# **Safety Data Sheet**

Issue Date: 09-Nov-2016 Revision Date: 22-Nov-2016 Version 1

# Section 1: IDENTIFICATION OF THE SUBSTANCE/MIXTURE AND OF THE COMPANY/UNDERTAKING

#### 1.1. Product Identifier

SDS # WWF-001-EU

Product Name Mouse Milk Penetrating Oil (Green)

Contains Toluene, Methylisobutyl ketone, Petroleum distillates, hydrotreated light naphthenic, Isopropyl Alcohol

#### 1.2. Relevant Identified Uses of the Substance or Mixture and Uses Advised Against

**Recommended Use**Oil Treatment: Rust and corrosion penetrating and prevention

Uses Advised Against May damage some rubber products

# 1.3. Details of the Supplier of the Safety Data Sheet

#### **Supplier**

Worldwide Filter 1689 Abram Court Box 1758

San Leandro, CA 94577

#### For further information, please contact

Contact Point Worldwide Filter Phone: 1-510-483-5122

Email Address sales@mousemilk.com

# 1.4. Emergency telephone number

Emergency Telephone (24 hr) INFOTRAC 1-352-323-3500 (International)

1-800-535-5053 (North America)

# **Section 2: HAZARDS IDENTIFICATION**

### 2.1. Classification of the Substance or Mixture

Regulation (EC) No 1272/2008

| Aspiration toxicity                                | Category 1 - (H304)  |
|--|----------------------|
| Acute toxicity - Inhalation (Dusts/Mists)          | Category 4 - (H332)  |
| Skin corrosion/irritation                          | Category 2 - (H315)  |
| Serious eye damage/eye irritation                  | Category 2 - (H319)  |
| Carcinogenicity                                    | Category 1B - (H350) |
| Reproductive toxicity                              | Category 2 - (H361)  |
| Specific target organ toxicity (single exposure)   | Category 3 - (H336)  |
| Specific target organ toxicity (repeated exposure) | Category 2 - (H373)  |
| Chronic aquatic toxicity                           | Category 3 - (H412)  |
| Flammable Liquids                                  | Category 2 - (H225)  |

#### 2.2. Label Elements

#### **Product Identifier**

Contains Toluene, Methylisobutyl ketone, Petroleum distillates, hydrotreated light naphthenic, Isopropyl Alcohol



#### Signal Word

Danger

#### **Hazard statements**

H304 - May be fatal if swallowed and enters airways

H315 - Causes skin irritation

H319 - Causes serious eve irritation

H332 - Harmful if inhaled

H361d - Suspected of damaging the unborn child

H350 - May cause cancer

H336 - May cause drowsiness or dizziness

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

H412 - Harmful to aquatic life with long lasting effects

#### Precautionary Statements - EU (§28, 1272/2008)

P201 - Obtain special instructions before use

P202 - Do not handle until all safety precautions have been read and understood

P260 - Do not breathe dust/fume/gas/mist/vapours/spray

P264 - Wash face, hands and any exposed skin thoroughly after handling

P403 + P233 - Store in a well-ventilated place. Keep container tightly closed

P280 - Wear protective gloves/protective clothing/eye protection/face protection

P210 - Keep away from heat/sparks/open flames/hot surfaces. — No smoking

P370 + P378 - In case of fire: Use carbon dioxide, dry chemical or foam to extinguish

P308 + P313 - IF exposed or concerned: Get medical advice/attention

P301 + P310 - IF SWALLOWED: Immediately call a POISON CENTER or doctor

P331 - Do NOT induce vomiting

P305 + P351 + P338 - IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing

P313 - Get medical advice/attention

P302 + P352 - IF ON SKIN: Wash with plenty of soap and water

P313 - Get medical advice/attention

P304 + P312 - IF INHALED: Call a POISON CENTER or doctor if you feel unwell

#### 2.3. Other Hazards

No information available

# Section 3: COMPOSITION/INFORMATION ON INGREDIENTS

#### 3.2 MIXTURES

| Chemical Name   | EC No   | CAS No     | Weight-% | Classification<br>according to<br>Regulation (EC) No.<br>1272/2008 [CLP]   | REACH<br>Registration<br>Number |
|---|---------|------------|----------|--|---------------------------------|
| Petroleum distillates,<br>hydrotreated light naphthenic | Present | 64742-53-6 | 51       | Carc. 1B (H350)  | Not determined                  |
| Toluene   | Present | 108-88-3   | 39       | Skin Irrit. 2 (H315)<br>Repr. 2 (H361d)<br>STOT SE 3 (H336)<br>STOT RE 2 (H373)<br>Asp. Tox. 1 (H304)<br>Flam. Liq. 2 (H225) | Not determined                  |
| Isopropyl Alcohol                                       | Present | 67-63-0    | 6        | Eye Irrit. 2 (H319)<br>STOT SE 3 (H336)<br>Flam. Liq. 2 (H225)   | Not determined                  |
| Methylisobutyl ketone                                   | Present | 108-10-1   | 4        | (EUH066) Acute Tox. 4 (H332) Eye Irrit. 2 (H319) STOT SE 3 (H335) Flam. Liq. 2 (H225)  | Not determined                  |

#### Full text of H- and EUH-phrases: see section 16

This product does not contain candidate substances of very high concern at a concentration >=0.1% (Regulation (EC) No. 1907/2006 (REACH), Article 59)

# **Section 4: FIRST AID MEASURES**

#### 4.1. Description of First Aid Measures

Eye Contact IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if

present and easy to do. Continue rinsing. If eye irritation persists: Get medical

advice/attention.

Skin Contact IF ON SKIN (or hair): Remove/Take off immediately all contaminated clothing. Wash skin with

soap and water. If skin irritation occurs: Get medical advice/attention.

**Inhalation** 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.

Ingestion IF SWALLOWED: call a poison control center or physician immediately. Do NOT induce

vomiting. Give large amounts of water to drink.

#### 4.2. Most Important Symptoms and Effects, Both Acute and Delayed

**Symptoms** Causes serious eye irritation. Causes skin irritation. Can be harmful if ingested. May be fatal

if swallowed and enters airways. May cause drowsiness or dizziness. May cause damage to

organs through prolonged or repeated exposure.

#### 4.3. Indication of any Immediate Medical Attention and Special Treatment Needed

Notes to Physician Treat symptomatically.

# **Section 5: FIRE-FIGHTING MEASURES**

Revision Date: 22-Nov-2016

#### 5.1. Extinguishing Media

# Suitable Extinguishing Media

Carbon dioxide (CO2). Dry chemical. Alcohol resistant foam.

#### **Unsuitable Extinguishing Media**

DO NOT USE WATER.

#### 5.2. Special Hazards Arising from the Substance or Mixture

Highly flammable liquid and vapour. Vapors may be heavier than air and may travel along the ground to a distant ignition source and flash back. Container may rupture on heating. See Section 10 for additional information. Take precautionary measures against static discharge.

**Hazardous Combustion** 

None known.

**Products** 

#### 5.3. Advice for Firefighters

Wear self-contained breathing apparatus for fire-fighting if necessary. Use personal protective equipment as required.

### Section 6: ACCIDENTAL RELEASE MEASURES

#### 6.1. Personal Precautions, Protective Equipment and Emergency Procedures

#### **Personal Precautions**

Use personal protective equipment as required. Keep unprotected persons away.

#### For Emergency Responders

Use personal protection recommended in Section 8. Follow all fire-fighting procedures in Section 5.

#### 6.2. Environmental Precautions

Prevent from entering into soil, ditches, sewers, waterways and/or groundwater. See Section 12, Ecological Information.

#### 6.3. Methods and Material for Containment and Cleaning Up

**Methods for Containment** Prevent further leakage or spillage if safe to do so.

Methods for Clean-Up Place in appropriate containers for disposal. Absorb with liquid-binding material (sand.

diatomite, acid binders, universal binders, sawdust). Do not flush with water or aqueous

cleansing agents.

**Prevention of Secondary Hazards** Clean contaminated objects and areas thoroughly observing environmental regulations.

# 6.4. Reference to Other Sections

See Section 7 for information on safe handling. See Section 8 for information on personal protective equipment. See Section 13: DISPOSAL CONSIDERATIONS.

### Section 7: HANDLING AND STORAGE

# 7.1. Precautions for Safe Handling

# Advice on Safe Handling

Obtain special instructions before use. Do not handle until all safety precautions have been read and understood. Wear protective gloves/protective clothing and eye/face protection. Use only outdoors or in a well-ventilated area. Do not breathe dust/fume/gas/mist/vapours/spray. Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking. Keep container tightly closed. Ground and bond container and receiving equipment. Use explosion-proof electrical/ventilating / lighting / equipment. Use non-sparking tools. Take precautionary measures against static discharges.

#### **General Hygiene Considerations**

Handle in accordance with good industrial hygiene and safety practice.

# 7.2. Conditions for Safe Storage, Including any Incompatibilities

### **Storage Conditions**

Keep containers tightly closed in a cool, well-ventilated place. Store locked up. Keep away from open flames, hot surfaces and sources of ignition.

# 7.3. Specific End Use(s)

# Specific Use(s)

Oil Treatment: Rust and corrosion penetrating and prevention.

# **Risk Management Methods (RMM)**

The information required is contained in this Safety Data Sheet.

# Section 8: EXPOSURE CONTROLS/PERSONAL PROTECTION

#### 8.1. Control Parameters

**Exposure Limits** 

| Chemical Name         | European Union                     | United Kingdom                            | France                                | Spain  | Germany                                 |
|-----------------------|------------------------------------|---|---------------------------------------|--|---|
| Toluene               | TWA: 50 ppm                        | STEL: 100 ppm                             | TWA: 20 ppm                           | S*   | TWA: 50 ppm                             |
| 108-88-3              | TWA: 192 mg/m <sup>3</sup>         | STEL: 384 mg/m <sup>3</sup>               | TWA: 76.8 mg/m <sup>3</sup>           | STEL: 100 ppm                                | TWA: 190 mg/m <sup>3</sup>              |
|                       | Skin                               | TWA: 50 ppm                               | TWA: 1000 mg/m <sup>3</sup>           | STEL: 384 mg/m <sup>3</sup>                  | H*                                      |
|                       |                                    | TWA: 191 mg/m <sup>3</sup>                | STEL: 100 ppm                         | TWA: 50 ppm                                  |   |
|                       |                                    | Skin                                      | STEL: 384 mg/m <sup>3</sup>           | TWA: 192 mg/m <sup>3</sup>                   |   |
|                       |                                    |   | STEL: 1500 mg/m <sup>3</sup>          |  |   |
| Isopropyl Alcohol     | -                                  | STEL: 500 ppm                             | STEL: 400 ppm                         | STEL: 400 ppm                                | TWA: 200 ppm                            |
| 67-63-0               |                                    | STEL: 1250 mg/m <sup>3</sup>              | STEL: 980 mg/m <sup>3</sup>           | STEL: 1000 mg/m <sup>3</sup>                 | TWA: 500 mg/m <sup>3</sup>              |
|                       |                                    | TWA: 400 ppm                              |                                       | TWA: 200 ppm ু                               |   |
|                       |                                    | TWA: 999 mg/m <sup>3</sup>                |                                       | TWA: 500 mg/m <sup>3</sup>                   |   |
| Methylisobutyl ketone | TWA 20 ppm                         | STEL: 100 ppm                             | TWA: 20 ppm                           | STEL: 50 ppm                                 | TWA: 20 ppm                             |
| 108-10-1              | TWA 83 mg/m <sup>3</sup>           | STEL: 416 mg/m <sup>3</sup>               | TWA: 83 mg/m <sup>3</sup>             | STEL: 208 mg/m <sup>3</sup>                  | TWA: 83 mg/m <sup>3</sup>               |
|                       | STEL 50 ppm                        | TWA: 50 ppm                               | STEL: 50 ppm                          | TWA: 20 ppm                                  | H*                                      |
|                       | STEL 208 mg/m <sup>3</sup>         | TWA: 208 mg/m <sup>3</sup>                | STEL: 208 mg/m <sup>3</sup>           | TWA: 83 mg/m <sup>3</sup>                    |   |
|                       |                                    | Skin                                      |                                       |  |   |
| Chemical Name         | Italy                              | Portugal                                  | Netherlands                           | Finland                                      | Denmark                                 |
| Toluene               | TWA: 50 ppm                        | STEL: 100 ppm                             | STEL: 384 mg/m <sup>3</sup>           | TWA: 25 ppm                                  | TWA: 25 ppm                             |
| 108-88-3              | TWA: 192 mg/m <sup>3</sup><br>Skin | STEL: 384 mg/m <sup>3</sup>               | TWA: 150 mg/m <sup>3</sup>            | TWA: 81 mg/m <sup>3</sup>                    | TWA: 94 mg/m³<br>Skin                   |
|                       | SKIII                              | TWA: 50 ppm<br>TWA: 192 mg/m <sup>3</sup> |                                       | STEL: 100 ppm<br>STEL: 380 mg/m <sup>3</sup> | SKIII                                   |
|                       |                                    | 1 VV A. 192 mg/m                          |                                       | Stel. 360 mg/m<br>Skin                       |   |
| Isopropyl Alcohol     | _                                  | STEL: 400 ppm                             | _                                     | TWA: 200 ppm                                 | TWA: 200 ppm                            |
| 67-63-0               | _                                  | TWA: 200 ppm                              | -                                     | TWA: 200 ppm                                 | TWA: 490 mg/m <sup>3</sup>              |
| 07-03-0               |                                    | 1 VVA. 200 ppili                          |                                       | STEL: 250 ppm                                | 1 VV A. 430 mg/m                        |
|                       |                                    |   |                                       | STEL: 620 mg/m <sup>3</sup>                  |   |
| Methylisobutyl ketone | TWA: 20 ppm                        | STEL: 50 ppm                              | STEL: 208 mg/m <sup>3</sup>           | TWA: 20 ppm                                  | TWA: 20 ppm                             |
| 108-10-1              | TWA: 83 mg/m <sup>3</sup>          | STEL: 208 mg/m <sup>3</sup>               | TWA: 104 mg/m <sup>3</sup>            | TWA: 80 mg/m <sup>3</sup>                    | TWA: 83 mg/m <sup>3</sup>               |
| 100 10 1              | STEL: 50 ppm                       | TWA: 20 ppm                               | 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 | STEL: 50 ppm                                 | Skin                                    |
|                       | STEL: 208 mg/m <sup>3</sup>        | TWA: 83 mg/m <sup>3</sup>                 |                                       | STEL: 210 mg/m <sup>3</sup>                  | • |
| Chemical Name         | Austria                            | Switzerland                               | Poland                                | Norway                                       | Ireland                                 |
| Toluene               | Skin                               | Skin                                      | STEL: 200 mg/m <sup>3</sup>           | TWA: 25 ppm                                  | TWA: 50 ppm                             |
| 108-88-3              | STEL 100 ppm                       | STEL: 200 ppm                             | TWA: 100 mg/m <sup>3</sup>            | TWA: 94 mg/m <sup>3</sup>                    | TWA: 192 mg/m <sup>3</sup>              |
|                       | STEL 380 mg/m <sup>3</sup>         | STEL: 760 mg/m <sup>3</sup>               |                                       | Skin   | STEL: 384 mg/m <sup>3</sup>             |
|                       | TWA: 50 ppm                        | TWA: 50 ppm                               |                                       | STEL: 25 ppm                                 | STEL: 100 ppm                           |
|                       | TWA: 190 mg/m <sup>3</sup>         | TWA: 190 mg/m <sup>3</sup>                |                                       | STEL: 94 mg/m <sup>3</sup>                   | Skin                                    |
| Isopropyl Alcohol     | STEL 800 ppm                       | STEL: 400 ppm                             | STEL: 1200 mg/m <sup>3</sup>          | TWA: 100 ppm                                 | TWA: 200 ppm                            |
| 67-63-0               | STEL 2000 mg/m <sup>3</sup>        | STEL: 1000 mg/m <sup>3</sup>              | TWA: 900 mg/m <sup>3</sup>            | TWA: 245 mg/m <sup>3</sup>                   | STEL: 400 ppm                           |
|                       | TWA: 200 ppm                       | TWA: 200 ppm                              |                                       | STEL: 100 ppm                                | Skin                                    |
|                       | TWA: 500 mg/m <sup>3</sup>         | TWA: 500 mg/m <sup>3</sup>                |                                       | STEL: 245 mg/m <sup>3</sup>                  |   |
| Methylisobutyl ketone | Skin                               | Skin                                      | STEL: 200 mg/m <sup>3</sup>           | TWA: 20 ppm                                  | TWA: 20 ppm                             |
| 108-10-1              | STEL 50 ppm                        | STEL: 40 ppm                              | TWA: 83 mg/m <sup>3</sup>             | TWA: 83 mg/m <sup>3</sup>                    | TWA: 83 mg/m <sup>3</sup>               |
|                       | STEL 208 mg/m <sup>3</sup>         | STEL: 164 mg/m <sup>3</sup>               |                                       | Skin   | STEL: 50 ppm                            |
|                       | TWA: 20 ppm                        | TWA: 20 ppm                               |                                       | STEL: 20 ppm                                 | STEL: 208 mg/m <sup>3</sup>             |
|                       | TWA: 83 mg/m <sup>3</sup>          | TWA: 82 mg/m <sup>3</sup>                 |                                       | STEL: 83 mg/m <sup>3</sup>                   | Skin                                    |

8.2. Exposure Controls

**Engineering Controls** Apply technical measures to comply with the occupational exposure limits. Showers.

Eyewash stations.

**Personal Protective Equipment** 

Eye/Face ProtectionTightly sealed goggles.Hand ProtectionWear protective gloves.Skin and Body ProtectionSuitable protective clothing.

Respiratory Protection Ensure adequate ventilation, especially in confined areas. In case of brief exposure or low

pollution, use respiratory filter device. In case of intensive or longer exposure, use

Revision Date: 22-Nov-2016

self-contained respiratory protective device.

# **Section 9: PHYSICAL AND CHEMICAL PROPERTIES**

9.1. Information on Basic Physical and Chemical Properties

Physical state Liquid

AppearanceColourless to light amber liquidOdourSweet PungentColourColourless to light amberOdour ThresholdNot determined

<u>Property</u> <u>Values</u> <u>Remarks • Method</u>

pH Not determined
Melting Point/Freezing Point
Boiling Point/Boiling Range
Flash Point

Not determined
Not determined
111°C / 232°F
>4°C / >39°F

Evaporation Rate 1.9 g/cm3 (n-BuAc=1)

Flammability (Solid, Gas) Liquid- Not Applicable

Flammability Limits in Air

Upper Flammability LimitsNot determinedLower Flammability LimitNot determined

Vapour Pressure 29 hPa @ 20°C (68°F)

Vapour DensityNot determinedRelative DensityNot determined

Water Solubility Not miscible Difficult to mix

Solubility(ies) Not determined Partition Coefficient Not determined

Auto-ignition Temperature Product is not selfigniting

Decomposition TemperatureNot determinedKinematic ViscosityNot determinedDynamic ViscosityNot determinedExplosive PropertiesNot determinedOxidising PropertiesNot determined

9.2. Other information

VOC Content (%) 394 g/L

### Section 10: STABILITY AND REACTIVITY

#### 10.1. Reactivity

Not reactive under normal conditions.

#### 10.2. Chemical stability

Stable under normal conditions.

10.3. Possibility of Hazardous Reactions

#### **Possibility of Hazardous Reactions**

None under normal processing.

#### 10.4. Conditions to Avoid

Keep out of reach of children. Take precautionary measures against static discharges. See Sec. 7 Handling & Storage.

#### 10.5. Incompatible Materials

None known based on information supplied.

### 10.6. Hazardous Decomposition Products

None under normal use conditions.

# Section 11: TOXICOLOGICAL INFORMATION

#### 11.1. Information on Toxicological Effects

#### **Acute Toxicity**

#### **Product Information**

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**Inhalation** Harmful if inhaled.

**Eye Contact** Causes serious eye irritation.

**Skin Contact** Causes skin irritation.

**Ingestion** Do not ingest.

# The following values are calculated based on chapter 3.1 of the GHS document

 ATEmix (oral)
 2,434.00 mg/kg

 ATEmix (dermal)
 8,084.00 mg/kg

 ATEmix (inhalation-gas)
 745.00 ppm

 ATEmix (inhalation-dust/mist)
 3.40 mg/L

#### Unknown Acute Toxicity

100% of the mixture consists of ingredient(s) of unknown toxicity.

51 % of the mixture consists of ingredient(s) of unknown acute oral toxicity.

51 % of the mixture consists of ingredient(s) of unknown acute dermal toxicity.

6 % of the mixture consists of ingredient(s) of unknown acute inhalation toxicity (gas).

100 % of the mixture consists of ingredient(s) of unknown acute inhalation toxicity (vapour).

0 % of the mixture consists of ingredient(s) of unknown acute inhalation toxicity (dust/mist).

Component Information

| Chemical Name         | Oral LD50            | Dermal LD50              | Inhalation LC50                     |  |
|-----------------------|----------------------|--------------------------|-------------------------------------|--|
| Toluene               | = 2600 mg/kg (Rat)   | = 12000 mg/kg ( Rabbit ) | = 12.5 mg/L (Rat) 4 h               |  |
| Isopropyl Alcohol     | = 1870 mg/kg (Rat)   | = 4059 mg/kg (Rabbit)    | = 72600 mg/m <sup>3</sup> (Rat) 4 h |  |
| Methylisobutyl ketone | = 2080 mg/kg ( Rat ) | = 3000 mg/kg ( Rabbit )  | = 8.2 mg/L ( Rat ) 4 h              |  |

**Skin corrosion/irritation** Causes skin irritation.

Serious eye damage/eye irritation Causes serious eye irritation.

Sensitisation Not classified.

Germ cell mutagenicity Not classified.

**Carcinogenicity** May cause cancer.

| Chemical Name  | European Union |  |  |
|--|----------------|--|--|
| Petroleum distillates, hydrotreated light naphthenic | Carc. 1B       |  |  |

Reproductive toxicity Suspected of damaging fertility or the unborn child.

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STOT - single exposure May cause drowsiness or dizziness.

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

**Symptoms** Please see section 4 of this SDS for symptoms.

**Aspiration hazard** May be fatal if swallowed and enters airways.

# **Section 12: ECOLOGICAL INFORMATION**

### 12.1. Toxicity

Harmful to aquatic life with long lasting effects.

| Chemical Name                       | Algae/aquatic plants                 | Fish                                    | Crustacea                           |
|-------------------------------------|--------------------------------------|---|-------------------------------------|
| Petroleum distillates, hydrotreated |                                      | 5000: 96 h Oncorhynchus mykiss          | 1000: 48 h Daphnia magna mg/L       |
| light naphthenic                    |                                      | mg/L LC50                               | EC50                                |
| Toluene                             | 12.5: 72 h Pseudokirchneriella       | 15.22 - 19.05: 96 h Pimephales          | 5.46 - 9.83: 48 h Daphnia magna     |
|                                     | subcapitata mg/L EC50 static 433:    | promelas mg/L LC50 flow-through         | mg/L EC50 Static 11.5: 48 h Daphnia |
|                                     | 96 h Pseudokirchneriella subcapitata | 50.87 - 70.34: 96 h Poecilia reticulata | magna mg/L EC50                     |
|                                     | mg/L EC50                            | mg/L LC50 static 11.0 - 15.0: 96 h      |                                     |
|                                     | _                                    | Lepomis macrochirus mg/L LC50           |                                     |
|                                     |                                      | static 54: 96 h Oryzias latipes mg/L    |                                     |
|                                     |                                      | LC50 static 5.89 - 7.81: 96 h           |                                     |
|                                     |                                      | Oncorhynchus mykiss mg/L LC50           |                                     |
|                                     |                                      | flow-through 5.8: 96 h Oncorhynchus     |                                     |
|                                     |                                      | mykiss mg/L LC50 semi-static 12.6:      |                                     |
|                                     |                                      | 96 h Pimephales promelas mg/L           |                                     |
|                                     |                                      | LC50 static 14.1 - 17.16: 96 h          |                                     |
|                                     |                                      | Oncorhynchus mykiss mg/L LC50           |                                     |
|                                     |                                      | static 28.2: 96 h Poecilia reticulata   |                                     |
|                                     |                                      | mg/L LC50 semi-static                   |                                     |
| Isopropyl Alcohol                   | 1000: 96 h Desmodesmus               | 9640: 96 h Pimephales promelas          | 13299: 48 h Daphnia magna mg/L      |
|                                     | subspicatus mg/L EC50 1000: 72 h     | mg/L LC50 flow-through 1400000:         | EC50                                |
|                                     | Desmodesmus subspicatus mg/L         | 96 h Lepomis macrochirus μg/L           |                                     |
|                                     | EC50                                 | LC50 11130: 96 h Pimephales             |                                     |
|                                     |                                      | promelas mg/L LC50 static               |                                     |
| Methylisobutyl ketone               | 400: 96 h Pseudokirchneriella        | 496 - 514: 96 h Pimephales              | 170: 48 h Daphnia magna mg/L        |
|                                     | subcapitata mg/L EC50                | promelas mg/L LC50 flow-through         | EC50                                |

### 12.2. Persistence and Degradability

Not determined.

#### 12.3. Bioaccumulative Potential

| Chemical Name         | Partition Coefficient |  |  |
|-----------------------|-----------------------|--|--|
| Toluene               | 2.7                   |  |  |
| Isopropyl Alcohol     | 0.05                  |  |  |
| Methylisobutyl ketone | 1.19                  |  |  |

# 12.4. Mobility in Soil

### Mobility

Not determined.

### 12.5. Results of PBT and vPvB Assessment

Not determined.

### 12.6. Other Adverse Effects

Not determined.

# **Section 13: DISPOSAL CONSIDERATIONS**

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#### 13.1. Waste Treatment Methods

Waste from Residues / Unused

**Products** 

Disposal should be in accordance with applicable regional, national and local laws and

Revision Date: 22-Nov-2016

regulations.

**Contaminated Packaging** Improper disposal or reuse of this container may be dangerous and illegal.

### **Section 14: TRANSPORT INFORMATION**

**IMDG** 

**14.1 UN/ID No** UN1993

**14.2 Proper Shipping Name** Flammable liquids, n.o.s. (Toluene, Isopropyl Alcohol)

14.3 Hazard Class 3 14.4 Packing Group II

RID

**14.1 UN/ID No** UN1993

**14.2 Proper Shipping Name** Flammable liquids, n.o.s. (Toluene, Isopropyl Alcohol)

**14.3 Hazard Class** 3 **14.4 Packing Group** II

ADR

**14.1 UN/ID No** UN1993

**14.2 Proper Shipping Name** Flammable liquids, n.o.s. (Toluene, Isopropyl Alcohol)

14.3 Hazard Class 3 14.4 Packing Group II

IATA

**14.1 UN/ID No** UN1993

**14.2 Proper Shipping Name** Flammable liquids, n.o.s. (Toluene, Isopropyl Alcohol)

**14.3 Hazard Class** 3 **14.4 Packing Group** II

### **Section 15: REGULATORY INFORMATION**

#### 15.1. Safety, Health and Environmental Regulations/Legislation Specific for the Substance or Mixture

#### France

Occupational Illnesses (R-463-3, France)

| Chemical Name                     | French RG number | Title |
|-----------------------------------|------------------|-------|
| Toluene<br>108-88-3               | RG 4bis,RG 84    |       |
| Isopropyl Alcohol<br>67-63-0      | RG 84            |       |
| Methylisobutyl ketone<br>108-10-1 | RG 84            |       |

#### **European Union**

Take note of Directive 98/24/EC on the protection of the health and safety of workers from the risks related to chemical agents at work .

#### Authorisations and/or restrictions on use:

This product does not contain substances subject to authorisation (Regulation (EC) No. 1907/2006 (REACH), Annex XIV) This product does not contain substances subject to restriction (Regulation (EC) No. 1907/2006 (REACH), Annex XVII)

Persistent Organic Pollutants

Not applicable

Ozone-depleting substances (ODS) regulation (EC) 1005/2009 Not applicable

#### International Inventories

| Component   | TSCA | DSL/NDSL | EINECS/ELIN<br>CS | PICCS | ENCS    | IECSC | AICS | KECL    |
|---|------|----------|-------------------|-------|---------|-------|------|---------|
| Petroleum distillates,<br>hydrotreated light<br>naphthenic<br>64742-53-6 (51) | Х    | Х        | X                 | Х     | -       | Х     | Х    | Present |
| Toluene<br>108-88-3 ( 39 )  | Х    | Х        | Х                 | Х     | Present | Х     | Х    | Present |
| Isopropyl Alcohol<br>67-63-0 ( 6 )  | Х    | Х        | Х                 | Х     | Present | Х     | Х    | Present |
| Methylisobutyl ketone<br>108-10-1 (4)   | Х    | Х        | Х                 | Х     | Present | Х     | Х    | Present |

#### Legend

TSCA - United States Toxic Substances Control Act Section 8(b) Inventory

EINECS/ELINCS - European Inventory of Existing Chemical Substances/Éuropean List of Notified Chemical Substances

DSL/NDSL - Canadian Domestic Substances List/Non-Domestic Substances List

PICCS - Philippines Inventory of Chemicals and Chemical Substances

ENCS - Japan Existing and New Chemical Substances
IECSC - China Inventory of Existing Chemical Substances

AICS - Australian Inventory of Chemical Substances
KECL - Korean Existing and Evaluated Chemical Substances

#### 15.2. Chemical Safety Assessment

No Chemical Safety Assessment has been carried out for this substance/mixture by the supplier.

### Section 16: OTHER INFORMATION

#### Full text of H-Statements referred to under section 3

H332 - Harmful if inhaled

H319 - Causes serious eye irritation

H335 - May cause respiratory irritation

H225 - Highly flammable liquid and vapour

H315 - Causes skin irritation

H361d - Suspected of damaging the unborn child

H336 - May cause drowsiness or dizziness

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

H304 - May be fatal if swallowed and enters airways

H350 - May cause cancer

EUH066 - Repeated exposure may cause skin dryness or cracking

SVHC: Substances of Very High Concern for Authorisation:

Section 8: EXPOSURE CONTROLS/PERSONAL PROTECTION Legend

TWA TWA (time-weighted average) STEL STEL (Short Term Exposure Limit)

Ceiling Maximum limit value Skin designation

**Classification Procedure** 

Calculation method

Issue Date: 09-Nov-2016

Revision Date: 22-Nov-2016

Revision Note: New format.

This safety data sheet complies with the requirements of Regulation (EC) No. 1907/2006, as amended by Regulation (EU) No. 453/2010

#### **Disclaimer**

The information provided in this Safety Data Sheet is correct to the best of our knowledge, information and belief at the date of its publication. The information given is designed only as a guidance for safe handling, use, processing, storage, transportation, disposal and release and is not to be considered a warranty or quality specification. The information relates only to the specific material designated and may not be valid for such material used in combination with any other materials or in any process, unless specified in the text.

**End of Safety Data Sheet**