



MSDS SUPPLEMENT TO GHS REGULATIONS

To comply with the Hazardous Substance and New Organisms Act, this coversheet offers New Zealand specific information. This page "0", is to be considered part of the MSDS.

PRODUCT NAME & COMPANY IDENTIFICATION

Product Name	Date of Issue
AMERICA'S FINEST PENETRATING OIL	29/03/2023

Company Name:	Industrial Lubricants & Services NZ Ltd 1/15 Accent Drive East Tamaki Auckland, 2013
Emergency Contact:	<u>National Poisons Centre - NZ</u> 0800 764 766 or Chemcall 0800 243 622

Hazard Identification

As per Hazardous Substances (Hazard Classification) Notice 2020, this material is classified:

GHS 7 / REACH

Aspiration hazard Category 1

H304 May be fatal if swallowed and enters airways

According to criteria in Transport of Dangerous Goods on Land NZS 5433:2020 this product is not regulated or considered Dangerous Goods for Transport

Other Information

HSN (Tariff Code)

2710.12.59 19B

Shelf Life

5 Years

INDUSTRIAL LUBRICANTS & SERVICES

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Technical Tel: 0800 104 017

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AMERICA'S FINEST PENETRATING OIL

Issue Date: 29/03/2023



JAX America's Finest Penetrating Oil

Safety Data Sheet

according to Federal Register / Vol. 77, No. 58 / Monday, March 26, 2012 / Rules and Regulations
Issue date: 2/2/2023 Revision date: 3/29/2023 Supersedes: 2/2/2023 Version: 1.1

SECTION 1: Identification

1.1. Identification

Product form : Mixture
Product name : JAX America's Finest Penetrating Oil
Product code : 00101

1.2. Recommended use and restrictions on use

Use of the substance/mixture : Lubricant where there is no possibility of contact with food

1.3. Supplier

JAX INC.
W134N5373 Campbell Drive
Menomonee Falls, WI 53051
T (262) 781-8850
info@jax.com

1.4. Emergency telephone number

Emergency number : Infotrac : North America 1-800-535-5053 | International 1-352-323-3500

SECTION 2: Hazard(s) identification

2.1. Classification of the substance or mixture

GHS US classification

Aspiration hazard Category 1 H304 May be fatal if swallowed and enters airways
Full text of H statements : see section 16

2.2. GHS Label elements, including precautionary statements

GHS US labeling

Hazard pictograms (GHS US) :



Signal word (GHS US) : Danger
Hazard statements (GHS US) : H304 - May be fatal if swallowed and enters airways
Precautionary statements (GHS US) : P301+P310 - If swallowed: Immediately call a poison center or doctor.
P331 - Do NOT induce vomiting.
P405 - Store locked up.
P501 - Dispose of contents/container to hazardous or special waste collection point, in accordance with local, regional, national and/or international regulation.

2.3. Other hazards which do not result in classification

No additional information available

2.4. Unknown acute toxicity (GHS US)

95.5% of the mixture consists of ingredient(s) of unknown acute toxicity (Oral)
95.5% of the mixture consists of ingredient(s) of unknown acute toxicity (Dermal)
95.5% of the mixture consists of ingredient(s) of unknown acute toxicity (Inhalation (Dust/Mist))

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SECTION 3: Composition/Information on ingredients

3.1. Substances

Not applicable

3.2. Mixtures

Name	Product identifier	%
white mineral oil (petroleum)	CAS-No.: 8042-47-5	≥ 75
dipropylene glycol monomethyl ether	CAS-No.: 34590-94-8	1 – 5

Full text of hazard classes and H-statements : see section 16

SECTION 4: First-aid measures

4.1. Description of first aid measures

First-aid measures general	: Call a physician immediately.
First-aid measures after inhalation	: Remove person to fresh air and keep comfortable for breathing.
First-aid measures after skin contact	: Wash skin with plenty of water.
First-aid measures after eye contact	: Rinse eyes with water as a precaution.
First-aid measures after ingestion	: Do not induce vomiting. Call a physician immediately.

4.2. Most important symptoms and effects (acute and delayed)

Symptoms/effects after ingestion : Risk of lung edema.

4.3. Immediate medical attention and special treatment, if necessary

Treat symptomatically.

SECTION 5: Fire-fighting measures

5.1. Suitable (and unsuitable) extinguishing media

Suitable extinguishing media : Do not use a heavy water stream. Dry powder. Foam. Carbon dioxide.

5.2. Specific hazards arising from the chemical

Hazardous decomposition products in case of fire : Toxic fumes may be released.

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.

SECTION 6: Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures

6.1.1. For non-emergency personnel

Emergency procedures : Ventilate spillage area.

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".

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6.2. Environmental precautions

Avoid release to the environment.

6.3. Methods and material for containment and cleaning up

Methods for cleaning up : Take up liquid spill into absorbent material.
Other information : Dispose of materials or solid residues at an authorized site.

6.4. Reference to other sections

For further information refer to section 13.

SECTION 7: Handling and storage

7.1. Precautions for safe handling

Precautions for safe handling : Ensure good ventilation of the work station. Wear personal protective equipment.
Hygiene measures : Do not eat, drink or smoke when using this product. Always wash hands after handling the product.

7.2. Conditions for safe storage, including any incompatibilities

Storage conditions : Store locked up. Store in a well-ventilated place. Keep cool.

SECTION 8: Exposure controls/personal protection

8.1. Control parameters

JAX America's Finest Penetrating Oil

No additional information available

white mineral oil (petroleum) (8042-47-5)

USA - ACGIH - Occupational Exposure Limits

ACGIH OEL TWA 5 mg/m³ (Inhalable fraction)

dipropylene glycol monomethyl ether (34590-94-8)

USA - ACGIH - Occupational Exposure Limits

Local name Dipropylene glycol methyl ether (DPGME)

ACGIH OEL TWA [ppm] 50 ppm

Remark (ACGIH) TLV® Basis: Liver & CNS eff

Regulatory reference ACGIH 2022

USA - OSHA - Occupational Exposure Limits

Local name Dipropylene glycol methyl ether

OSHA PEL TWA [1] 600 mg/m³

OSHA PEL TWA [2] 100 ppm

Regulatory reference (US-OSHA) OSHA Annotated Table Z-1

8.2. Appropriate engineering controls

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

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Environmental exposure controls : Avoid release to the environment.

8.3. Individual protection measures/Personal protective equipment

Hand protection:
Protective gloves
Eye protection:
Safety glasses
Skin and body protection:
Wear suitable protective clothing
Respiratory protection:
In case of insufficient ventilation, wear suitable respiratory equipment

Personal protective equipment symbol(s):



SECTION 9: Physical and chemical properties

9.1. Information on basic physical and chemical properties

Physical state	: Liquid
Appearance	: Liquid.
Color	: Black
Odor	: No data available
Odor threshold	: No data available
pH	: No data available
Melting point	: Not applicable
Freezing point	: No data available
Boiling point	: No data available
Flash point	: 320 °F (160°C), ASTM D 92
Relative evaporation rate (butyl acetate=1)	: No data available
Flammability (solid, gas)	: Not applicable.
Vapor pressure	: No data available
Relative vapor density at 20°C	: No data available
Relative density	: 0.87 (typical)
Solubility	: No data available
Partition coefficient n-octanol/water (Log Pow)	: No data available
Auto-ignition temperature	: No data available
Decomposition temperature	: No data available
Viscosity, kinematic	: < 20.5 mm ² /s @40°C, ASTM D 445
Viscosity, dynamic	: No data available
Explosion limits	: No data available
Explosive properties	: No data available
Oxidizing properties	: No data available

9.2. Other information

No additional information available

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SECTION 10: Stability and reactivity

10.1. Reactivity

The product is non-reactive under normal conditions of use, storage and transport.

10.2. Chemical stability

Stable under normal conditions.

10.3. Possibility of hazardous reactions

No dangerous reactions known under normal conditions of use.

10.4. Conditions to avoid

None under recommended storage and handling conditions (see section 7).

10.5. Incompatible materials

No additional information available

10.6. Hazardous decomposition products

Under normal conditions of storage and use, hazardous decomposition products should not be produced.

SECTION 11: Toxicological information

11.1. Information on toxicological effects

Acute toxicity (oral) : Not classified
Acute toxicity (dermal) : Not classified
Acute toxicity (inhalation) : Not classified.

JAX America's Finest Penetrating Oil	
Unknown acute toxicity (GHS US)	95.5% of the mixture consists of ingredient(s) of unknown acute toxicity (Oral) 95.5% of the mixture consists of ingredient(s) of unknown acute toxicity (Dermal) 95.5% of the mixture consists of ingredient(s) of unknown acute toxicity (Inhalation (Dust/Mist))
white mineral oil (petroleum) (8042-47-5)	
LD50 oral rat	> 5000 mg/kg body weight (Equivalent or similar to OECD 401, Rat, Male / female, Read-across, Oral, 14 day(s))
LD50 dermal rabbit	> 2000 mg/kg body weight (Equivalent or similar to OECD 402, 24 h, Rabbit, Male / female, Read-across, Dermal, 14 day(s))
LC50 Inhalation - Rat	> 5 mg/l (Equivalent or similar to OECD 403, 4 h, Rat, Male / female, Read-across, Inhalation (aerosol), 14 day(s))
dipropylene glycol monomethyl ether (34590-94-8)	
LD50 oral rat	> 5000 mg/kg (Equivalent or similar to OECD 401, Rat, Male / female, Experimental value, Oral, 14 day(s))
LD50 dermal rat	> 19020 mg/kg body weight Animal: rat, Guideline: OECD Guideline 402 (Acute Dermal Toxicity)
LD50 dermal rabbit	9510 mg/kg body weight (Equivalent or similar to OECD 402, 24 h, Rabbit, Male, Experimental value, Dermal, 14 day(s))
LC50 Inhalation - Rat	> 3000 mg/m ³ Source: ECHA

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dipropylene glycol monomethyl ether (34590-94-8)	
ATE US (dermal)	9510 mg/kg body weight
ATE US (dust, mist)	1.5 mg/l/4h
Skin corrosion/irritation	: Not classified
white mineral oil (petroleum) (8042-47-5)	
pH	No data available in the literature
dipropylene glycol monomethyl ether (34590-94-8)	
pH	7 (100 %, 25 °C)
Serious eye damage/irritation	: Not classified
white mineral oil (petroleum) (8042-47-5)	
pH	No data available in the literature
dipropylene glycol monomethyl ether (34590-94-8)	
pH	7 (100 %, 25 °C)
Respiratory or skin sensitization	: Not classified
Germ cell mutagenicity	: Not classified
Carcinogenicity	: Not classified.
Reproductive toxicity	: Not classified
STOT-single exposure	: Not classified
STOT-repeated exposure	: Not classified
dipropylene glycol monomethyl ether (34590-94-8)	
NOAEL (oral, rat, 90 days)	1000 mg/kg body weight Animal: rat, Guideline: other:
Aspiration hazard	: May be fatal if swallowed and enters airways.
Viscosity, kinematic	: < 20.5 mm ² /s @40°C, ASTM D 445
white mineral oil (petroleum) (8042-47-5)	
Viscosity, kinematic	3 – 20.5 mm ² /s (40 °C, ISO 3104: Determination of kinematic viscosity and calculation of dynamic viscosity, Niet experimenteel bepaald; afgeleid van de indeling)
dipropylene glycol monomethyl ether (34590-94-8)	
Viscosity, kinematic	4.55 mm ² /s (20 °C, OECD 114: Viscosity of Liquids)
Symptoms/effects after ingestion	: Risk of lung edema.

SECTION 12: Ecological information

12.1. Toxicity

Ecology - general : The product is not considered harmful to aquatic organisms or to cause long-term adverse effects in the environment.

white mineral oil (petroleum) (8042-47-5)	
LC50 - Fish [1]	> 100 mg/l (OECD 203: Fish, Acute Toxicity Test, 96 h, Oncorhynchus mykiss, Static system, Fresh water, Experimental value, Nominal concentration)

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dipropylene glycol monomethyl ether (34590-94-8)

LC50 - Fish [1]	> 1000 mg/l (OECD 203: Fish, Acute Toxicity Test, 96 h, Poecilia reticulata, Static system, Fresh water, Experimental value, GLP)
EC50 - Other aquatic organisms [1]	1930 mg/l Test organisms (species): other aquatic crustacea:
EC50 72h - Algae [1]	> 969 mg/l Test organisms (species): Pseudokirchneriella subcapitata (previous names: Raphidocelis subcapitata, Selenastrum capricornutum)
EC50 96h - Algae [1]	> 969 mg/l Source: ECHA
ErC50 algae	> 969 mg/l (OECD 201: Alga, Growth Inhibition Test, 72 h, Pseudokirchneriella subcapitata, Static system, Fresh water, Experimental value, GLP)
LOEC (chronic)	0.5 mg/l Test organisms (species): Daphnia magna Duration: '22 d'
NOEC (chronic)	≥ 0.5 mg/l Test organisms (species): Daphnia magna Duration: '22 d'

12.2. Persistence and degradability

white mineral oil (petroleum) (8042-47-5)

Persistence and degradability Not readily biodegradable in water.

dipropylene glycol monomethyl ether (34590-94-8)

Persistence and degradability Readily biodegradable in water.

Biochemical oxygen demand (BOD) 0 g O₂/g substance

ThOD 2.06 g O₂/g substance

12.3. Bioaccumulative potential

white mineral oil (petroleum) (8042-47-5)

BCF - Other aquatic organisms [1] 1216 l/kg (BCFBAF v3.01, Estimated value, Fresh weight)

Partition coefficient n-octanol/water (Log Pow) 5.18 (Experimental value)

Bioaccumulative potential Potential for bioaccumulation (500 ≤ BCF ≤ 5000).

dipropylene glycol monomethyl ether (34590-94-8)

Partition coefficient n-octanol/water (Log Pow) 0.004 (Experimental value, OECD 107: Partition Coefficient (n-octanol/water): Shake Flask Method, 25 °C)

Bioaccumulative potential Low potential for bioaccumulation (Log Kow < 4).

12.4. Mobility in soil

white mineral oil (petroleum) (8042-47-5)

Surface tension No data available in the literature, Data waiving

Organic Carbon Normalized Adsorption Coefficient (Log Koc) 2.64 (log Koc, SRC PCKOCWIN v2.0, Calculated value)

Ecology - soil Low potential for adsorption in soil.

dipropylene glycol monomethyl ether (34590-94-8)

Surface tension 68.7 mN/m (20 °C, 1 g/l, OECD 115: Surface Tension of Aqueous Solutions)

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dipropylene glycol monomethyl ether (34590-94-8)	
Organic Carbon Normalized Adsorption Coefficient (Log Koc)	1 (log Koc, SRC PCKOCWIN v2.0, Calculated value)
Ecology - soil	Highly mobile in soil. Not toxic to plants.

12.5. Other adverse effects

No additional information available

SECTION 13: Disposal considerations

13.1. Disposal methods

Waste treatment methods : Dispose of contents/container in accordance with licensed collector's sorting instructions.

SECTION 14: Transport information

In accordance with DOT / TDG / IMDG / IATA

	DOT	TDG	IMDG	IATA
14.1. UN number	Not applicable	Not applicable	Not applicable	Not applicable
14.2. Proper Shipping Name	Not applicable	Not applicable	Not applicable	Not applicable
14.3. Transport hazard class(es)	Not applicable	Not applicable	Not applicable	Not applicable
14.4. Packing group	Not applicable	Not applicable	Not applicable	Not applicable
14.5. Environmental hazards	Not applicable	Not applicable	Not applicable	Not applicable

No supplementary information available

14.6. Special precautions for user

DOT

No data available

TDG

Excepted quantities (TDG) : E1
Emergency Response Guide (ERG) Number : 171

IMDG

No data available

IATA

No data available

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14.7. Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code

Not applicable

SECTION 15: Regulatory information

15.1. US Federal regulations

All components of this product are present and listed as Active on the United States Environmental Protection Agency Toxic Substances Control Act (TSCA) inventory

This product or mixture is not known to contain a toxic chemical or chemicals in excess of the applicable de minimis concentration as specified in 40 CFR §372.38(a) subject to the reporting requirements of section 313 of Title III of the Superfund Amendments and Reauthorization Act of 1986 and 40 CFR Part 372.

15.2. International regulations

CANADA

white mineral oil (petroleum) (8042-47-5)

Listed on the Canadian DSL (Domestic Substances List)

dipropylene glycol monomethyl ether (34590-94-8)

Listed on the Canadian DSL (Domestic Substances List)

EU-Regulations

No additional information available

National regulations

white mineral oil (petroleum) (8042-47-5)

Listed on INSQ (Mexican National Inventory of Chemical Substances)

dipropylene glycol monomethyl ether (34590-94-8)

Listed on INSQ (Mexican National Inventory of Chemical Substances)

15.3. US State regulations

California Proposition 65 - This product does not contain any substances known to the state of California to cause cancer, developmental and/or reproductive harm

Component	State or local regulations
dipropylene glycol monomethyl ether(34590-94-8)	U.S. - Idaho - Non-Carcinogenic Toxic Air Pollutants - Acceptable Ambient Concentrations; U.S. - Massachusetts - Right To Know List; U.S. - New Jersey - Right to Know Hazardous Substance List; U.S. - New York City - Right to Know Hazardous Substances List; U.S. - Pennsylvania - RTK (Right to Know) List

SECTION 16: Other information

according to Federal Register / Vol. 77, No. 58 / Monday, March 26, 2012 / Rules and Regulations

Revision date

: 3/29/2023

3/29/2023 (Revision date)

3/29/2023 (Printing date)

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Full text of H-phrases

H304	May be fatal if swallowed and enters airways
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Safety Data Sheet (SDS), USA

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