

Revision Date: 06/01/2015 Version 1.1

SECTION 1. PRODUCT AND COMPANY IDENTIFICATION

: PRO X MULTIVEHICLE ATF Product name

Product Use Descrip-

: Metalworking Fluid

Manufacturer or supplier's details

Company : Senergy Petroleum LLC Address 622 S. 56th Ave

Phoenix, AZ 85043 United States of America

Emergency telephone number:

Transport North America: CHEMTREC 800.424.9300

Additional Infor-

mation:

: Responsible Party: Product Safety Group

SDS Requests: 1-800-964-0076 SDS Requests Fax: 602-484-9038 Website: www.gosenergy.com

SECTION 2. HAZARDS IDENTIFICATION

GHS Classification

Flammable liquids : Category 4

Skin irritation : Category 2

Eye irritation : Category 2A

icity - single exposure

Specific target organ tox- : 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.

: Eyes

Aggravated Medical Con-

dition 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.

OSHANo 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 antici-

pated 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 attend-

ance.

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 immediate-

ly.

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.

SECTION 5. FIREFIGHTING MEASURES

Suitable extinguishing

media

: Carbon dioxide (CO2)

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 firefighting if necessary.

In the event of fire, wear self-contained breathing apparatus.

NFPA Flammable and Combustible Liquids Classification:

Combustible Liquid Class IIIA

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 noncombustible 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.

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 stor-

age

: Prevent unauthorized access.

No smoking.

Keep container tightly closed in a dry and well-

ventilated place.

Containers which are opened must be carefully re-

sealed and kept upright to prevent leakage.

Observe label precautions.

Electrical installations / working materials must com-

ply with the technological safety standards.

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/m3 | |
|------------|--|-----|--|---------|
| | | TWA | 200 mg/m3 (as total hydro- carbon vapor) | ACGIH |
| | | TWA | 400 ppm 1,600 mg/m3 | OSHA P0 |
| 64742-96-7 | Solvent naphtha (petrole- um), heavy aliph. | TWA | 200 mg/m3 (as total hydro- carbon vapor) | ACGIH |

Personal protective equipment

: No personal respiratory protective equipment normally Respiratory protection

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 dis-

cussed 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 pro-

cessing 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

g

-45 °C (-49 °F)

Boiling Point (Boiling point/range), approx

: 200 - 300 °C (392 - 572 °F)

Flash point : $>=80 - 96 \, ^{\circ}\text{C} \, (176 - 205 \, ^{\circ}\text{F})$

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 : $<= 0.02 - 0.06 \text{ kPa} @ 20 ^{\circ}\text{C} (68 ^{\circ}\text{F})$

Relative vapor density : Approx. 4.5

Relative density : Approx. 0.8 @ 15.6 °C (60.1 °F)

Density : Approx. 0.821 g/cm3 @ 20 °C (68 °F)

Bulk density : No data available

Solubility(ies)

Water solubility : insoluble

Solubility in other sol-

vents

: 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 : $> 0.1 \text{ mm2/s} @ 40 ^{\circ}\text{C} (104 ^{\circ}\text{F})$

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 acti-

vation

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 acti-

vation



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Method: OECD Test Guideline 476

Result: negative

GLP: yes

: Test Type: Ames test

Metabolic activation: with and without metabolic acti-

vation

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: Not classifiable as a human carcinogen.

Assessment

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: >= 1,500 mg/kg body weight Symptoms: Reduced maternal body weight gain. Re-

duced offspring weight gain. Result: No reproductive effects.

Effects on fetal devel-

opment

: 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 devel-

opment

: 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: >= 1000

Application Route: inhalation (vapor)

Exposure time: 90 d

Number of exposures: 24 h/d, daily

Dose: 0, 500, 1000 mg/m3 GLP: No data available

Species: rat, male and female

NOAEL: >=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/m³

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.

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 inverte-

brates

: 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.

64742-96-7:

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 inverte-

brates

: 1.4 mg/l

Exposure time: 48 h Test Type: static test

Test substance: Kerosine (petroleum), hydrodesulfu-

rised

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 organ-

isms.

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 Sub-

stances

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 in-

formation

: An environmental hazard cannot be excluded in the event of unprofessional handling or disposal., Toxic to

aquatic life with long lasting effects.

SECTION 13. DISPOSAL CONSIDERATIONS

Disposal methods

Waste from residues : Dispose of wastes in an approved waste disposal fa-

cility.

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.

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 : Fire Hazard

Hazards 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 chemi-

cal components with known CAS numbers that exceed

the threshold (De Minimis) reporting levels estab-

lished 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 SOCMI 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 | 0 - 100 % |
| | alinh. | |

New Jersey Right To Know

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

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:

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



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

SECTION 16. OTHER INFORMATION Further information

NFPA: Flammability Special hazard.

HMIS III:

| HEALTH | 2 |
|-----------------|---|
| FLAMMABILITY | 2 |
| PHYSICAL HAZARD | 0 |

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 ap-plied 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 suita-ble to their circumstances. This MSDS has been prepared by NEXEO $^{\text{TM}}$ 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 le | gend to abbreviations and ac | ronyms use | d 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 Sub- stances 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 Exist- ing Chemical Substances | PICCS | Philipines 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 Compositon, 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% |
|------|--------------------------|
| | |