

# Mousemilk Penetrating Oil

## Safety Data Sheet

according to the Model Work Health and Safety Regulations

Date of issue:10/08/2018 Revision date:10/08/2018 Version: 1.0

### SECTION 1: Identification : Product identifier and chemical identity

#### 1.1. Product identifier

Product form : Mixture  
Product name : Mousemilk Penetrating Oil  
Product code : WWF MPO

#### 1.2. Other means of identification

No additional information available

#### 1.3. Recommended use of the chemical and restrictions on use

Recommended use : Oil treatment  
Restrictions on use : There is no information available on applications that are not advised

#### 1.4. Supplier's details

##### Manufacturer

Worldwide Filter Inc.  
1689 Abram Court  
San Leandro, Ca. 94577 - USA  
T 1-510-483-5122  
[www.mousemilk.com](http://www.mousemilk.com)

##### Importer

Aviall Australia  
20 - 22 Lindaway Place  
Tullamarine VIC 3043 - Australia  
T +61 3 9339 3000

E-mail address of competent person responsible for the SDS: [sds@gbk-ingelheim.de](mailto:sds@gbk-ingelheim.de)

#### 1.5. Emergency phone number

Emergency number : 1-300-361-961

### SECTION 2: Hazards identification

#### 2.1. Classification of the hazardous chemical

##### Classification according to the model Work Health and Safety Regulations (WHS Regulations)

Flammable liquids, Category 2	H225
Acute toxicity (inhalation:dust,mist) Category 4	H332
Skin corrosion/irritation, Category 2	H315
Serious eye damage/eye irritation, Category 2A	H319
Carcinogenicity, Category 1B	H350
Reproductive toxicity, Category 2	H361
Specific target organ toxicity — Single exposure, Category 3, Narcosis	H336
Specific target organ toxicity — Repeated exposure, Category 2	H373
Aspiration hazard, Category 1	H304

#### 2.2. Label elements

Hazard pictograms (GHS-AU) :



GHS02

GHS07

GHS08

Signal word (GHS-AU) :

Danger

Contains :

distillate (mineral oil), with hydrogen-treated light naphthene-containing; basis oil – not specified (30 - 60 %); Toluene (30 - 60 %); propan-2-ol; isopropyl alcohol; isopropanol (< 10 %); 4-methylpentan-2-one, isobutyl methyl ketone (< 10 %)

Hazard statements (GHS-AU) :

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.  
H336 - May cause drowsiness or dizziness  
H350 - May cause cancer.  
H361 - Suspected of damaging fertility or the unborn child.  
H373 - May cause damage to organs through prolonged or repeated exposure.

Precautionary statements (GHS-AU) :

P201 - Obtain special instructions before use.  
P202 - Do not handle until all safety precautions have been read and understood.  
P210 - Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking.  
P233 - Keep container tightly closed.  
P240 - Ground/bond container and receiving equipment

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P241 - Use explosion-proof electrical/ventilating/lighting equipment.  
P242 - Use only non-sparking tools  
P243 - Take precautionary measures against static discharge  
P260 - Do not breathe vapours.  
P264 - Wash hands, forearms and face thoroughly after handling.  
P271 - Use only outdoors or in a well-ventilated area.  
P281 - Use personal protective equipment as required.  
P301+P310 - IF SWALLOWED: Immediately call a POISON CENTER/doctor  
P303+P361+P353 - IF ON SKIN (or hair): Take off immediately all contaminated clothing. Rinse skin with water/shower.  
P304+P340 - IF INHALED: Remove person to fresh air and keep comfortable for breathing.  
P305+P351+P338 - IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.  
P308+P313 - IF exposed or concerned: Get medical advice/attention.  
P312 - Call a POISON CENTER/doctor if you feel unwell.  
P314 - Get medical advice/attention if you feel unwell.  
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.  
P403+P235 - Store in a well-ventilated place. Keep cool.  
P405 - Store locked up.  
P501 - Dispose of contents/container to in accordance with local and national regulations

### 2.3. Other hazards

No additional information available

## SECTION 3: Composition/information on ingredients

Name	CAS-No.	%	Classification according to the model Work Health and Safety Regulations (WHS Regulations)
Toluene	108-88-3	30 - 60	Flam. Liq. 2, H225 Skin Irrit. 2, H315 Repr. 2, H361 STOT SE 3, H336 STOT RE 2, H373 Asp. Tox. 1, H304
distillate (mineral oil), with hydrogen-treated light naphthene-containing; basis oil – not specified	64742-53-6	30 - 60	Acute Tox. 4 (Inhalation), H332 Skin Irrit. 2, H315 Carc. 1B, H350 Repr. 2, H361
propan-2-ol; isopropyl alcohol; isopropanol	67-63-0	< 10	Flam. Liq. 2, H225 Eye Irrit. 2A, H319 STOT SE 3, H336
4-methylpentan-2-one, isobutyl methyl ketone	108-10-1	< 10	Acute Tox. 4 (Inhalation), H332 Carc. 2, H351 Flam. Liq. 2, H225 STOT SE 3, H335
Other substances (not contributing to the classification of this product)		0 - 31	

## SECTION 4: First aid measures

### 4.1. Description of first aid measures

First-aid measures general : Symptoms of poisoning may not appear for several hours. Keep under medical supervision for at least 48 hours.

First-aid measures after inhalation : Remove person to fresh air and keep comfortable for breathing. Give artificial respiration if necessary. Keep victim warm and rested. Call a poison center or a doctor if you feel unwell. In case of loss of conscience place the victim in the recovery position.

First-aid measures after skin contact : Rinse skin with water/shower. Take off immediately all contaminated clothing. If skin irritation occurs: Get medical advice/attention.

First-aid measures after eye contact : 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.

First-aid measures after ingestion : Do not induce vomiting. Call a physician immediately.

### 4.2. Symptoms caused by exposure

Symptoms/effects : May cause drowsiness or dizziness.

Symptoms/effects after skin contact : Irritation.

Symptoms/effects after eye contact : Eye irritation.

Symptoms/effects after ingestion : Risk of lung oedema.

### 4.3. Indication of any immediate medical attention and special treatment needed

Treatment : Treat symptomatically.

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### SECTION 5: Firefighting measures

#### 5.1. Extinguishing media

Suitable extinguishing media : Dry powder. Foam. Carbon dioxide. Do not use water.  
Unsuitable extinguishing media : high volume water jet.

#### 5.2. Special hazards arising from the substance or mixture

Fire hazard : Highly flammable liquid and vapour.  
General measures : Wear personal protective equipment. Get unprotected persons to safety.

#### 5.3. Special protective equipment and precautions for fire-fighters

Protection during firefighting : Do not attempt to take action without suitable protective equipment. Self-contained breathing apparatus. Complete protective clothing.  
Hazchemcode : \* 3YE

### SECTION 6: Accidental release measures

#### 6.1. Personal precautions, protective equipment and emergency procedures

General measures : Wear personal protective equipment. Get unprotected persons to safety.

##### 6.1.1. For non-emergency personnel

Emergency procedures : No open flames, no sparks, and no smoking. Only qualified personnel equipped with suitable protective equipment may intervene. Do not breathe vapours.

##### 6.1.2. For emergency responders

Protective equipment : Do not attempt to take action without suitable protective equipment. For further information refer to section 8: "Exposure controls/personal protection".

#### 6.2. Environmental precautions

Avoid release to the environment. Notify authorities if product enters sewers or public waters.

#### 6.3. Methods and material for containment and cleaning up

Methods for cleaning up : Take up liquid spill into absorbent material. Concerning disposal elimination after cleaning, see section 13. Ensure adequate air ventilation. Do not flush with water. Notify authorities if product enters sewers or public waters.

Reference to other sections (13) : Information for safe handling look up chapter 7. Information for personal protective equipment look up chapter 8. For further information refer to section 13.

### SECTION 7: Handling and storage, including how the chemical may be safely used

#### 7.1. Precautions for safe handling

Precautions for safe handling : Ensure good ventilation of the work station. Handle and open container with care. Avoid formation of aerosols. Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking. Ground/bond container and receiving equipment. Use only non-sparking tools. Take precautionary measures against static discharge. Flammable vapours may accumulate in the container. Use explosion-proof equipment. Wear personal protective equipment. Obtain special instructions before use. Do not handle until all safety precautions have been read and understood. Take all necessary technical measures to avoid or minimize the release of the product on the workplace. Limit quantities of product at the minimum necessary for handling and limit the number of exposed workers. Provide local exhaust or general room ventilation. Floors, walls and other surfaces in the hazard area must be cleaned regularly. Do not breathe vapours. Avoid contact with skin and eyes. Wear suitable respiratory equipment in case of insufficient ventilation.

Hygiene measures : Separate working clothes from town clothes. Launder separately. Wash contaminated clothing before reuse. Do not eat, drink or smoke when using this product. Always wash hands after handling the product. Wash hands before breaks and at the end of workday. Avoid contact with skin, eyes and clothing.

#### 7.2. Conditions for safe storage, including any incompatibilities

Technical measures : Ground/bond container and receiving equipment.

Storage conditions : Store in a well-ventilated place. Keep cool. Keep container tightly closed. Store locked up. Keep away from heat and direct sunlight.

### SECTION 8: Exposure controls/personal protection

#### 8.1. Control parameters - exposure standards

Toluene (108-88-3)		
Australia	Local name	Toluene
Australia	TWA (mg/m <sup>3</sup> )	191 mg/m <sup>3</sup>
Australia	TWA (ppm)	50 ppm
Australia	STEL (mg/m <sup>3</sup> )	574 mg/m <sup>3</sup>
Australia	STEL (ppm)	150 ppm

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### Toluene (108-88-3)

Australia	Remark (AU)	Sk - Absorption through the skin may be a significant source of exposure.
Australia	OEL chemical category (AU)	Skin notation
Australia	OEL chemical category (AU)	Skin notation

### propan-2-ol; isopropyl alcohol; isopropanol (67-63-0)

Australia	Local name	Isopropyl alcohol
Australia	TWA (mg/m <sup>3</sup> )	983 mg/m <sup>3</sup>
Australia	TWA (ppm)	400 ppm
Australia	STEL (mg/m <sup>3</sup> )	1230 mg/m <sup>3</sup>
Australia	STEL (ppm)	500 ppm

### 4-methylpentan-2-one, isobutyl methyl ketone (108-10-1)

Australia	Local name	Methyl isobutyl ketone
Australia	TWA (mg/m <sup>3</sup> )	205 mg/m <sup>3</sup>
Australia	TWA (ppm)	50 ppm
Australia	STEL (mg/m <sup>3</sup> )	307 mg/m <sup>3</sup>
Australia	STEL (ppm)	75 ppm

### Exposure limit values for the other components

#### 8.2. Monitoring

No additional information available

#### 8.3. Appropriate engineering controls

Appropriate engineering controls : Ensure good ventilation of the work station.

#### 8.4. Personal protective equipment

Hand protection : Protective gloves. Glove material must be impermeable and resistant against product / substance / preparation. Gloves material should comply with breakthrough times, permeation rates, and degradation. Requirements can vary as a function of the use. Therefore it is necessary to adhere additionally to the recommendations given by the manufacturer of protective gloves. Select the appropriate glove material adhering to the breakthrough time, permeation rate and the degradation. Please follow the instructions related to the permeability and the penetration time provided by the manufacturer

Type	Material	Permeation	Thickness (mm)	Penetration	Standard

Eye protection : Safety glasses

Type	Use	Characteristics	Standard

Skin and body protection : Wear suitable protective clothing

Respiratory protection : [In case of inadequate ventilation] wear respiratory protection.

Device	Filter type	Condition	Standard
Breathing apparatus with filter		Short term exposure	
Self contained breathing apparatus		Long term exposure	

Personal protective equipment symbol(s)



Environmental exposure controls : Avoid release to the environment.

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### SECTION 9: Physical and chemical properties

Physical state	: Liquid
Appearance	: No data available
Colour	: Colorless to Amber
Odour	: Sweet Pungent
Odour threshold	: Not determined Not determined
pH	: Not determined
Relative evaporation rate (butylacetate=1)	: 1.9 @ 20 °C
Melting point	: Not determined
Freezing point	: No data available
Boiling point	: 111 °C
Flash point	: < 4 °C
Auto-ignition temperature	: Not self-igniting
Decomposition temperature	: Not determined
Flammability (solid, gas)	: Not specifically applicable
Vapour pressure	: Vapour pressure : 29 hPa @ 20 °C
Relative density	: No data available
Density	: Density : 0.825 g/cm <sup>3</sup> Relative density : Not determined
Solubility	: Water: Not miscible or difficult to mix
Log Pow	: Not determined
Viscosity, kinematic	: Not determined
Viscosity, dynamic	: Not determined
Explosive properties	: Product is not explosive. May form flammable/explosive vapour-air mixture.
Explosive limits	: 1.2 - 7 vol %
Minimum ignition energy	: No data available
VOC content	: 50.2 %
Fat solubility	: No data available
Ignition temperature	: 535 °C

### SECTION 10: Stability and reactivity

Reactivity	: Highly flammable liquid and vapour.Highly flammable liquid and vapour
Chemical stability	: Stable under normal conditions. No decomposition if used as directed.
Possibility of hazardous reactions	: No dangerous reactions known under normal conditions of use.
Conditions to avoid	: Avoid contact with hot surfaces. Heat. No flames, no sparks. Eliminate all sources of ignition.
Incompatible materials	: No additional information available.
Hazardous decomposition products	: Under normal conditions of storage and use, hazardous decomposition products should not be produced.

### SECTION 11: Toxicological information

Acute toxicity	: Not classified
Acute toxicity (dermal)	: Not classified
Acute toxicity (inhalation)	: Inhalation:dust,mist: Harmful if inhaled.

ATE AU (dust,mist)	2.419 mg/l/4h
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Toluene (108-88-3)	
LD50 oral	5000 mg/kg
LC50 inhalation rat (Vapours - mg/l/4h)	12.5 mg/l/4h

Skin corrosion/irritation	: Causes skin irritation. pH: Not determined
Serious eye damage/irritation	: Causes serious eye irritation. pH: Not determined
Respiratory or skin sensitisation	: Not classified
Germ cell mutagenicity	: Not classified
Carcinogenicity	: May cause cancer.
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.
Aspiration hazard	: May be fatal if swallowed and enters airways.

### SECTION 12: Ecological information

According to the National Code of Practice for the Preparation of Material Safety Data Sheets, Environmental classification information is not mandatory. Information relevant for GHS classification is available on request

#### 12.1. Ecotoxicity

Ecology - general	: The product is not considered harmful to aquatic organisms nor to cause long-term adverse effects in the environment.
Acute aquatic toxicity	: Not classified
Chronic aquatic toxicity	: Not classified

Mousemilk Penetrating Oil	
Log Pow	Not determined
Toluene (108-88-3)	
EC50 Daphnia 1	3.78 mg/l
NOEC chronic crustacea	0.74 mg/l
propan-2-ol; isopropyl alcohol; isopropanol (67-63-0)	
Log Pow	0.05 @ 25°C(Published data)

#### 12.2. Persistence and degradability

No additional information available

#### 12.3. Bioaccumulative potential

Mousemilk Penetrating Oil	
Log Pow	See section 12.1 on ecotoxicology
propan-2-ol; isopropyl alcohol; isopropanol (67-63-0)	
Log Pow	See section 12.1 on ecotoxicology

#### 12.4. Mobility in soil

propan-2-ol; isopropyl alcohol; isopropanol (67-63-0)	
Log Pow	See section 12.1 on ecotoxicology

#### 12.5. Other adverse effects

Ozone	: Not classified
Other adverse effects	: No additional information available

Mousemilk Penetrating Oil	
Fluorinated greenhouse gases	False
Toluene (108-88-3)	
Fluorinated greenhouse gases	False
distillate (mineral oil), with hydrogen-treated light naphthene-containing; basis oil – not specified (64742-53-6)	
Fluorinated greenhouse gases	False
propan-2-ol; isopropyl alcohol; isopropanol (67-63-0)	
Fluorinated greenhouse gases	False
4-methylpentan-2-one, isobutyl methyl ketone (108-10-1)	
Fluorinated greenhouse gases	False

### SECTION 13: Disposal considerations

Waste treatment methods	: Dispose of contents/container in accordance with licensed collector's sorting instructions. Do not dispose of with domestic waste. Do not discharge into drains. Disposal must be done according to official regulations.
Product/Packaging disposal recommendations	: Disposal must be done according to official regulations.
Additional information	: Flammable vapours may accumulate in the container.




### SECTION 14: Transport information

ADG	IMDG	IATA
14.1. UN number		
1993	1993	1993

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ADG	IMDG	IATA
<b>14.2. UN proper shipping name</b>		
FLAMMABLE LIQUID, N.O.S. (Toluene Isopropanol)	FLAMMABLE LIQUID, N.O.S. (Toluene Isopropanol)	Flammable liquid, n.o.s. (Toluene Isopropanol)
<b>14.3. Transport hazard class(es)</b>		
3 3 	3 3 	3 3 
<b>14.4. Packing group</b>		
II	II	II
<b>14.5. Environmental hazards</b>		
	Marine pollutant : No	

### 14.6. Special precautions for user

Specific storage requirement : No data available

Shock sensitivity : No data available

### 14.7. Additional information

Other information : No supplementary information available

### Transport by road and rail

UN-No. (ADG) : 1993

Special provision (ADG) : 274

Limited quantities (ADG) : 11

Packing instructions (ADG) : P001, IBC02

Portable tank and bulk container instructions (ADG) : T7

Portable tank and bulk container special provisions (ADG) : TP1, TP8, TP28

### Transport by sea

UN-No. (IMDG) : 1993

Packing instructions (IMDG) : P001

EmS-No. (Fire) : F-E - FIRE SCHEDULE Echo - NON-WATER-REACTIVE FLAMMABLE LIQUIDS

EmS-No. (Spillage) : S-E - SPILLAGE SCHEDULE Echo - FLAMMABLE LIQUIDS, FLOATING ON WATER

### Air transport

UN-No. (IATA) : 1993

PCA Excepted quantities (IATA) : E2

PCA Limited quantities (IATA) : Y341

PCA limited quantity max net quantity (IATA) : 1L

PCA packing instructions (IATA) : 353

PCA max net quantity (IATA) : 5L

CAO packing instructions (IATA) : 364

CAO max net quantity (IATA) : 60L

Special provisions (IATA) : A3

ERG code (IATA) : 3H

### 14.8. Hazchem or Emergency Action Code

Hazchemcode : \* 3YE

## SECTION 15: Regulatory information

### 15.1. Safety, health and environmental regulations/legislation specific for the substance or mixture

#### Standard for the Uniform Scheduling of Medicines and Poisons (SUSMP)

Relevant Poisons Schedule number : Schedule 5

Other information on relevant regulations : All components of this mixture are listed on or exempted from AICS

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### 15.2. International agreements

No additional information available

## SECTION 16: Any other relevant information

Revision date : 10/08/2018

Classification:

Flam. Liq. 2	H225
Acute Tox. 4 (Inhalation:dust,mist)	H332
Skin Irrit. 2	H315
Eye Irrit. 2A	H319
Carc. 1B	H350
Repr. 2	H361
STOT SE 3	H336
STOT RE 2	H373
Asp. Tox. 1	H304

Full text of H-statements:

Acute Tox. 4 (Inhalation)	Acute toxicity (inhal.), Category 4
Acute Tox. 4 (Inhalation:dust,mist)	Acute toxicity (inhalation:dust,mist) Category 4
Asp. Tox. 1	Aspiration hazard, Category 1
Carc. 1B	Carcinogenicity, Category 1B
Carc. 2	Carcinogenicity, Category 2
Eye Irrit. 2A	Serious eye damage/eye irritation, Category 2A
Flam. Liq. 2	Flammable liquids, Category 2
Repr. 2	Reproductive toxicity, Category 2
Skin Irrit. 2	Skin corrosion/irritation, Category 2
STOT RE 2	Specific target organ toxicity — Repeated exposure, Category 2
STOT SE 3	Specific target organ toxicity — Single exposure, Category 3, Narcosis
STOT SE 3	Specific target organ toxicity — Single exposure, Category 3, Respiratory tract irritation
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.
H351	Suspected of causing cancer.
H361	Suspected of damaging fertility or the unborn child.
H373	May cause damage to organs through prolonged or repeated exposure.

*This information is based on our current knowledge and is intended to describe the product for the purposes of health, safety and environmental requirements only. It should not therefore be construed as guaranteeing any specific property of the product*