



Safety Data Sheet

According to OSHA HCS 2012 (29 CFR 1910.1200)

1. IDENTIFICATION OF THE MATERIAL AND SUPPLIER

Product Name: PJ1 Pro Fork Fluid – Cartridge Oil

Other name(s): None

Product Numbers: 10-32-KS

Supplier: PJH BRANDS
Address: 16573 N. 92nd St., Suite C140, Scottsdale, AZ 85260

Telephone Number: (480) 991-8002
Facsimile: (480) 607-1550

Transportation Emergency Response: CHEMTREC Emergency Response Hotline
(703) 527-3887
SHIPPER: PJH BRANDS, Contract #CCN17400

2. HAZARDS IDENTIFICATION

Classification of the substance or mixture
GHS Classification and labeling according to JISZ 7252-2009 and JIS Z 7253-2012 (GHS 2011)

Classification: Aspiration hazard, Category 1

Label Elements

Symbol(s)



Signal Word

Danger

Hazard Statement(s)
Precautionary Statements

H304: May be fatal if swallowed and enters airways.
Response:
P301 + P310: IF SWALLOWED: Immediately call a POISON CENTER or doctor/physician.
P331: Do NOT induce vomiting.
Storage:
P405: Store locked up.
Disposal:
P501: Dispose of contents/ container to an approved waste disposal plant.

3. COMPOSITION/INFORMATION ON INGREDIENTS

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COMPONENTS	CAS NUMBER	AMOUNT
1-Decene, homopolymer, hydrogenated	68037-01-4	90 – 100%

Synonyms: Polyalphaolefin, PAO

4. FIRST AID MEASURES

General advice	Move out of dangerous area. Show this material safety data sheet to the doctor in attendance. Do not leave the victim unattended. Material may produce a serious, potentially fatal pneumonia if swallowed or vomited.
If inhaled	Move to fresh air. If unconscious place in recovery position and seek medical advice. If symptoms persist, call a physician. If on skin, rinse well with water. If on clothes, remove clothes. If skin irritation persists, call a physician.
In case of skin contact	Flush eyes with water as a precaution. Remove contact lenses. Protect unharmed eye. Keep eye wide open while rinsing. If eye irritation persists, consult a specialist.
In case of eye contact	Keep respiratory tract clear. Do NOT induce vomiting. If symptoms persist, call a physician.
If swallowed	

5. FIRE FIGHTING MEASURES

Flash Point	219 °C (426 °F) Method: Cleveland Open Cup
Auto Ignition Temperature	343 °C (649 °F)
Unsuitable Extinguishing Media	High volume water jet.
Extinguishing Media	Use water fog, foam, dry chemical or carbon dioxide (CO ₂) to extinguish flames.
Fire Fighting Instructions	This material will burn although it is not easily ignited. For fires involving this material, do not enter any enclosed or confined fire space without proper protective equipment, including self-contained breathing apparatus. Standard procedure for chemical fires. Use extinguishing measures that are appropriate to local circumstances and the surrounding environment.
Combustion Products	Highly dependent on combustion conditions. A complex mixture of airborne solids, liquids, and gases including carbon monoxide, carbon dioxide, and unidentified organic compounds will be evolved when this material undergoes combustion.

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6. ACCIDENTAL RELEASE MEASURES

Personal Precautions	Use personal protective equipment. Ensure adequate ventilation.
Environmental Precautions	Prevent product from entering drains. Prevent further leakage or spillage if safe to do so. If the product contaminates rivers and lakes or drains inform respective authorities.
Methods for cleaning up	Soak up with inert absorbent material (e.g. sand, silica gel, acid binder, universal binder, sawdust). Keep in suitable, closed containers for disposal.
Spill Management	Stop the source of the release if you can do it without risk. Contain release to prevent further contamination of soil, surface water or groundwater. Clean up spill as soon as possible, observing precautions in Exposure Controls/Personal Protection. Use appropriate techniques such as applying non-combustible absorbent materials or pumping. Where feasible and appropriate, remove contaminated soil. Place contaminated materials in disposable containers and dispose of in a manner consistent with applicable regulations.
Reporting	Report spills to local authorities and/or the U.S. Coast Guard's National Response Center at (800) 424-8802 as appropriate or required.

7. HANDLING AND STORAGE

HANDLING

Advice on safe handling	Do not breathe vapors/dust. For personal protection see section 8. Smoking, eating and drinking should be prohibited in the application area. Dispose of rinse water in accordance with local and national regulations.
Advice on Protection Against Fire and Explosion	Normal measures for preventive fire protection.

STORAGE

Requirements for Storage Areas and Containers	Keep container tightly closed in a dry and well-ventilated place. Observe label precautions. Electrical installations / working materials must comply with the technological safety standards.
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8. EXPOSURE CONTROLS/PERSONAL PROTECTION

Contains no substances with occupational exposure limit values

Engineering measures

Consider the potential hazards of this material (see Section 2), applicable exposure limits, job activities, and other substances in the work place when designing engineering controls and selecting personal protective equipment. If engineering controls or

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work practices are not adequate to prevent exposure to harmful levels of this material, the personal protective equipment listed below is recommended. The user should read and understand all instructions and limitations supplied with the equipment since protection is usually provided for a limited time or under certain circumstances.

PERSON PROTECTIVE EQUIPMENT

Respiratory Protection

Wear a supplied-air NIOSH approved respirator unless ventilation or other engineering controls are adequate to maintain minimal oxygen content of 19.5% by volume under normal atmospheric pressure. Wear a NIOSH approved respirator that provides protection when working with this material if exposure to harmful levels of airborne material may occur, such as: Full-Face Supplied-Air Respirator. Use a positive pressure, air-supplying respirator if there is potential for uncontrolled release, exposure levels are not known, or other circumstances where air-purifying respirators may not provide adequate protection.

Hand Protection

The suitability for a specific workplace should be discussed with the producers of the protective gloves. Please observe the instructions regarding permeability and breakthrough time which are provided by the supplier of the gloves. Also take into consideration the specific local conditions under which the product is used, such as the danger of cuts, abrasion, and the contact time. Gloves should be discarded and replaced if there is any indication of degradation or chemical breakthrough.

Eye Protection

Eye wash bottle with pure water. Tightly fitting safety goggles.

Skin and Body Protection

Choose body protection in relation to its type, to the concentration and amount of dangerous substances, and to the specific work-place. Wear as appropriate: Protective suit. Safety shoes.

Hygiene Measures

When using do not eat or drink. When using do not smoke. Wash hands before breaks and at the end of workday.

9. PHYSICAL AND CHEMICAL PROPERTIES

Attention: the data below are typical values and do not constitute a specification.

Physical State:	Liquid
Color:	LIGHT RED
Odor:	Odorless
Odor Threshold:	No data available
Solubility:	Soluble in hydrocarbon solvents; insoluble in water.
Specific Gravity, 60°/60°F, 15.6°/15.6°C:	0.82
Relative Vapor Density (air=1):	>1
Vapor Pressure (20 °C):	<0.01 mmHg @ 37.8 °C (100 °F)
Autoignition Temperature (°C):	No data available
Boiling Point/Range (°C):	No data available

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pH:	Not Applicable	
Pour Point, °C, °F:	-68 (-91)	
FLAMMABLE PROPERTIES:		
Flammability (solid, gas):	No Data Available	
Flashpoint (COC), °C, °F:	226 (438)	
Autoignition:	343 °C (649 °F)	
Flammability (Explosive)		
Limits (% by volume in air):	Lower: Not Applicable	Upper: Not Applicable

10. STABILITY AND REACTIVITY

Reactivity:	May react with strong acids or strong oxidizing agents, such as chlorates, nitrates, peroxides, etc.
Chemical Stability:	This material is considered stable under normal ambient and anticipated storage and handling conditions of temperature and pressure.
Incompatibility With Other Materials:	Not applicable
Hazardous Decomposition Products:	None known (None expected)
Hazardous Polymerization:	Hazardous polymerization will not occur.

11. TOXICOLOGICAL INFORMATION

Acute oral toxicity	LD50: > 5,000 mg/kg Species: rat
Acute inhalation toxicity	LC50: > 5.2 mg/l Exposure time: 4 h Species: rat Sex: male and female Test atmosphere: dust/mist
Acute dermal toxicity	LD50: > 2,000 mg/kg Species: rat
Skin irritation	No skin irritation
Eye irritation	No eye irritation

SENSITIZATION

1-Decene, homopolymer, hydrogenated	Classification: Did not cause sensitization on laboratory animals.
Aspiration toxicity	May be fatal if swallowed and enters airways. Substances known to cause human aspiration toxicity hazards or to be regarded

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as if they cause human aspiration toxicity hazard.

CMR EFFECTS

1-Decene, homopolymer, hydrogenated

Carcinogenicity: Not classifiable as a human carcinogen. Mutagenicity: Animal testing did not show any mutagenic effects.
Teratogenicity: Did not show teratogenic effects in animal experiments.
Reproductive toxicity: No toxicity to reproduction

Further information

Solvents may degrease the skin.

12. ECOLOGICAL INFORMATION

Ecotoxicity effects

Toxicity to fish

LC50: > 1,000 mg/l
Exposure time: 96 h
Species: *Salmo gairdneri* (Rainbow trout)

LC50: > 750 mg/l
Exposure time: 96 h
Species: *Pimephales promelas* (fathead minnow)

Toxicity to daphnia and other aquatic invertebrates

EC50: 190 mg/l
Exposure time: 48 h
Species: *Daphnia magna* (Water flea)

Toxicity to algae

1-Decene, homopolymer, hydrogenated

NOELR: 1,000 mg/l
Exposure time: 72 h
Species: *Scenedesmus capricornutum* (fresh water algae) static test Method: OECD Test Guideline 201

Bioaccumulation

1-Decene, homopolymer, hydrogenated

This material is not expected to bioaccumulate.

Biodegradability

1-Decene, homopolymer, hydrogenated Ecotoxicology Assessment

Expected to be inherently biodegradable.

Results of PBT assessment

Non-classified PBT substance, Non-classified vPvB substance

1-Decene, homopolymer, hydrogenated

Additional ecological information

No data available

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13. DISPOSAL CONSIDERATIONS

Use material for its intended purpose or recycle if possible. Oil collection services are available for used oil recycling or disposal. Place contaminated materials in containers and dispose of in a manner consistent with applicable regulations. Contact your sales representative or local environmental or health authorities for approved disposal or recycling methods.

14. TRANSPORTATION INFORMATION

The shipping descriptions shown here are for bulk shipments only, and may not apply to shipments in non-bulk packages (see regulatory definition).

Consult the appropriate domestic or international mode-specific and quantity-specific Dangerous Goods Regulations for additional shipping description requirements (e.g., technical name or names, etc.) Therefore, the information shown here, may not always agree with the bill of lading shipping description for the material. Flashpoints for the material may vary slightly between the MSDS and the bill of lading.

US DOT (UNITED STATES DEPARTMENT OF TRANSPORTATION)

NOT REGULATED AS A HAZARDOUS MATERIAL OR DANGEROUS GOODS FOR TRANSPORTATION BY THIS AGENCY.

IMO / IMDG (INTERNATIONAL MARITIME DANGEROUS GOODS)

NOT REGULATED AS A HAZARDOUS MATERIAL OR DANGEROUS GOODS FOR TRANSPORTATION BY THIS AGENCY.

IATA (INTERNATIONAL AIR TRANSPORT ASSOCIATION)

NOT REGULATED AS A HAZARDOUS MATERIAL OR DANGEROUS GOODS FOR TRANSPORTATION BY THIS AGENCY.

ADR (AGREEMENT ON DANGEROUS GOODS BY ROAD (EUROPE))

NOT REGULATED AS A HAZARDOUS MATERIAL OR DANGEROUS GOODS FOR TRANSPORTATION BY THIS AGENCY.

15. REGULATORY INFORMATION

NATIONAL LEGISLATION

Poisonous and Deleterious Substances

Control Law:

Not relevant

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INDUSTRIAL SAFETY AND HEALTH LAW

Substances Subject to be Notified Names: Not relevant

Hazardous Substances Subject to Labeling Requirements: Not relevant

Ordinance on Prevention of Organic Solvent Poisoning: Not relevant

CHEMICAL SUBSTANCE CONTROL LAW Not relevant

ACT ON CONFIRMATION, ETC. OF RELEASE AMOUNTS OF SPECIFIC CHEMICAL SUBSTANCES IN THE ENVIRONMENT AND PROMOTION OF IMPROVEMENTS TO THE MANAGEMENT THEREOF Not relevant

16. OTHER INFORMATION

NFPA RATINGS: Health: 0 Flammability: 1 Reactivity: 0

HMIS RATINGS: Health: 0 Flammability: 1 Reactivity: 0

(0-Least, 1-Slight, 2-Moderate, 3-High, 4-Extreme, PPE:- Personal Protection Equipment Index recommendation, *- Chronic Effect Indicator). These values are obtained using the guidelines or published evaluations prepared by the National Fire Protection Association (NFPA) or the National Paint and Coating Association (for HMIS ratings).

TLV - Threshold Limit Value

STEL - Short-term Exposure Limit

GHS - Globally Harmonized System

ACGIH - American Conference of Governmental Industrial Hygienists

API - American Petroleum Institute

HMIS - Hazardous Materials Information System

DOT - Department of Transportation (USA)

IARC - International Agency for Research on Cancer

NCEL - New Chemical Exposure Limit

SCBA - Self-Contained Breathing Apparatus

TWA - Time Weighted Average

PEL - Permissible Exposure Limit

CAS - Chemical Abstract Service Number

IMO/IMDG - International Maritime Dangerous Goods Code

SDS - Safety Data Sheet

NFPA - National Fire Protection Association (USA)

NTP - National Toxicology Program (USA)

OSHA - Occupational Safety and Health Administration

EPA - Environmental Protection Agency

The information in this Safety Data Sheet pertains only to the product as shipped.

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.