

Safety Data Sheet

according to 1907/2006/EC, Article 31

Printing date 12.08.2013

Version number 2

Revision: 12.08.2013

Hazardous according to criteria of Australian Safety and Compensation Council

1 Identification of the substance/mixture and of the company/undertaking

- **Product identifier**
- **Trade name: Mousemilk Penetrating Oil**
- **Article number:** WWF MPO
- **Application of the substance / the preparation** PRODUCT USE: Oil Treatment
- **Details of the supplier of the safety data sheet**
- **Manufacturer/Supplier:**
Worldwide Filter, Inc.
1689 Abram Court
San Leandro, CA 94577 USA
(510) 483-5122
www.mousemilk.com
- **Emergency telephone number:**
(800) 535-5053 Infotrac
Contact No.: 79544

2 Hazards identification

- **Classification of the substance or mixture**



GHS02 flame

H225 Highly flammable liquid and vapour.



GHS08 health hazard

H350 May cause cancer.

H361 Suspected of damaging fertility or the unborn child.

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

H304 May be fatal if swallowed and enters airways.



GHS07

H315 Causes skin irritation.

H336 May cause drowsiness or dizziness.

- **Hazard description:** Sweet, pungent

- **Information concerning particular hazards for human and environment:**

Not applicable.

The product has to be labelled due to the calculation procedure of the "General Classification guideline for preparations of the EU" in the latest valid version.

- **Classification system:**

The classification is according to the latest editions of the EU-lists, and extended by company and literature data.

- **Label elements**

- **GHS label elements**

The product is classified and labelled according to the Globally Harmonized System (GHS).

(Contd. on page 2)

Safety Data Sheet

according to 1907/2006/EC, Article 31

Printing date 12.08.2013

Version number 2

Revision: 12.08.2013

Trade name: Mousemilk Penetrating Oil

(Contd. of page 1)

· Hazard pictograms

GHS02 GHS07 GHS08

· Signal word Danger**· Hazard-determining components of labelling:**

Distillates (petroleum), hydrotreated light naphthenic toluene

· Hazard statements

H225 Highly flammable liquid and vapour.
 H315 Causes skin irritation.
 H350 May cause cancer.
 H361 Suspected of damaging fertility or the unborn child.
 H336 May cause drowsiness or dizziness.
 H373 May cause damage to organs through prolonged or repeated exposure.
 H304 May be fatal if swallowed and enters airways.

· Precautionary statements

Precautionary statements

P101 If medical advice is needed, have product container or label at hand.
 P102 Keep out of reach of children.
 P103 Read label before use.
 P210 Keep away from heat/sparks/open flames/hot surfaces. - No smoking.
 P241 Use explosion-proof electrical/ventilating/lighting/equipment.
 P301+P310 IF SWALLOWED: Immediately call a POISON CENTER or doctor/physician.
 P303+P361+P353 IF ON SKIN (or hair): Remove/Take off immediately all contaminated clothing. Rinse skin with water/shower.
 P405 Store locked up.
 P501 Dispose of contents/container in accordance with local/regional/national/international regulations.

· Information concerning particular hazards for human and environment:**· Safety phrases:**

53 Avoid exposure - obtain special instructions before use.
 1/2 Keep locked up and out of the reach of children.
 9 Keep container in a well-ventilated place.
 29/56 Do not empty into drains, dispose of this material and its container at hazardous or special waste collection point.
 36/37/39 Wear suitable protective clothing, gloves and eye/face protection.
 45 In case of accident or if you feel unwell, seek medical advice immediately (show the label where possible).

· Classification system: NFPA/HMIS Definitions: 0-Least, 1-Slight, 2-Moderate, 3-High, 4-Extreme**· Other hazards****· Results of PBT and vPvB assessment**

- **PBT:** Not applicable.
- **vPvB:** Not applicable.

3 Composition/information on ingredients**· Chemical characterization: Mixtures**

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

(Contd. on page 3)

Safety Data Sheet

according to 1907/2006/EC, Article 31

Printing date 12.08.2013

Version number 2

Revision: 12.08.2013

Trade name: Mousemilk Penetrating Oil

(Contd. of page 2)

· Dangerous components:		
108-88-3	toluene Xn R48/20-63-65; Xi R38; F R11 R67 Repr. Cat. 3 H225; H361; H373; H304; H315; H336	50-60%
64742-53-6	Distillates (petroleum), hydrotreated light naphthenic T Carc. Cat. 2 R45 H350	35-45%
67-63-0	Isopropyl alcohol Xi R36; F R11 R67 H225; H319; H336	1-10%
108-10-1	4-methylpentan-2-one Xn R20; Xi R36/37; F R11 R66 H225; H332; H319; H335	1-10%

· **Additional information:** For the wording of the listed risk phrases refer to section 16.

4 First aid measures

· **Description of first aid measures**

· **General information:**

Symptoms of poisoning may even occur after several hours; therefore medical observation for at least 48 hours after the accident.

· **After inhalation:**

Supply fresh air. If required, provide artificial respiration. Keep patient warm. Consult doctor if symptoms persist.

In case of unconsciousness place patient stably in side position for transportation.

· **After skin contact:** Immediately wash with water and soap and rinse thoroughly.

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

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

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

· **Indication of any immediate medical attention and special treatment needed**

No further relevant information available.

5 Firefighting measures

· **Extinguishing media**

· **Suitable extinguishing agents:** CO₂, sand, extinguishing powder. Do not use water.

· **For safety reasons unsuitable extinguishing agents:** Water with full jet

· **Special hazards arising from the substance or mixture** No further relevant information available.

· **Advice for firefighters**

· **Protective equipment:** Mouth respiratory protective device.

6 Accidental release measures

· **Personal precautions, protective equipment and emergency procedures**

Wear protective equipment. Keep unprotected persons away.

· **Environmental precautions:**

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

Inform respective authorities in case of seepage into water course or sewage system.

Do not allow to enter sewers/ surface or ground water.

(Contd. on page 4)

Safety Data Sheet

according to 1907/2006/EC, Article 31

Printing date 12.08.2013

Version number 2

Revision: 12.08.2013

Trade name: Mousemilk Penetrating Oil

(Contd. of page 3)

- **Methods and material for containment and cleaning up:**

Absorb with liquid-binding material (sand, diatomite, acid binders, universal binders, sawdust).
 Dispose contaminated material as waste according to item 13.
 Ensure adequate ventilation.
 Do not flush with water or aqueous cleansing agents

- **Reference to other sections**

See Section 7 for information on safe handling.
 See Section 8 for information on personal protection equipment.
 See Section 13 for disposal information.

7 Handling and storage

- **Precautions for safe handling**

Ensure good ventilation/exhaustion at the workplace.
 Open and handle receptacle with care.
 Prevent formation of aerosols.

- **Information about fire - and explosion protection:**

Keep ignition sources away - Do not smoke.
 Protect from heat.
 Protect against electrostatic charges.
 Keep respiratory protective device available.

- **Conditions for safe storage, including any incompatibilities**

- **Storage:**

- **Requirements to be met by storerooms and receptacles:** Store in a cool location.

- **Information about storage in one common storage facility:** Not required.

- **Further information about storage conditions:**

Keep container tightly sealed.
 Store in cool, dry conditions in well sealed receptacles.
 Protect from heat and direct sunlight.

- **Specific end use(s)** No further relevant information available.

8 Exposure controls/personal protection

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

- **Control parameters**

- **Ingredients with limit values that require monitoring at the workplace:**

108-88-3 toluene

NES	Short-term value: 574 mg/m ³ , 150 ppm
	Long-term value: 191 mg/m ³ , 50 ppm
	Sk

67-63-0 Isopropyl alcohol

NES	Short-term value: 1230 mg/m ³ , 500 ppm
	Long-term value: 983 mg/m ³ , 400 ppm

108-10-1 4-methylpentan-2-one

NES	Short-term value: 307 mg/m ³ , 75 ppm
	Long-term value: 205 mg/m ³ , 50 ppm

- **Additional information:** The lists valid during the making were used as basis.

(Contd. on page 5)

Safety Data Sheet

according to 1907/2006/EC, Article 31

Printing date 12.08.2013

Version number 2

Revision: 12.08.2013

Trade name: Mousemilk Penetrating Oil

(Contd. of page 4)

- **Exposure controls**
- **Personal protective equipment:**
- **General protective and hygienic measures:**
 - Keep away from foodstuffs, beverages and feed.
 - Immediately remove all soiled and contaminated clothing
 - Wash hands before breaks and at the end of work.
 - Store protective clothing separately.
 - Avoid contact with the skin.
 - Avoid contact with the eyes and skin.
- **Respiratory protection:**
 - In case of brief exposure or low pollution use respiratory filter device. In case of intensive or longer exposure use self-contained respiratory protective device.
- **Protection of hands:**



Protective gloves

The glove material has to be impermeable and resistant to the product/ the substance/ the preparation. Due to missing tests no recommendation to the glove material can be given for the product/ the preparation/ the chemical mixture.

Selection of the glove material on consideration of the penetration times, rates of diffusion and the degradation

- **Material of gloves**
 - The selection of the suitable gloves does not only depend on the material, but also on further marks of quality and varies from manufacturer to manufacturer. As the product is a preparation of several substances, the resistance of the glove material can not be calculated in advance and has therefore to be checked prior to the application.
- **Penetration time of glove material**
 - The exact break through time has to be found out by the manufacturer of the protective gloves and has to be observed.
- **Eye protection:**



Tightly sealed goggles

9 Physical and chemical properties

- **Information on basic physical and chemical properties**
- **General Information**
- **Appearance:**

Form:	Liquid
Colour:	Colorless to light amber
- **Odour:** Sweet, pungent
- **Odour threshold:** Not determined.
- **pH-value:** Not determined.
- **Change in condition**

Melting point/Melting range:	Not determined.
Boiling point/Boiling range:	111 °C

(Contd. on page 6)

Safety Data Sheet

according to 1907/2006/EC, Article 31

Printing date 12.08.2013

Version number 2

Revision: 12.08.2013

Trade name: Mousemilk Penetrating Oil

(Contd. of page 5)

- **Flash point:** > 4 °C
- **Flammability (solid, gaseous):** Not applicable.
- **Ignition temperature:** 535 °C
- **Decomposition temperature:** Not determined.
- **Self-igniting:** Product is not self-igniting.
- **Danger of explosion:** Product is not explosive. However, formation of explosive air/vapour mixtures are possible.
- **Explosion limits:**
 - Lower: 1.2 Vol %
 - Upper: 7.0 Vol %
- **Vapour pressure @ 20 °C:** 29 hPa
- **Density @ 21.1 °C:** 0.725 g/cm³ (air=1)
- **Relative density** Not determined.
- **Vapour density** Not determined.
- **Evaporation rate @ 20 °C** 1.9 g/cm³ (nBuAc=1)
- **Solubility in / Miscibility with water:** Not miscible or difficult to mix.
- **Partition coefficient (n-octanol/water):** Not determined.
- **Viscosity:**
 - Dynamic: Not determined.
 - Kinematic: Not determined.
- **Solvent content:**
 - Organic solvents: 61.9 %
- **Other information** No further relevant information available.

10 Stability and reactivity

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

11 Toxicological information

- **Information on toxicological effects**
- **Acute toxicity:**

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

108-88-3 toluene

Oral	LD50	5000 mg/kg (rat)
Dermal	LD50	12124 mg/kg (rabbit)
Inhalative	LC50/4 h	5320 mg/l (mouse)

(Contd. on page 7)

Safety Data Sheet

according to 1907/2006/EC, Article 31

Printing date 12.08.2013

Version number 2

Revision: 12.08.2013

Trade name: Mousemilk Penetrating Oil

(Contd. of page 6)

- **Primary irritant effect:**
- **on the skin:** Irritant to skin and mucous membranes.
- **on the eye:** No irritating effect.
- **Sensitization:** No sensitizing effects known.
- **Additional toxicological information:**
The product shows the following dangers according to the calculation method of the General EU Classification Guidelines for Preparations as issued in the latest version:
Harmful
Irritant
Carcinogenic.
- **CMR effects (carcinogenicity, mutagenicity and toxicity for reproduction)**
Carc. 1B, Repr. 2

12 Ecological information

- **Toxicity**
- **Aquatic toxicity:** No further relevant information available.
- **Persistence and degradability** No further relevant information available.
- **Bioaccumulative potential** No further relevant information available.
- **Mobility in soil** No further relevant information available.
- **Additional ecological information:**
- **General notes:**
Water hazard class 3 (German Regulation) (Self-assessment): extremely hazardous for water
Do not allow product to reach ground water, water course or sewage system, even in small quantities.
Danger to drinking water if even extremely small quantities leak into the ground.
- **Results of PBT and vPvB assessment**
- **PBT:** Not applicable.
- **vPvB:** Not applicable.
- **Other adverse effects** No further relevant information available.

13 Disposal considerations

- **Waste treatment methods**
- **Recommendation**
Must not be disposed together with household garbage. Do not allow product to reach sewage system.
- **Uncleaned packaging:**
- **Recommendation:** Disposal must be made according to official regulations.

14 Transport information

- **UN-Number**
 - **ADG, IATA**
 - **IMDG**
 - **UN proper shipping name**
 - **ADG**
 - **IMDG, IATA**
- | |
|--|
| UN1993 |
| UN1993 |
| Not Regulated |
| None |
| UN1993 FLAMMABLE LIQUID, N.O.S. (toluene, ISOPROPANOL (ISOPROPYL ALCOHOL)) |
| FLAMMABLE LIQUID, N.O.S. (toluene, ISOPROPANOL (ISOPROPYL ALCOHOL)) |

(Contd. on page 8)

Safety Data Sheet

according to 1907/2006/EC, Article 31

Printing date 12.08.2013

Version number 2

Revision: 12.08.2013

Trade name: Mousemilk Penetrating Oil

(Contd. of page 7)

- **Transport hazard class(es)**

- **ADG**



- **Class** 3 (F1) Flammable liquids.
- **Label** 3

- **IMDG, IATA**



- **Class** 3 Flammable liquids.
 - **Label** 3
 - **Packing group**
 - **ADG, IMDG, IATA** II
 - **Environmental hazards:**
 - **Marine pollutant:** No
 - **Special precautions for user** Warning: Flammable liquids.
 - **Danger code (Kemler):** 33
 - **EMS Number:** F-E, S-E
 - **Transport in bulk according to Annex II of MARPOL73/78 and the IBC Code** Not applicable.
 - **Transport/Additional information:**
-
- **ADG**
 - **Limited quantities (LQ)** 1L
 - **Transport category** 2
 - **Tunnel restriction code** D/E
 - **UN "Model Regulation":** UN1993, FLAMMABLE LIQUID, N.O.S. (toluene, ISOPROPANOL (ISOPROPYL ALCOHOL)), 3, II

15 Regulatory information

- **Safety, health and environmental regulations/legislation specific for the substance or mixture**

- **Australian Inventory of Chemical Substances**

All ingredients are listed.

- **Standard for the Uniform Scheduling of Drugs and Poisons**

108-88-3	toluene	S6
108-10-1	4-methylpentan-2-one	S5

- **GHS label elements**

The product is classified and labelled according to the Globally Harmonized System (GHS).

(Contd. on page 9)

Safety Data Sheet

according to 1907/2006/EC, Article 31

Printing date 12.08.2013

Version number 2

Revision: 12.08.2013

Trade name: Mousemilk Penetrating Oil

(Contd. of page 8)

· Hazard pictograms

GHS02 GHS07 GHS08

· Signal word Danger**· Hazard-determining components of labelling:**

Distillates (petroleum), hydrotreated light naphthenic toluene

· Hazard statements

H225 Highly flammable liquid and vapour.
 H315 Causes skin irritation.
 H350 May cause cancer.
 H361 Suspected of damaging fertility or the unborn child.
 H336 May cause drowsiness or dizziness.
 H373 May cause damage to organs through prolonged or repeated exposure.
 H304 May be fatal if swallowed and enters airways.

· Precautionary statements

P101 If medical advice is needed, have product container or label at hand.
 P102 Keep out of reach of children.
 P103 Read label before use.
 P210 Keep away from heat/sparks/open flames/hot surfaces. - No smoking.
 P241 Use explosion-proof electrical/ventilating/lighting/equipment.
 P301+P310 IF SWALLOWED: Immediately call a POISON CENTER or doctor/physician.
 P303+P361+P353 IF ON SKIN (or hair): Remove/Take off immediately all contaminated clothing. Rinse skin with water/shower.
 P405 Store locked up.
 P501 Dispose of contents/container in accordance with local/regional/national/international regulations.

· National regulations:**· Information about limitation of use:**

Workers are not allowed to be exposed to the hazardous carcinogenic materials contained in this preparation. Exceptions can be made by the authorities in certain cases.

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

16 Other information

This information is based on our present knowledge. However, this shall not constitute a guarantee for any specific product features and shall not establish a legally valid contractual relationship.

· Relevant phrases

H225 Highly flammable liquid and vapour.
 H304 May be fatal if swallowed and enters airways.
 H315 Causes skin irritation.
 H319 Causes serious eye irritation.
 H332 Harmful if inhaled.
 H335 May cause respiratory irritation.
 H336 May cause drowsiness or dizziness.
 H350 May cause cancer.
 H361 Suspected of damaging fertility or the unborn child.

(Contd. on page 10)

Safety Data Sheet

according to 1907/2006/EC, Article 31

Printing date 12.08.2013

Version number 2

Revision: 12.08.2013

Trade name: Mousemilk Penetrating Oil

(Contd. of page 9)

- H373 May cause damage to organs through prolonged or repeated exposure.
- R11 Highly flammable.
- R20 Harmful by inhalation.
- R36 Irritating to eyes.
- R36/37 Irritating to eyes and respiratory system.
- R38 Irritating to skin.
- R45 May cause cancer.
- R48/20 Harmful: danger of serious damage to health by prolonged exposure through inhalation.
- R63 Possible risk of harm to the unborn child.
- R65 Harmful: may cause lung damage if swallowed.
- R66 Repeated exposure may cause skin dryness or cracking.
- R67 Vapours may cause drowsiness and dizziness.

Abbreviations and acronyms:

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

IMDG: International Maritime Code for Dangerous Goods

IATA: International Air Transport Association

EINECS: European Inventory of Existing Commercial Chemical Substances

ELINCS: European List of Notified Chemical Substances

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

LC50: Lethal concentration, 50 percent

LD50: Lethal dose, 50 percent