:</b>	0.0 %
· <b>Other information</b>	No further relevant information available.

## 10 Stability and reactivity

- **Reactivity**
- **Chemical stability**
- **Thermal decomposition / conditions to be avoided:** No decomposition if used according to specifications.
- **Possibility of hazardous reactions** No dangerous reactions known.
- **Conditions to avoid** No further relevant information available.
- **Incompatible materials:** No further relevant information available.
- **Hazardous decomposition products:** No dangerous decomposition products known.

USA

(Contd. on page 6)

# Safety Data Sheet

acc. to OSHA HCS

Printing date 02/20/2015

Reviewed on 02/20/2015

Trade name: *Cen-Pe-Co All Purpose Two-Cycle Oil*

(Contd. of page 5)

## 11 Toxicological information

- **Information on toxicological effects**

- **Acute toxicity:**

- **LD/LC50 values that are relevant for classification:**

**ATE (Acute Toxicity Estimates)**

Oral	LD50	19048 mg/kg (rat)
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- **Primary irritant effect:**

- **on the skin:** No irritant effect.

- **on the eye:** No irritating effect.

- **Sensitization:** No sensitizing effects known.

- **Additional toxicological information:**

The product shows the following dangers according to internally approved calculation methods for preparations:

- **Carcinogenic categories**

- **IARC (International Agency for Research on Cancer)**

None of the ingredients is listed.

- **NTP (National Toxicology Program)**

None of the ingredients is listed.

- **OSHA-Ca (Occupational Safety & Health Administration)**

None of the ingredients is listed.

## 12 Ecological information

- **Toxicity**

- **Aquatic toxicity:** No further relevant information available.

- **Persistence and degradability** No further relevant information available.

- **Behavior in environmental systems:**

- **Bioaccumulative potential** No further relevant information available.

- **Mobility in soil** No further relevant information available.

- **Ecotoxicological effects:**

- **Remark:** Harmful to fish

- **Additional ecological information:**

- **General notes:**

Water hazard class 2 (Self-assessment): hazardous for water

Do not allow product to reach ground water, water course or sewage system.

Danger to drinking water if even small quantities leak into the ground.

Harmful to aquatic organisms

- **Results of PBT and vPvB assessment**

- **PBT:** Not applicable.

- **vPvB:** Not applicable.

- **Other adverse effects** No further relevant information available.

## 13 Disposal considerations

- **Waste treatment methods**

- **Recommendation:**

Must not be disposed of together with household garbage. Do not allow product to reach sewage system.

(Contd. on page 7)

# Safety Data Sheet

acc. to OSHA HCS

Printing date 02/20/2015

Reviewed on 02/20/2015

**Trade name: Cen-Pe-Co All Purpose Two-Cycle Oil**

(Contd. of page 6)

- **Uncleaned packagings:**
- **Recommendation:** Disposal must be made according to official regulations.

## 14 Transport information

<b>· UN-Number</b>	
· DOT, IMDG, IATA	<i>not regulated</i>
· <b>UN proper shipping name</b>	
· DOT, IMDG, IATA	<i>not regulated</i>
· <b>Transport hazard class(es)</b>	
· DOT, IMDG, IATA	
· Class	<i>not regulated</i>
· <b>Packing group</b>	
· DOT, IMDG, IATA	<i>not regulated</i>
· <b>Environmental hazards:</b>	
· Marine pollutant:	<i>No</i>
· <b>Special precautions for user</b>	<i>Not applicable.</i>
· <b>Transport in bulk according to Annex II of MARPOL73/78 and the IBC Code</b>	<i>Not applicable.</i>
· <b>UN "Model Regulation":</b>	-

## 15 Regulatory information

· <b>Safety, health and environmental regulations/legislation specific for the substance or mixture</b>	
· <b>Sara</b>	
· <b>Section 355 (extremely hazardous substances):</b>	
<i>None of the ingredients is listed.</i>	
· <b>Section 313 (Specific toxic chemical listings):</b>	
<i>None of the ingredients is listed.</i>	
· <b>TSCA (Toxic Substances Control Act):</b>	
<i>All ingredients are listed.</i>	
· <b>Proposition 65</b>	
· <b>Chemicals known to cause cancer:</b>	
<i>None of the ingredients is listed.</i>	
· <b>Chemicals known to cause reproductive toxicity for females:</b>	
<i>None of the ingredients is listed.</i>	
· <b>Chemicals known to cause reproductive toxicity for males:</b>	
<i>None of the ingredients is listed.</i>	
· <b>Chemicals known to cause developmental toxicity:</b>	
<i>None of the ingredients is listed.</i>	

(Contd. on page 8)

# Safety Data Sheet

acc. to OSHA HCS

Printing date 02/20/2015

Reviewed on 02/20/2015

**Trade name: Cen-Pe-Co All Purpose Two-Cycle Oil**

(Contd. of page 7)

· **Carcinogenic categories**

· **EPA (Environmental Protection Agency)**

None of the ingredients is listed.

· **TLV (Threshold Limit Value established by ACGIH)**

None of the ingredients is listed.

· **NIOSH-Ca (National Institute for Occupational Safety and Health)**

None of the ingredients is listed.

· **GHS label elements** The product is classified and labeled according to the Globally Harmonized System (GHS).

· **Hazard pictograms**



GHS07    GHS08

· **Signal word** *Danger*

· **Hazard-determining components of labeling:**

*Solvent naphtha (petroleum) heavy aliph.*

· **Hazard statements**

*Causes skin irritation.*

*Causes serious eye irritation.*

*May be fatal if swallowed and enters airways.*

*Harmful to aquatic life with long lasting effects.*

· **Precautionary statements**

*If medical advice is needed, have product container or label at hand.*

*Keep out of reach of children.*

*Read label before use.*

*Wear protective gloves.*

*Wear eye protection / face protection.*

*Avoid release to the environment.*

*Wash thoroughly after handling.*

*If swallowed: Immediately call a poison center/doctor.*

*If in eyes: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do.*

*Continue rinsing.*

*Specific treatment (see on this label).*

*If skin irritation occurs: Get medical advice/attention.*

*If eye irritation persists: Get medical advice/attention.*

*Do NOT induce vomiting.*

*If on skin: Wash with plenty of water.*

*Take off contaminated clothing and wash it before reuse.*

*Store locked up.*

*Dispose of contents/container in accordance with local/regional/national/international regulations.*

· **Chemical safety assessment:** A Chemical Safety Assessment has not been carried out.

## 16 Other information

*This information has been compiled from sources considered to be dependable and is accurate to the best of our knowledge; however, Central Petroleum Company makes no warranty whatsoever, expressed or implied, of merchantability or fitness for particular purpose regarding the accuracy of such data or the results to be obtained from thereof. Central Petroleum Company assumes no responsibility for injury to recipient or third persons or for any damage to any property and recipient assumes all such risks.*

(Contd. on page 9)



# Safety Data Sheet

acc. to OSHA HCS

Printing date 02/20/2015

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**Trade name: Cen-Pe-Co All Purpose Two-Cycle Oil**

(Contd. of page 8)

**· Abbreviations and acronyms:**

*ADR: Accord européen sur le transport des marchandises dangereuses par Route (European Agreement concerning the International Carriage of Dangerous Goods by Road)*

*IMDG: International Maritime Code for Dangerous Goods*

*DOT: US Department of Transportation*

*IATA: International Air Transport Association*

*ACGIH: American Conference of Governmental Industrial Hygienists*

*EINECS: European Inventory of Existing Commercial Chemical Substances*

*ELINCS: European List of Notified Chemical Substances*

*CAS: Chemical Abstracts Service (division of the American Chemical Society)*

*NFPA: National Fire Protection Association (USA)*

*HMIS: Hazardous Materials Identification System (USA)*

*LC50: Lethal concentration, 50 percent*

*LD50: Lethal dose, 50 percent*

*Skin Irrit. 2: Skin corrosion/irritation, Hazard Category 2*

*Eye Irrit. 2A: Serious eye damage/eye irritation, Hazard Category 2A*

*Asp. Tox. 1: Aspiration hazard, Hazard Category 1*

*Aquatic Chronic 3: Hazardous to the aquatic environment - Chronic Hazard, Category 3*

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