

Safety Data Sheet**WS 9345 A**

Version 1.0

Revision Date: 04/09/2015

SECTION 1. PRODUCT AND COMPANY IDENTIFICATION

Product name : WS 9345 A
Product Use Description : Solvent.

Manufacturer or supplier's details

Company : 1st Ayd Corporation
Address : 1325 Gateway Drive
Elgin, IL 60124
847-622-0001

Emergency telephone number: 800-255-3924

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.

P264 Wash skin thoroughly after handling.

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.

P332 + P313 If skin irritation occurs: Get medical advice/ attention.

P337 + P313 If eye irritation persists: Get medical advice/ attention.

P362 Take off contaminated clothing and wash before reuse.

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.

P403 + P235 Store in a well-ventilated place. Keep cool.

P405 Store locked up.

Disposal:

P501 Dispose of contents/ container to an approved waste disposal plant.

Potential Health Effects

Carcinogenicity:

IARC

No component of this product present at levels greater than or equal to 0.1% is identified as probable, possible or confirmed human carcinogen by IARC.

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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

Appearance	liquid
Colour	clear, colourless
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 - 90
64742-88-7	Solvent naphtha (pet), med aliph.	0 - 90
34590-94-8	Dipropylene glycol monomethyl ether	10 - 20

Special Notes: : The ingredients listed may be used interchangeably as functional equivalents.

SECTION 4. FIRST AID MEASURES

General advice	: Move out of dangerous area. Show this safety data sheet to the doctor in attendance. Symptoms of poisoning may appear several hours later. Do not leave the victim unattended.
If inhaled	: Consult a physician after significant exposure. If unconscious place in recovery position and seek medical advice.

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- In case of skin contact : If skin irritation persists, call a physician.
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.
Protect unharmed eye.
Keep eye wide open while rinsing.
If eye irritation persists, consult a specialist.
- If swallowed : Keep respiratory tract clear.
Do NOT induce vomiting.
Do not give milk or alcoholic beverages.
Never give anything by mouth to an unconscious person.
If symptoms persist, call a physician.
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.
- Hazardous combustion products : No hazardous combustion products are known
- Specific extinguishing methods : Use a water spray to cool fully closed containers.
- 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.
- Special protective equipment for firefighters : Wear self-contained breathing apparatus for firefighting if necessary.

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

SECTION 7. HANDLING AND STORAGE

- | | |
|-----------------------------|--|
| Advice on safe handling | : Avoid formation of aerosol.
Do not breathe vapours/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. |
| Conditions for safe storage | : 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), hydrotreated light	TWA	500 ppm 2,000 mg/m ³	OSHA Z-1
		TWA	200 mg/m ³ (as total hydrocarbon vapor)	ACGIH
		TWA	400 ppm 1,600 mg/m ³	OSHA P0
64742-88-7	Solvent naphtha (pet), med aliph.	TWA	500 ppm 2,000 mg/m ³	OSHA Z-1
		TWA	200 mg/m ³ (as total hydrocarbon vapor)	ACGIH
		TWA	400 ppm 1,600 mg/m ³	OSHA P0
34590-94-8	Dipropylene glycol monomethyl ether	TWA	100 ppm	ACGIH
		STEL	150 ppm	ACGIH
		ST	150 ppm 900 mg/m ³	NIOSH REL
		TWA	100 ppm 600 mg/m ³	NIOSH REL
		TWA	100 ppm 600 mg/m ³	OSHA Z-1
		TWA	100 ppm 600 mg/m ³	OSHA P0
		STEL	150 ppm 900 mg/m ³	OSHA P0

Personal protective equipment

Respiratory protection : No personal respiratory protective equipment normally required.

In the case of vapour 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 pro-

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cessing problems.

- Skin and body protection : impervious clothing
Choose body protection according to the amount and concentration of the dangerous substance at the work place.
- Hygiene measures : When using do not eat or drink.
When using do not smoke.
Wash hands before breaks and at the end of workday.

SECTION 9. PHYSICAL AND CHEMICAL PROPERTIES

- Appearance : liquid
- Colour : clear, colourless
- Odour : No data available
- Odour Threshold : No data available
- pH : No data available
- Freezing Point : No data available
- Boiling Point : No data available
- Flash point : 64 °C (147 °F)
- Evaporation rate : No data available
- Flammability (solid, gas) : No data available
- Burning rate : No data available
- Upper explosion limit : No data available
- Lower explosion limit : No data available
- Vapour pressure : No data available
- Relative vapour density : > 1(Air = 1.0)
- Relative density : 0.806 @ 25 °C (77 °F)
Reference substance: (water = 1)
- Density : 0.806 g/cm³ @ 25 °C (77 °F)

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Bulk density	: No data available
Water solubility	: No data available
Solubility in other solvents	: No data available
Partition coefficient: n-octanol/water	: No data available
Auto-ignition temperature	: No data available
Thermal decomposition	: No data available

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	: No hazards to be specially mentioned.
Conditions to avoid	: Keep away from heat, flame, sparks and other ignition sources.
Incompatible materials	: Oxidizing agents

SECTION 11. TOXICOLOGICAL INFORMATION

Acute toxicity

Product:

Acute oral toxicity : Acute toxicity estimate : > 5,000 mg/kg
Method: Calculation method

Components:

64742-47-8:

Acute oral toxicity : LD50 (rat): > 5,000 mg/kg

Acute inhalation toxicity : Remarks: No data available

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Acute dermal toxicity : LD50 (rabbit, male and female): > 2,000 mg/kg
Method: Fixed dose procedure
GLP: yes

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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
GLP: yes
Remarks: Information given is based on data obtained from similar substances.

34590-94-8:

Acute oral toxicity : LD50 (rat): > 5,000 mg/kg
Method: OECD Test Guideline 401
GLP: no

Acute inhalation toxicity : LC0 (rat, male and female): > 275 ppm
Exposure time: 7 h
Method: OECD Test Guideline 403
GLP: no
Assessment: The component/mixture is low toxic after short term inhalation.

Acute dermal toxicity : LD50 (rabbit, male): 9,510 mg/kg
Method: OECD Test Guideline 402
GLP: no

Skin corrosion/irritation**Product:**

Result: Irritating to skin.

Components:**64742-47-8:**

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

64742-88-7:

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

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GLP: yes

34590-94-8:

Species: rabbit
Method: OECD Test Guideline 404
Result: No skin irritation
GLP: no

Serious eye damage/eye irritation

Product:

Result: Irritating to eyes.

Components:

64742-47-8:

Species: rabbit
Result: No eye irritation
Exposure time: 1 s
Method: EPA OTS 798.4500
GLP: yes

64742-88-7:

Species: rabbit
Result: Irritating to eyes.

34590-94-8:

Species: Human
Result: Mild eye irritation
Exposure time: 24 h
Method: In vivo

Respiratory or skin sensitisation

Components:

64742-47-8:

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

64742-88-7:

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

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Remarks: Based on a similar product formulation.

34590-94-8:

Species: Human

Result: Did not cause sensitisation on laboratory animals.

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.

64742-88-7:

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
 Remarks: Information given is based on data obtained from similar substances.

Genotoxicity in vivo : Test Type: DNA damage and/or repair
 Test species: mouse (male)
 Application Route: Intraperitoneal
 Exposure time: 20 -22 h
 Dose: 0, 400, 2000, 4000 mg/kg
 Result: negative
 GLP: yes

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

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34590-94-8:

Genotoxicity in vitro

: Test Type: Ames test
 Test species: Salmonella typhimurium
 Metabolic activation: with and without metabolic activation
 Method: OECD Test Guideline 471
 Result: negative
 GLP: yes

: Test Type: Chromosome aberration test in vitro
 Test species: Chinese hamster lung cells
 Metabolic activation: with and without metabolic activation
 Method: OECD Test Guideline 473
 Result: negative
 GLP: yes

Germ cell mutagenicity-
 Assessment

: Tests on bacterial or mammalian cell cultures did not show mutagenic effects.

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 tumours

Carcinogenicity - Assessment

: Not classifiable as a human carcinogen.

64742-88-7:

Carcinogenicity - Assessment

: Not classifiable as a human carcinogen.

34590-94-8:

Species: mouse, (male and female)
 Application Route: Inhalation
 Exposure time: 2 yr
 Activity duration: 6 h
 Dose: 0, 300, 1000, 3000 ppm
 Frequency of Treatment: 5 days/week
 NOAEL: 3,000 ppm

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Method: OECD Test Guideline 453
 Result: did not display carcinogenic properties
 Symptoms: No tumors
 GLP: yes
 Test substance: Information given is based on data obtained from similar substances.

Carcinogenicity - Assessment : Carcinogenicity classification not possible from current data.

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 foetal 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.

64742-88-7:

Effects on fertility : Test Type: Fertility
 Species: rat, female
 Application Route: Oral
 Dose: 0, 325, 750, 1500 mg/kg/day
 Duration of Single Treatment: 147 d

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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. Reduced offspring weight gain.
 Result: Animal testing did not show any effects on fertility., Embryotoxic effects and adverse effects on the offspring were detected.
 GLP: yes

Effects on foetal development : Species: rat
 Application Route: Oral
 Dose: 0, 500, 1000, 1500, 2000 milligram per kilogram
 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. Did not show teratogenic effects in animal experiments.

34590-94-8:
 Reproductive toxicity - Assessment : Fertility classification not possible from current data. Embryotoxicity classification not possible from current data.

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.	

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64742-88-7:

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.	

34590-94-8:No data available

STOT - repeated exposure

Product:No data available

Components:

64742-47-8:No data available

64742-88-7:No data available

34590-94-8: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

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

Species: mouse, male and female
NOAEL: ≥ 1000
Application Route: inhalation (vapour)
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: $\geq 0,5$
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

64742-88-7:

Species: rat, male
LOAEL: 750 mg/kg
Application Route: Oral
Exposure time: 70 - 90 d
Number of exposures: Daily
Dose: 0, 750, 1500, 3000 mg/kg/day
GLP: yes
Symptoms: weight loss, Local irritation

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/day
GLP: yes
Symptoms: weight loss, Local irritation

Species: rat, male and female
NOAEL: ≥ 24
Application Route: Inhalation
Test atmosphere: vapour
Exposure time: 4 wks
Number of exposures: 6 h/d, 5 d/wk
Dose: 0, 24 mg/m³
GLP: yes

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Remarks: Information given is based on data obtained from similar substances.

Species: rat, male and female
NOAEL: ≥ 0.5 mg/l
Application Route: Dermal
Exposure time: 4 wks
Number of exposures: 6 h/d, 5 d/wk
Dose: 0, 1.01, 0.05, 0.5 ml/kg/day
Method: OECD Test Guideline 410
GLP: yes

Remarks: Information given is based on data obtained from similar substances.

Repeated dose toxicity - : Causes skin irritation.
Assessment

34590-94-8:

Species: rat, male and female
NOAEL: 1,000 mg/kg
Application Route: Oral
Exposure time: 4 wk
Number of exposures: daily
Dose: 0, 40, 200, 1000 mg/kg
GLP: yes

Aspiration toxicity

Components:

64742-47-8:

May be fatal if swallowed and enters airways.

64742-88-7:

May be fatal if swallowed and enters airways.

34590-94-8:

No aspiration toxicity classification

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
 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.

64742-88-7:

Toxicity to fish : LL50 (Oncorhynchus mykiss (rainbow trout)): 2 mg/l
 Exposure time: 96 h
 Test Type: semi-static test
 Analytical monitoring: yes
 Method: OECD Test Guideline 203
 GLP: yes
 Remarks: Information given is based on data obtained from similar substances.

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

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GLP: yes

Toxicity to algae : EL50 (*Pseudokirchneriella subcapitata*): 1 mg/l
 End point: Growth rate
 Exposure time: 72 h
 Test Type: static test
 Method: OECD Test Guideline 201
 GLP: yes
 Remarks: Information given is based on data obtained from similar substances.

Ecotoxicology Assessment
 Acute aquatic toxicity : Toxic to aquatic life.

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

34590-94-8:

Toxicity to fish : LC50 (*Poecilia reticulata* (guppy)): > 1,000 mg/l
 Exposure time: 96 h
 Test Type: static test
 Method: OECD Test Guideline 203
 GLP: yes

Toxicity to daphnia and other aquatic invertebrates : LC50 (*Daphnia magna* (Water flea)): 1,919 mg/l
 Exposure time: 48 h
 Test Type: static test
 Method: OECD Test Guideline 202
 GLP: no

Toxicity to algae : EC50 (*Pseudokirchneriella subcapitata*): > 100 mg/l
 End point: Growth rate
 Exposure time: 72 h
 Test Type: static test
 Analytical monitoring: yes
 Method: OECD Test Guideline 201
 GLP: yes
 Remarks: No toxicity at the limit of solubility

Persistence and degradability

Components:

64742-47-8:

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

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64742-88-7:

Biodegradability : aerobic
Concentration: 101 mg/l
Biodegradation: 61 %
Testing period: 10 d
Exposure time: 28 d
Lag phase: 5 d
Test substance: Solvent naphtha (petroleum), heavy aromatic
GLP: yes

34590-94-8:

Biodegradability : aerobic
Inoculum: Activated sludge, domestic, adaption not specified
Concentration: 79.5 mg/l
Result: Readily biodegradable.
Biodegradation: 76 %
Exposure time: 28 d
Method: OECD Test Guideline 301F
GLP: yes

Bioaccumulative potential

Components:

34590-94-8:

Partition coefficient: n-octanol/water : log Pow: -0.06 (20 °C)

Mobility in soil

Components:

64742-88-7:

Stability in soil : Remarks: Adsorbs on soil.

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 in- : An environmental hazard cannot be excluded in the

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formation 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 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): UN1263, PAINT RELATED MATERIAL, 3, III, Flash Point:64 °C(147 °F)

IMDG (International Maritime Dangerous Goods): UN1263, PAINT RELATED MATERIAL, 3, III

DOT (Department of Transportation): NA1263, Paint Related Materials, CBL, III

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

Components	CAS-No.	Component RQ (lbs)	Calculated product RQ (lbs)
Naphthalene	91-20-3	100	*

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*: Calculated RQ exceeds reasonably attainable upper limit.

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

The following chemical(s) are listed as HAP under the U.S. Clean Air Act, Section 12 (40 CFR 61):

100-41-4	Ethylbenzene	0.0008 %
91-20-3	Naphthalene	0.0008 %
108-88-3	Toluene	0.8902 PPM

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).

The following chemical(s) are listed under the U.S. Clean Air Act Section 111 SOCM I Intermediate or Final VOC's (40 CFR 60.489):

57-55-6	Propylene glycol	0.0164 %
100-41-4	Ethylbenzene	0.0008 %
108-88-3	Toluene	0.8902 PPM

Clean Water Act

The following Hazardous Substances are listed under the U.S. CleanWater Act, Section 311, Table 116.4A:

100-41-4	Ethylbenzene	0.0008 %
91-20-3	Naphthalene	0.0008 %
108-88-3	Toluene	0.8902 PPM

The following Hazardous Chemicals are listed under the U.S. CleanWater Act, Section 311, Table 117.3:

100-41-4	Ethylbenzene	0.0008 %
91-20-3	Naphthalene	0.0008 %
108-88-3	Toluene	0.8902 PPM

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**

34590-94-8 Dipropylene glycol monomethyl ether 10 - 20 %

Pennsylvania Right To Know

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64742-47-8	Distillates (pet), hydrotreated light	0 - 90 %
64742-88-7	Solvent naphtha (pet), med aliph.	0 - 90 %
34590-94-8	Dipropylene glycol monomethyl ether	10 - 20 %

New Jersey Right To Know

64742-47-8	Distillates (pet), hydrotreated light	0 - 90 %
64742-88-7	Solvent naphtha (pet), med aliph.	0 - 90 %
34590-94-8	Dipropylene glycol monomethyl ether	10 - 20 %

California Prop 65

	WARNING! This product contains a chemical known to the State of California to cause cancer.
100-41-4	Ethylbenzene
91-20-3	Naphthalene
	WARNING: This product contains a chemical known to the State of California to cause birth defects or other reproductive harm.
108-88-3	Toluene

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

United States TSCA Inventory	:	y (positive listing) (On TSCA Inventory)
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, or in compliance with the inventory)
Japan. ENCS - Existing and New Chemical Substances Inventory	:	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,

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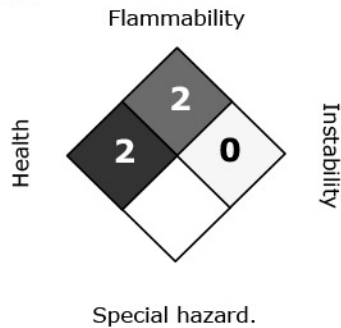
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	or in compliance with the inventory)
China. Inventory of Existing Chemical Substances in China (IECSC)	: y (positive listing) (On the inventory, or in compliance with the inventory)

SECTION 16. OTHER INFORMATION

Further information

NFPA:



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 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 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.

Legacy MSDS: R0306598

Material number:
542196, 69501

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 Chem-	LOAEL	Lowest Observed Adverse Effect

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	ical Substances		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
LC50			Lethal Concentration 50%