

## Safety Data Sheet PRO X VANISHING OIL

Version 1.1

Revision Date: 06/01/2015

### SECTION 1. PRODUCT AND COMPANY IDENTIFICATION

**Product name** : PRO X VANISHING OIL  
**Product Use Description** : Metalworking Fluid

#### Manufacturer or supplier's details

**Company** : Senergy Petroleum LLC  
**Address** : 622 S. 56<sup>th</sup> Ave  
Phoenix, AZ 85043  
United States of America

#### Emergency telephone number:

Transport North America: CHEMTREC 800.424.9300

**Additional Information:** : Responsible Party: Product Safety Group

SDS Requests: 1-800-964-0076  
SDS Requests Fax: 602-484-9038  
Website: [www.gosenergy.com](http://www.gosenergy.com)

### SECTION 2. HAZARDS IDENTIFICATION

#### GHS Classification

Flammable liquids : Category 4  
Skin irritation : Category 2  
Eye irritation : Category 2A  
Specific target organ toxicity - single exposure : Category 3 (Central nervous system)  
Aspiration hazard : Category 1

#### GHS Label element

Hazard pictograms :



Signal word : Danger

Hazard statements : H227 Combustible liquid.  
H304 May be fatal if swallowed and enters airways.



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H315 Causes skin irritation.  
H319 Causes serious eye irritation.  
H336 May cause drowsiness or dizziness.

Precautionary statements : **Prevention:**  
P210 Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking.  
P261 Avoid breathing dust/ fume/ gas/ mist/ vapours/ spray.  
P271 Use only outdoors or in a well-ventilated area.  
P280 Wear protective gloves/ eye protection/ face protection.  
**Response:**  
P301 + P310 IF SWALLOWED: Immediately call a POISON CENTER or doctor/ physician.  
P302 + P352 IF ON SKIN: Wash with plenty of soap and water.  
P304 + P340 + P312 IF INHALED: Remove victim to fresh air and keep at rest in a position comfortable for breathing. Call a POISON CENTER or doctor/ physician if you feel unwell.  
P305 + P351 + P338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.  
P331 Do NOT induce vomiting.  
P370 + P378 In case of fire: Use dry sand, dry chemical or alcohol-resistant foam for extinction.  
**Storage:**  
P403 + P233 Store in a well-ventilated place. Keep container tightly closed.  
P405 Store locked up.  
**Disposal:**  
P501 Dispose of contents/ container to an approved waste disposal plant.

**Potential Health Effects**

Primary Routes of Entry : Skin Absorption  
Target Organs : Skin  
Skin : May cause skin irritation.  
Eyes : May cause eye irritation.  
Aggravated Medical Condition : Eyes  
Skin disorders

**Carcinogenicity:**

**IARC** No component of this product present at levels greater



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than or equal to 0.1% is identified as probable, possible or confirmed human carcinogen by IARC.

### ACGIH

No component of this product present at levels greater than or equal to 0.1% is identified as a carcinogen or potential carcinogen by ACGIH.

### OSHA

No component of this product present at levels greater than or equal to 0.1% is identified as a carcinogen or potential carcinogen by OSHA.

### NTP

No component of this product present at levels greater than or equal to 0.1% is identified as a known or anticipated carcinogen by NTP.

### Emergency Overview

CAUTION	
Appearance	liquid
Color	colorless
Odor	hydrocarbon-like, mild
Hazard Summary	No information available.

## SECTION 3. COMPOSITION/INFORMATION ON INGREDIENTS

Substance / Mixture : Mixture

### Hazardous components

CAS-No.	Chemical Name	Concentration (%)
64742-47-8	Distillates (pet), hydrotreated light	0 - 100
64742-96-7	Solvent naphtha (petroleum), heavy aliph.	0 - 100
Various	Highly Refined Base Oil	0 - 5

**Special Notes:** Functionally equivalent petroleum streams may be found in this preparation at varying concentrations.

## SECTION 4. FIRST AID MEASURES

General advice : Move out of dangerous area.  
Show this safety data sheet to the doctor in attendance.  
Consult a physician.



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If inhaled	: Call a physician or poison control center immediately.
In case of skin contact	: If skin irritation persists, call a physician. If on skin, rinse well with water. If on clothes, remove clothes.  Take off contaminated clothing and shoes immediately. If on skin, rinse well with water. If on clothes, remove clothes.
In case of eye contact	: Immediately flush eye(s) with plenty of water. Remove contact lenses. Keep eye wide open while rinsing. If eye irritation persists, consult a specialist.  Remove contact lenses. Rinse immediately with plenty of water, also under the eyelids, for at least 15 minutes.
If swallowed	: Keep respiratory tract clear. Do NOT induce vomiting. Do not give milk or alcoholic beverages. Take victim immediately to hospital.

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**SECTION 5. FIREFIGHTING MEASURES**

Suitable extinguishing media	: Carbon dioxide (CO <sub>2</sub> )
Unsuitable extinguishing media	: High volume water jet
Specific hazards during firefighting	: Do not allow run-off from fire fighting to enter drains or water courses.  Do not use a solid water stream as it may scatter and spread fire. Cool closed containers exposed to fire with water spray.
Hazardous combustion products	: No hazardous combustion products are known
Specific extinguishing methods	: Use a water spray to cool fully closed containers.



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- Further information : Collect contaminated fire extinguishing water separately. This must not be discharged into drains. Fire residues and contaminated fire extinguishing water must be disposed of in accordance with local regulations.  
For safety reasons in case of fire, cans should be stored separately in closed containments.  
  
Fire residues and contaminated fire extinguishing water must be disposed of in accordance with local regulations.
- Special protective equipment for firefighters : Wear self-contained breathing apparatus for fire-fighting if necessary.  
  
In the event of fire, wear self-contained breathing apparatus.

**NFPA Flammable and Combustible Liquids Classification:**  
Combustible Liquid Class IIIA

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**SECTION 6. ACCIDENTAL RELEASE MEASURES**

- Personal precautions, protective equipment and emergency procedures : Use personal protective equipment.  
Ensure adequate ventilation.  
Evacuate personnel to safe areas.  
  
: Use personal protective equipment.  
Ensure adequate ventilation.  
Remove all sources of ignition.  
Evacuate personnel to safe areas.  
Keep people away from and upwind of spill/leak.  
Material can create slippery conditions.
- Environmental precautions : Prevent product from entering drains.  
Prevent further leakage or spillage if safe to do so.  
If the product contaminates rivers and lakes or drains inform respective authorities.  
  
Local authorities should be advised if significant spillages cannot be contained.
- Methods and materials for containment and cleaning up : Contain spillage, and then collect with non-combustible absorbent material, (e.g. sand, earth, diatomaceous earth, vermiculite) and place in container for disposal according to local / national regula-



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tions (see section 13).  
Keep in suitable, closed containers for disposal.

Keep in suitable, closed containers for disposal.  
Clean contaminated floors and objects thoroughly while observing environmental regulations.

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**SECTION 7. HANDLING AND STORAGE**

Advice on safe handling : Avoid formation of aerosol.  
Do not breathe vapors/dust.  
Avoid exposure - obtain special instructions before use.  
Avoid contact with skin and eyes.  
For personal protection see section 8.  
Smoking, eating and drinking should be prohibited in the application area.  
Provide sufficient air exchange and/or exhaust in work rooms.  
Dispose of rinse water in accordance with local and national regulations.

Avoid contact with skin and eyes.  
For personal protection see section 8.  
Smoking, eating and drinking should be prohibited in the application area.  
Keep away from heat.

Conditions for safe storage : Prevent unauthorized access.  
No smoking.  
Keep container tightly closed in a dry and well-ventilated place.  
Containers which are opened must be carefully resealed and kept upright to prevent leakage.  
Observe label precautions.  
Electrical installations / working materials must comply with the technological safety standards.

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**SECTION 8. EXPOSURE CONTROLS/PERSONAL PROTECTION**

**Components with workplace control parameters**

CAS-No.	Components	Value type (Form of exposure)	Control parameters / Permissible concentration	Basis
64742-47-8	Distillates (pet), hy-	TWA	500 ppm	OSHA Z-1



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	drotreated light		2,000 mg/m <sup>3</sup>	
		TWA	200 mg/m <sup>3</sup> (as total hydrocarbon vapor)	ACGIH
		TWA	400 ppm 1,600 mg/m <sup>3</sup>	OSHA P0
64742-96-7	Solvent naphtha (petroleum), heavy aliph.	TWA	200 mg/m <sup>3</sup> (as total hydrocarbon vapor)	ACGIH

**Personal protective equipment**

Respiratory protection : No personal respiratory protective equipment normally required.

In the case of vapor formation use a respirator with an approved filter.

Hand protection  
Remarks

: The suitability for a specific workplace should be discussed with the producers of the protective gloves.

Eye protection

: Eye wash bottle with pure water  
Tightly fitting safety goggles  
Wear face-shield and protective suit for abnormal processing problems.  
Safety goggles

Skin and body protection

: impervious clothing  
Choose body protection according to the amount and concentration of the dangerous substance at the work place.

Protective measures

: Wear suitable protective equipment.  
Avoid contact with skin.  
When using do not eat, drink or smoke.

Hygiene measures

: Avoid contact with skin, eyes and clothing.  
When using do not eat or drink.  
When using do not smoke.  
Wash hands before breaks and immediately after handling the product.  
Avoid contact with skin, eyes and clothing.  
Wash hands before breaks and immediately after handling the product.  
Remove contaminated clothing and protective equipment before entering eating areas.



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### SECTION 9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance	: liquid
Color	: colorless
Odor	: hydrocarbon-like, mild
Odor Threshold	: No data available
pH	: No data available
Freezing Point (pour point), approximate	: -48.33 °C (-54.99 °F)
Freezing Point (Melting point/range), approx	-45 °C (-49 °F)
Boiling Point (Boiling point/range), approx	: 200 - 300 °C (392 - 572 °F)
Flash point	: $\geq 80 - 96$ °C (176 - 205 °F)
Evaporation rate	: < 0.1 n-Butyl Acetate
Flammability (solid, gas)	: No data available
Burning rate	: No data available
Upper explosion limit	: No data available
Lower explosion limit	: No data available
Vapor pressure	: $\leq 0.02 - 0.06$ kPa @ 20 °C (68 °F)
Relative vapor density	: Approx. 4.5
Relative density	: Approx. 0.8 @ 15.6 °C (60.1 °F)
Density	: Approx. 0.821 g/cm <sup>3</sup> @ 20 °C (68 °F)
Bulk density	: No data available
Solubility(ies) Water solubility	: insoluble
Solubility in other solvents	: No data available





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Partition coefficient: n-octanol/water	: No data available
Auto-ignition temperature	: 232 - 236 °C
Thermal decomposition	: No data available
Viscosity	
Viscosity, kinematic	: > 0.1 mm <sup>2</sup> /s @ 40 °C (104 °F)

### SECTION 10. STABILITY AND REACTIVITY

Reactivity	: No dangerous reaction known under conditions of normal use.
Chemical stability	: Stable under normal conditions.
Possibility of hazardous reactions	: Vapors may form explosive mixture with air.
Conditions to avoid	: Avoid contact with: Heat, flames and sparks. Extremes of temperature and direct sunlight.
Incompatible materials	: Avoid contact with: Strong oxidizing agents

### SECTION 11. TOXICOLOGICAL INFORMATION

#### Acute toxicity

##### Components:

##### **64742-47-8:**

Acute oral toxicity	: LD50 (rat): > 5,000 mg/kg
Acute inhalation toxicity	: Remarks: No data available
Acute dermal toxicity	: LD50 (rabbit, male and female): > 2,000 mg/kg Method: Fixed dose procedure GLP: yes Assessment: The substance or mixture has no acute dermal toxicity

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### **64742-96-7:**

- Acute oral toxicity : LD50 (rat, male and female): > 5,000 mg/kg  
Method: OECD Test Guideline 420  
GLP: yes  
Remarks: No mortality observed at this dose.
- Acute inhalation toxicity : LC50 (rat): > 5.28 mg/l  
Exposure time: 4 h  
Method: OECD Test Guideline 403  
GLP: yes  
Assessment: The component/mixture is low toxic after short term inhalation.
- Acute dermal toxicity : LD50 : > 2,000 mg/kg  
Method: OECD Test Guideline 402  
Symptoms: No mortality observed at this dose.  
GLP: yes  
Assessment: The substance or mixture has no acute dermal toxicity

### **Skin corrosion/irritation**

#### **Product:**

Remarks: May cause skin irritation in susceptible persons.

#### **Components:**

##### **64742-47-8:**

Species: rabbit  
Exposure time: 24 h  
Method: In vivo  
Result: Irritating to skin.

##### **64742-96-7:**

Species: rabbit  
Method: In vivo  
Result: Irritating to skin.

### **Serious eye damage/eye irritation**

#### **Product:**

Remarks: Severe eye irritation

#### **Components:**

##### **64742-47-8:**

Species: rabbit  
Result: Irritating to eyes.

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**64742-96-7:**

Species: rabbit  
Result: Irritating to eyes. Method: In vivo

**Respiratory or skin sensitization**

**Components:**

**64742-47-8:**

Test Type: Buehler Test  
Exposure routes:  
Dermal Species: guinea pig Method: In vivo  
Result: Did not cause sensitization on laboratory animals.  
GLP: yes

**64742-96-7:**

Test Type: Buehler Test  
Species: guinea pig  
Result: Did not cause sensitization on laboratory animals.  
GLP: yes

**Germ cell mutagenicity**

**Components:**

**64742-47-8:**

Genotoxicity in vitro : Test Type: Mammalian cell gene mutation assay  
Test species: Mouse lymphoma cells  
Metabolic activation: with and without metabolic activation  
Result: negative  
GLP: yes

Genotoxicity in vivo : Test Type: Chromosome aberration assay in vivo  
Test species: rat (male and female)  
Cell type: Bone marrow  
Application Route: Intraperitoneal  
Exposure time: 6 - 48 hrs  
Dose: 0, 300, 1000, 3000 mg/kg bw  
Result: negative  
GLP: yes

Germ cell mutagenicity-Assessment : Tests on bacterial or mammalian cell cultures did not show mutagenic effects.

**64742-96-7:**

Genotoxicity in vitro : Test Type: Mammalian cell gene mutation assay  
Test species: Mouse lymphoma cells  
Metabolic activation: with and without metabolic activation



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Method: OECD Test Guideline 476  
Result: negative  
GLP: yes

: Test Type: Ames test  
Metabolic activation: with and without metabolic activation  
Method: OECD Test Guideline 471  
Result: negative  
GLP: No data available

Genotoxicity in vivo : Test Type: Dominant lethal assay  
Test species: mouse (male)  
Application Route: Intraperitoneal  
Dose: 1 ml/kg diluted 10% in corn oil  
Method: OECD Test Guideline 478  
Result: negative  
GLP: No data available

Germ cell mutagenicity-Assessment : Mutagenicity classification not possible from current data

**Carcinogenicity**

**Components:**

**64742-47-8:**

Species: mouse, (male and female)  
Application Route: Dermal  
Exposure time: 105 wks  
Dose: 0, 25 mg/application Frequency of Treatment: 3 days/week LOAEL: 25

Result: Limited evidence of carcinogenic effects  
Symptoms: Local irritation, Dermal tumors

Carcinogenicity Assessment : Not classifiable as a human carcinogen.

**64742-96-7:**

Species: mouse  
Application Route:  
Dermal Exposure time:  
105 wk Dose: 25 mg  
Method: OECD Test Guideline 451  
Symptoms: Tumors

Carcinogenicity - Assessment: Not classifiable as a human carcinogen.

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**Reproductive toxicity**

**Components:**

**64742-47-8:**

Effects on fertility

: Test Type: Fertility  
Species: rat, male and female  
Application Route: Oral  
Dose: 0, 375, 750, 1500 mg/kg/d  
General Toxicity - Parent: NOAEL: 750 mg/kg body weight  
General Toxicity F1: NOAEL: 750 mg/kg body weight  
Fertility: NOAEL:  $\geq$  1,500 mg/kg body weight  
Symptoms: Reduced maternal body weight gain. Reduced offspring weight gain.  
Result: No reproductive effects.

Effects on fetal development

: Species: rat  
Application Route: Oral  
Dose: 0, 500, 1000, 1500, 2000mg/kg  
Duration of Single Treatment: 10 d  
General Toxicity Maternal: NOAEL: 500 mg/kg body weight  
Teratogenicity: NOAEL: 2,000 mg/kg body weight  
Developmental Toxicity: NOAEL: 1,000 mg/kg body weight  
Symptoms: Reduced body weight  
Method: OECD Test Guideline 414  
Result: Developmental toxicity occurred at maternal toxicity dose levels, No teratogenic effects.

Reproductive toxicity - Assessment

: Animal testing did not show any effects on fertility.  
Embryotoxicity classification not possible from current data.

**64742-96-7:**

Effects on fertility

: Species: rat, female  
Application Route: oral  
Dose: 325, 750, or 1500 mg/kg  
General Toxicity - Parent: NOAEL: 750 mg/kg bw  
General Toxicity F1: NOAEL: 750 mg/kg bw  
Fertility: NOAEL:  $>$  1,500 mg/kg  
Symptoms: Reduced foetal weight.  
GLP: yes

Species: rat, male and female  
Application Route: oral  
Dose: 750, 1500, or 3000 mg/kg  
Frequency of Treatment: 7 days/week  
General Toxicity - Parent: NOAEL: 750 mg/kg bw  
General Toxicity F1: NOAEL: 750 mg/kg bw  
Fertility: NOAEL:  $>$  3,000 mg/kg

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GLP: yes

Effects on fetal development

: Species: rat  
Application Route: oral  
Dose: 500, 1000, 1500, or 2000 mg/k  
Duration of Single Treatment: 10 d  
Frequency of Treatment: 7 days/week  
General Toxicity Maternal: NOAEL: 500 mg/kg bw  
Embryo-fetal toxicity.: NOAEL: 1,000 mg/kg  
Symptoms: No malformations were observed., No skeletal malformations .  
Method: OECD Test Guideline 414  
GLP: No data available

Reproductive toxicity - Assessment

: Fertility classification not possible from current data. teratogenicity classification is not possible

**STOT - single exposure**

**Product:**No data available

**Components:**

64742-47-8:

Exposure routes:	Target Organs:	Assessment:	Remarks:
Inhalation	Central nervous system	May cause drowsiness or dizziness., The substance or mixture is classified as specific target organ toxicant, single exposure, category 3 with narcotic effects.	

64742-96-7:

Exposure routes:	Target Organs:	Assessment:	Remarks:
Inhalation	Central nervous system	May cause drowsiness or dizziness., The substance or mixture is classified as specific target organ toxicant, single exposure, category 3 with narcotic effects.	

**STOT - repeated exposure**

**Product:** No data available



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### Components:

**64742-47-8:**No data available

**64742-96-7:**No data available

### Repeated dose toxicity

#### Components:

##### **64742-47-8:**

Species: rat, male

LOAEL: 750 mg/kg

Application Route: Oral

Exposure time: 70 - 90 days

Number of exposures: daily

Dose: 0, 750, 1500, 3000 mg/kg/d

GLP: yes

Symptoms: weight loss, Liver effects, Stomach/intestinal disorders

Species: rat, female

NOAEL: 750 mg/kg

Application Route: Oral

Exposure time: 21 wks

Number of exposures: daily

Dose: 0, 325, 750, 1500 mg/kg/d

GLP: yes

Symptoms: weight loss, Liver effects, Stomach/intestinal disorders

Species: mouse, male and female

NOAEL:  $\geq 1000$

Application Route: inhalation (vapor)

Exposure time: 90 d

Number of exposures: 24 h/d, daily

Dose: 0, 500, 1000 mg/m<sup>3</sup>

GLP: No data available

Species: rat, male and female

NOAEL:  $\geq 0,5$

Application Route: Dermal

Exposure time: 28 d

Number of exposures: 6 h/d, 5 d/wk

Dose: 0, 0.01, 0.05, 0.5 ml/kg bw/d

Method: OECD Test Guideline 410

GLP: yes

Symptoms: Local irritation

Repeated dose toxicity - : Causes skin irritation.  
Assessment

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### **64742-96-7:**

Species: rat, female  
NOAEL: 750 mg/kg  
Application Route: Oral  
Exposure time: 21 wk  
Dose: 325, 750, or 1500  
mg/kg/day Method: No information  
available. GLP: yes

Species: rat, male and female  
NOAEL: > 24  
Application Route: inhalation (vapour)  
Exposure time: 4 wk  
Number of exposures: 6 h/d, 5 d/wk  
Dose: 24 mg/m<sup>3</sup>  
Method: OECD Test Guideline 412  
GLP: yes

### **Aspiration toxicity**

#### **Product:**

Aspiration Toxicity - Category 1

#### **Components:**

##### **64742-47-8:**

May be fatal if swallowed and enters airways.

##### **64742-96-7:**

May be fatal if swallowed and enters airways.

### **Further information**

#### **Product:**

Remarks: Symptoms of overexposure may be headache, dizziness, tiredness, nausea and vomiting., Concentrations substantially above the TLV value may cause narcotic effects., Solvents may degrease the skin.

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## SECTION 12. ECOLOGICAL INFORMATION

### **Ecotoxicity**

#### **Components:**

##### **64742-47-8:**

Toxicity to fish : LL50 (Oncorhynchus mykiss (rainbow trout)): 25 mg/l  
Exposure time: 96 h



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	Test Type: static test Analytical monitoring: yes Method: OECD Test Guideline 203 GLP: yes
Toxicity to daphnia and other aquatic invertebrates	: EL50 (Daphnia magna (Water flea)): 1.4 mg/l Exposure time: 48 h Test Type: static test Analytical monitoring: yes Method: OECD Test Guideline 202 GLP: yes
Toxicity to algae	: EL50 (Pseudokirchneriella subcapitata (green algae)): 1 mg/l End point: Growth rate Exposure time: 72 h Test Type: static test Analytical monitoring: yes Method: OECD Test Guideline 201 GLP: yes
Ecotoxicology Assessment	
Acute aquatic toxicity	: Toxic to aquatic life.
Chronic aquatic toxicity	: Toxic to aquatic life with long lasting effects.
<b>64742-96-7:</b>	
Toxicity to fish	: 2 mg/l Exposure time: 96 h Test Type: semi-static test Test substance: Solvent naphtha (petroleum), heavy aromatic Method: OECD Test Guideline 203 GLP: yes
Toxicity to daphnia and other aquatic invertebrates	: 1.4 mg/l Exposure time: 48 h Test Type: static test Test substance: Kerosine (petroleum), hydrodesulfurised Method: OECD Test Guideline 202 GLP: yes
Toxicity to algae	: EC50 (Pseudokirchneriella subcapitata): 1 mg/l Exposure time: 72 h Test Type: static test Method: OECD Test Guideline 201 GLP: yes
M-Factor (Acute aquatic	: 1

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toxicity)

Ecotoxicology Assessment

Acute aquatic toxicity : Toxic to aquatic life.

Chronic aquatic toxicity : Toxic to aquatic life with long lasting effects.

### Persistence and degradability

#### Components:

##### **64742-47-8:**

Biodegradability : aerobic  
Concentration: 101 mg/l  
Biodegradation: 61 %  
Exposure time: 28 d  
GLP: yes  
Remarks: Readily biodegradable

##### **64742-96-7:**

Biodegradability : Inoculum: activated sludge  
Concentration: 101 mg/l  
Biodegradation: 61 %  
Testing period: 10 d  
Exposure time: 28 d  
Lag phase: 5 d  
Method: OECD Test Guideline 301F  
Test substance: Solvent naphtha (petroleum), heavy aromatic  
GLP: yes  
Remarks: Readily biodegradable

### Bioaccumulative potential

#### Components:

##### **64742-96-7:**

Bioaccumulation : Remarks: The product may be accumulated in organisms.

Partition coefficient: n-octanol/water : log Pow: Calculated 3.3

### Mobility in soil

#### Components:

##### **64742-96-7:**

Stability in soil : Remarks: Adsorbs on soil.



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**Other adverse effects**

No data available

**Product:**

Regulation

40 CFR Protection of Environment; Part 82 Protection of Stratospheric Ozone - CAA Section 602 Class I Substances

Remarks

This product neither contains, nor was manufactured with a Class I or Class II ODS as defined by the U.S. Clean Air Act Section 602 (40 CFR 82, Subpt. A, App.A + B).

Additional ecological information

: An environmental hazard cannot be excluded in the event of unprofessional handling or disposal., Toxic to aquatic life with long lasting effects.

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**SECTION 13. DISPOSAL CONSIDERATIONS**

**Disposal methods**

Waste from residues

: Dispose of wastes in an approved waste disposal facility.

Dispose of in accordance with all applicable local, state and federal regulations.  
For assistance with your waste management needs - including disposal, recycling and waste stream reduction, contact NEXEO's Environmental Services Group at 800-637-7922.

Contaminated packaging

: Empty remaining contents.  
Dispose of as unused product.  
Do not re-use empty containers.  
Do not burn, or use a cutting torch on, the empty drum.

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**SECTION 14. TRANSPORT INFORMATION**

**IATA (International Air Transport Association):** Not regulated as a dangerous good

**IMDG-Code:** Not regulated as a dangerous good

**DOT (Department of Transportation):** UN1268, PETROLEUM DISTILLATES, N.O.S., CBL, III



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**Special Notes:** : The flash point for this material is greater than 100 F (38 C). Therefore, in accordance with 49 CFR 173.150(f) non-bulk containers (<450L or <119 gallon capacity) of this material may be shipped as non-regulated when transported solely by land, as long as the material is not a hazardous waste, a marine pollutant, or specifically listed as a hazardous substance.

### SECTION 15. REGULATORY INFORMATION

**OSHA Hazards** : Combustible Liquid, Moderate skin irritant, Moderate eye irritant

**WHMIS Classification** : B3: Combustible Liquid  
D2B: Toxic Material Causing Other Toxic Effects

#### EPCRA - Emergency Planning and Community Right-to-Know Act

##### CERCLA Reportable Quantity

This material does not contain any components with a CERCLA RQ.

##### SARA 304 Extremely Hazardous Substances Reportable Quantity

This material does not contain any components with a section 304 EHS RQ.

**SARA 311/312 Hazards** : Fire Hazard  
Acute Health Hazard

**SARA 302** : SARA 302: No chemicals in this material are subject to the reporting requirements of SARA Title III, Section 302.

**SARA 313** : SARA 313: This material does not contain any chemical components with known CAS numbers that exceed the threshold (De Minimis) reporting levels established by SARA Title III, Section 313.

#### Clean Air Act

This product does not contain any hazardous air pollutants (HAP), as defined by the U.S. Clean Air Act Section 12 (40 CFR 61).

This product does not contain any chemicals listed under the U.S. Clean Air Act Section 112(r) for Accidental Release Prevention (40 CFR 68.130, Subpart F). This product does not contain any chemicals listed under the U.S. Clean Air Act Section 111 SOCM I Intermediate or Final VOC's (40 CFR 60.489).

#### Clean Water Act

This product does not contain any Hazardous Substances listed under the U.S. Clean Water Act, Section 311, Table 116.4A.

This product does not contain any Hazardous Chemicals listed under the U.S. Clean-Water Act, Section 311, Table 117.3.



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This product does not contain any toxic pollutants listed under the U.S. Clean Water Act Section 307

### US State Regulations

#### Massachusetts Right To Know

No components are subject to the Massachusetts Right to Know Act.

#### Pennsylvania Right To Know

64742-47-8	Distillates (pet), hydrotreated light	0 - 100 %
64742-96-7	Solvent naphtha (petroleum), heavy aliph.	0 - 100 %

#### New Jersey Right To Know

64742-47-8	Distillates (pet), hydrotreated light	0 - 100 %
64742-96-7	Solvent naphtha (petroleum), heavy aliph.	0 - 100 %

#### California Prop 65

This product does not contain any chemicals known to State of California to cause cancer, birth defects, or any other reproductive harm.

### The components of this product are reported in the following inventories:

<b>1907/2006 (EU)</b>	: n (Negative listing) (Not in compliance with the inventory)
<b>Switzerland. New notified substances and declared preparations</b>	: y (positive listing) (The formulation contains substances listed on the Swiss Inventory)
<b>United States TSCA Inventory</b>	: y (positive listing) (On TSCA Inventory)
<b>Canadian Domestic Substances List (DSL)</b>	: y (positive listing) (All components of this product are on the Canadian DSL.)
<b>Australia Inventory of Chemical Substances (AICS)</b>	: y (positive listing) (On the inventory, or in compliance with the inventory)
<b>New Zealand. Inventory of Chemical Substances</b>	: y (positive listing) (On the inventory,

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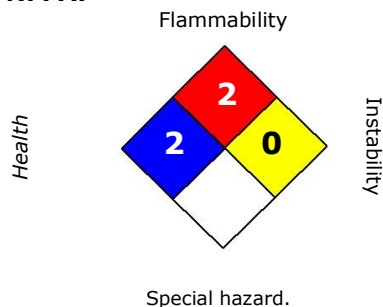
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	or in compliance with the inventory)
<b>Japan. ENCS - Existing and New Chemical Substances Inventory</b>	: n (Negative listing) (Not in compliance with the inventory)
<b>Japan. ISHL - Inventory of Chemical Substances (METI)</b>	: n (Negative listing) (Not in compliance with the inventory)
<b>Korea. Korean Existing Chemicals Inventory (KECI)</b>	: y (positive listing) (On the inventory, or in compliance with the inventory)
<b>Philippines Inventory of Chemicals and Chemical Substances (PICCS)</b>	: y (positive listing) (On the inventory, or in compliance with the inventory)
<b>China. Inventory of Existing Chemical Substances in China (IECSC)</b>	: y (positive listing) (On the inventory, or in compliance with the inventory)

### SECTION 16. OTHER INFORMATION **Further information**

#### NFPA:



#### HMIS III:

<b>HEALTH</b>	<b>2</b>
<b>FLAMMABILITY</b>	<b>2</b>
<b>PHYSICAL HAZARD</b>	<b>0</b>

0 = not significant, 1 = Slight,  
2 = Moderate, 3 = High  
4 = Extreme, \* = Chronic

The information accumulated is based on the data of which we are aware and is believed to be correct as of the date hereof. Since this information may be applied under conditions beyond our control and with which we may be unfamiliar and since data made become available subsequently to the date hereof, we do



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not assume any responsibility for the results of its use. Recipients are advised to confirm in advance of need that the information is current, applicable, and suitable to their circumstances. This MSDS has been prepared by NEXEO™ Solutions EHS Product Safety Department (1-855-429-2661) MSDS@nexeosolutions.com.

### Material number:

16020483, 785216, 775084, 639471, 602800, 576900, 573661, 52686, 70236, 102431, 102999, 52690, 20591, 20590

Key or legend to abbreviations and acronyms used in the safety data sheet			
ACGIH	American Conference of Government Industrial Hygienists	LD50	Lethal Dose 50%
AICS	Australia, Inventory of Chemical Substances	LOAEL	Lowest Observed Adverse Effect Level
DSL	Canada, Domestic Substances List	NFPA	National Fire Protection Agency
NDSL	Canada, Non-Domestic Substances List	NIOSH	National Institute for Occupational Safety & Health
CNS	Central Nervous System	NTP	National Toxicology Program
CAS	Chemical Abstract Service	NZIoC	New Zealand Inventory of Chemicals
EC50	Effective Concentration	NOAEL	No Observable Adverse Effect Level
EC50	Effective Concentration 50%	NOEC	No Observed Effect Concentration
EGEST	EOSCA Generic Exposure Scenario Tool	OSHA	Occupational Safety & Health Administration
EOSCA	European Oilfield Specialty Chemicals Association	PEL	Permissible Exposure Limit
EINECS	European Inventory of Existing Chemical Substances	PICCS	Philippines Inventory of Commercial Chemical Substances
MAK	Germany Maximum Concentration Values	PRNT	Presumed Not Toxic
GHS	Globally Harmonized System	RCRA	Resource Conservation Recovery Act
>=	Greater Than or Equal To	STEL	Short-term Exposure Limit
IC50	Inhibition Concentration 50%	SARA	Superfund Amendments and Reauthorization Act.
IARC	International Agency for Research on Cancer	TLV	Threshold Limit Value
IECSC	Inventory of Existing Chemical Substances in China	TWA	Time Weighted Average
ENCS	Japan, Inventory of Existing and New Chemical Substances	TSCA	Toxic Substance Control Act
KECI	Korea, Existing Chemical Inventory	UVCB	Unknown or Variable Composition, Complex Reaction Products, and Biological Materials
<=	Less Than or Equal To	WHMIS	Workplace Hazardous Materials Information System



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LC50	Lethal Concentration 50%
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