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Conforms to HazCom 2012/United States

SAFETY DATA SHEET

SECTION 1: IDENTIFICATION

PRODUCT IDENTIFIER(S)/ TRADEMARK(S) USED ON THE LABEL: CF-2 Park Tool Cutting Fluid

OTHER MEANS OF IDENTIFICATION: Product Code – 10385

CAS NO: Mixture.

SYNONYMS: None.

NSF H-1 REGISTRATION NUMBER:

RECOMMENDED USE OF THE CHEMICAL AND RESTRICTIONS ON USE

RECOMMENDED USE: Metalworking Lubricant Oil, (Biodegradable)

DETAILS OF THE SUPPLIER OF THE SAFETY DATA SHEET

SUPPLIER AND MANUFACTURE: Park Tool Company
 5115 Hadley Ave. N.
 St. Paul, MN 55128

EMERGENCY PHONE: 800-424-9300 (24HR)

CHEMTREC PHONE: 800-424-9300 (24HR)

SECTION 2: HAZARDS IDENTIFICATION

This material is not hazardous according to regulatory guidelines (See SDS Section 15)

OTHER HAZARD INFORMATION

HAZARD NOT OTHERWISE CLASSIFIED (HNOC): None as identified under 29 CFR 1900.1200.

PHYSICAL / CHEMICAL HAZARDS: No significant hazards.

HEALTH HAZARDS: This material has no known hazards when used as directed.

ENVIRONMENTAL HAZARDS: No significant hazards.

NFPA HAZARD ID: Health: 0 Flammability: 1 Reactivity: 0

HMIS HAZARD: Health: 0 Flammability: 1 Reactivity: 0

NOTE: This material should not be used for any other purpose than the intended use in Section 1 without expert advice. Health studies have shown that chemical exposure may cause potential human health risks which may vary from person to person.

SECTION 3: COMPOSITION/INFORMATION ON INGREDIENTS

No Hazardous Substance(s) or Complex Substance(s) required for disclosure. As per paragraph (i) of 29 CFR 1910.1200, formulation is considered a trade secret and specific chemical identity and exact percentage (concentration) of composition may have been withheld. Specific chemical identity and exact percentage composition will be provided to health professionals, employees, or designated representatives in accordance with applicable provisions of paragraph (i).

SECTION 4: FIRST AID MEASURES

EYE CONTACT: Flush eye with water for 15 minutes. If symptoms persist, call a physician.

SKIN CONTACT: Wash off immediately with soap and plenty of water. Remove and wash contaminated clothing before re-use. If skin irritation persists, call a physician.

INHALATION: Move to fresh air. If breathing is difficult, give oxygen. If not breathing, give artificial respiration. If symptoms persist, call a physician.

INGESTION: Do not induce vomiting. If conscious, drink plenty of water. Obtain medical attention.

MOST IMPORTANT SYMPTOMS/EFFECTS (ACUTE AND DELAYED)

SYMPTOMS: No information available.

INDICATION OF IMMEDIATE MEDICAL ATTENTION AND SPECIAL TREATMENT NEEDED

NOTES TO PHYSICIAN: Treat symptomatically.

SECTION 5: FIRE-FIGHTING MEASURES

SUITABLE EXTINGUISHING MEDIA: Use dry chemical, CO₂, water spray or "alcohol" foam.
Unsuitable extinguishing media: Do not use a solid water stream as it may scatter and spread fire.

FIRE FIGHTING INSTRUCTIONS: Evacuate area. Prevent runoff from fire control or dilution from entering streams, sewers, or drinking water supply. Use water spray to cool fire exposed surfaces and to protect personnel.

HAZARDOUS COMBUSTION PRODUCTS: Incomplete combustion products, smoke, fume, oxides of carbon.

SPECIFIC HAZARDS ARISING FROM THE CHEMICAL: FLASH POINT (COC) 250 °C, In the event of fire, cool tanks and protect personnel with water spray.

EXPLOSION DATA:

Sensitivity to Mechanical Impact	None.
Sensitivity to Static Discharge	None.

SPECIAL PROTECTIVE EQUIPMENT FOR FIRE-FIGHTERS: Firefighters should use standard protective equipment and in enclosed spaces, self-contained breathing apparatus.

SECTION 6: ACCIDENTAL RELEASE MEASURES

PERSONAL PRECAUTIONS, PROTECTIVE EQUIPMENT, AND EMERGENCY PROCEDURES

PERSONAL PRECAUTIONS: Use personal protective equipment.

ENVIRONMENTAL PRECAUTIONS: Prevent product from entering drains. Do not contaminate surface water.

METHODS AND MATERIALS FOR CONTAINMENT AND CLEANING UP

METHODS FOR CONTAINMENT: Prevent further leakage or spillage if safe to do so.

METHODS FOR CLEANING UP: Absorb spill with inert material (e.g. dry sand or earth), then transfer non-combustible material in approved containers.

SECTION 7: HANDLING AND STORAGE

PRECAUTIONS FOR SAFE HANDLING

HANDLING: Handle in accordance with good industrial hygiene and safety practice. Keep containers closed when not in use. Wash thoroughly after handling.

CONDITIONS FOR SAFE STORAGE, INCLUDING ANY INCOMPATIBILITIES

STORAGE CONDITIONS: Keep containers tightly closed and store in a cool well-ventilated place free of contaminants. Empty containers may retain product properties. Follow all MSDS / Label warnings after container is emptied. No special storage precautions required.

SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION

CONTROL PARAMETERS

EXPOSURE GUIDELINES

COMPONENTS	ACGIH TLV	OSHA (TWA mg/m ³)	IDLH
Oil mist	5 mg/m ³	5 mg/m ³	---

APPROPRIATE ENGINEERING CONTROLS

ENGINEERING MEASURES TO REDUCE EXPOSURE: Use only in area provided with appropriate exhaust ventilation.

INDIVIDUAL PROTECTION MEASURES, SUCH AS PERSONAL PROTECTIVE EQUIPMENT

RESPIRATORY PROTECTION: No personal respiratory protective equipment normally required. In case of insufficient ventilation wear suitable respiratory equipment.

HAND PROTECTION: Nitrile rubber Neoprene gloves

EYE PROTECTION: Safety glasses

SKIN AND BODY PROTECTION: Impervious clothing

GENERAL HYGIENE CONSIDERATIONS: Avoid contact with skin, eyes, and clothing.

SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

INFORMATION ON BASIC PHYSICAL AND CHEMICAL PROPERTIES

SPECIFIC GRAVITY (H₂O = 1): 0.89 @ 15.6 °C

FLASH POINT (COC): 482 °F (250 °C)

KINEMATIC VISCOSITY: 42 to 46 cSt @ 40 °C

POUR POINT: 0 °F (-18 °C)

EXPLOSIVE PROPERTIES: Material does not have explosive properties.

OXIDIZING PROPERTIES: See Section 2.

VOLATILE ORGANIC COMPOUND (VOC): Components contain no VOC according to CARB.

PHYSICAL STATE: Liquid.

APPEARANCE: Oil

ODOR: Mild

COLOR: Light yellow liquid.

ODOR THRESHOLD: Not determined.

MELTING: POINT/FREEING POINT: Not determined.

BOILING POINT/ BOILING RANGE: Not determined.

FLAMMABILITY (SOLID, GAS): Not determined.

FLAMMABILITY LIMIT IN AIR: Not determined.

EVAPORATION RATE: (n-Butyl Acetate = 1) Approx. < 1

SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES (CONTINUED)

PERCENT VOLATILE:	Not determined.
BOILING POINT:	Not determined.
VAPOR DENSITY (AIR = 1):	< 1
VAPOR PRESSURE:	Not determined.
SOLUBILITY IN WATER:	Insoluble.
UPPER FLAMMABILITY LIMIT:	Not determined.
LOWER FLAMMABILITY LIMIT:	Not determined.
PARTITION COEFFICIENT:	Not determined.
AUTOIGNITION TEMPERATURE:	Not determined.
DECOMPOSITION TEMPERATURE:	Not determined.
OTHER INFORMATION:	The above data are typical values and do not constitute an exact specification.

SECTION 10: STABILITY AND REACTIVITY

REACTIVITY:	Not applicable.
CHEMICAL STABILITY:	Stable under normal conditions.

POSSIBILITY OF HAZARDOUS REACTIONS

POSSIBILITY OF HAZARDOUS REACTIONS:	None under normal processing.
HAZARDOUS POLYMERIZATION:	Hazardous polymerization does not occur.
CONDITIONS TO AVOID:	No special storage conditions required.
HAZARDOUS DECOMPOSITION PRODUCTS:	None under normal processing.
INCOMPATIBLE MATERIALS:	Oxidizing agents.

SECTION 11: TOXICOLOGICAL INFORMATION

INFORMATION ON LIKELY ROUTES OF EXPOSURE

PRODUCT INFORMATION:	Product does not present an acute toxicity hazard based on known or supplied information.
EYE CONTACT:	Contact with eyes may cause irritation. May cause mild, short-lasting discomfort to eyes based on assessment of the components.
SKIN CONTACT:	Acute Toxicity: Minimally Toxic, based on assessment of the components. Substance does not generally irritate and is only mildly irritating to the skin with prolonged exposure.
INHALATION:	Acute Toxicity: Minimally Toxic, based on assessment of the components. Irritation: Negligible hazard at ambient/normal handling temperatures.
INGESTION:	Acute Toxicity: Minimally Toxic, based on assessment of the components and structurally similar materials.
ASPIRATION:	Not expected to be an aspiration hazard, based on physical and chemical properties of the material.
RESPIRATORY SENSITIZATION:	Not expected to be a respiratory sensitizer, based on assessment of the components and structurally similar materials.
GERM CELL MUTAGENICITY:	Not expected to be a germ cell mutagen, based on assessment of the components and structurally similar materials.
CARCINOGENICITY:	Not expected to cause cancer, based on assessment of the components and structurally similar materials. This product does not contain any carcinogens or potential carcinogens as listed by OSHA, IARC, or NTP.
REPRODUCTIVE TOXICITY:	Not expected to be a reproductive toxicant, based on assessment of the components.
LACTATION:	Not expected to cause harm to breast-fed children.
SPECIFIC TARGET ORGAN TOXICITY (STOT):	Single Exposure: Not expected to cause organ damage from a single exposure. Repeated Exposure: Not expected to cause organ damage from prolonged or repeated exposure.

SECTION 11: TOXICOLOGICAL INFORMATION (CONTINUED)

OTHER INFORMATION

PRODUCT INFORMATION: Product does not present an acute toxicity hazard based on known or supplied information. Not expected to cause significant health effects under conditions of normal use, based on laboratory studies with the same or similar materials. Not mutagenic or genotoxic. Not sensitizing in test animals and humans.

SECTION 12: ECOLOGICAL INFORMATION

ECOTOXICITY: None known hazards to the aquatic environment.

BIODEGRADATION: Based on previous biodegradability studies, the products provide Ultimate Biodegradation Pw 1 > 60 % within 28 days in ASTM D-5864 Aerobic Aquatic Biodegradation of Lubricants.

AQUATIC/ECOTOXICITY: Based on previous studies, LC50/EC50 is greater than 1,000 ppm

BIOACCUMULATION: No potential to bioconcentrate.

SOIL MOBILITY: Not established.

PERSISTENCE AND DEGRADABILITY: Readily biodegradable (> 60 % ; % after 28 days).

WATER MOBILITY: The product is insoluble and floats on water.
WGK: 1

SECTION 13: DISPOSAL CONSIDERATIONS

WASTE TREATMENT METHODS

DISPOSAL OF WASTES: Disposal should be in accordance with applicable regional, national and local laws and regulations.

CONTAMINATED PACKAGING: Do not reuse container.

SECTION 14: TRANSPORT INFORMATION

UN NUMBER		ADR/RID:	Not regulated.
ICAO:	Not regulated.	IMDG:	Not regulated.
UN PROPER SHIPPING NAME		ADR/RID:	Not regulated.
ICAO:	Not regulated.	IMDG:	Not regulated. Marine Pollutant: NO
TRANSPORT HAZARD CLASS(ES)		ADR/RID:	Not regulated.
ICAO:	Not regulated.	IMDG:	Not regulated.
PACKING GROUP	ADR/RID:		Not regulated.
AIR	IATA:		Not regulated.
LAND:	TDG:		Not regulated.
	DOT:		Not regulated.

SECTION 15: REGULATORY INFORMATION

INTERNATIONAL INVENTORIES:

TSCA: Listed in TSCA.
TSCA - United States Toxic Substances Control Act Section 8(b) Inventory

GLOBAL CHEMICAL INVENTORIES:

USA: All components of this material are on the US TSCA Inventory or are exempt.
EU: All components are in compliance with the EC Seventh amendment Directive 92 /32/EEC.
JAPAN: All components are in compliance with the Chemical Substances Control Law of Japan.
AUSTRALIA: All components are in compliance with chemical notification requirements in Australia.
CANADA: All components are in compliance with the Canadian Environmental Protection Act and are Canadian DSL/NDSL.
SWITZERLAND: All components are in compliance with the Environmentally Hazardous Substances Ordinance in Switzerland.
CHINA: All components of this product are listed on the Inventory of Existing Chemical Substances in China
KOREA: All components are in compliance in Korea.
PHILLIPPINES: All components are in compliance with the Philippines Toxic Substances and Hazardous and Nuclear Wastes Control Act of 1990 (R.A. 6969).
TSCA: All ingredients in this product are listed or exempt from listing on the TSCA Chemical inventory.
CEPA: All ingredients in this product are listed or exempt from listing on the Canadian DSL/NDSL.
PROPOSITION 65: This product contains no chemicals known to the state of California to cause cancer, birth defects of other reproductive harm.

FEDERAL REGULATIONS

SARA 313: Section 313 of Title III of the Superfund Amendments and Reauthorization Act of 1986 (SARA). This product does not contain any chemicals which are subject to the reporting requirements of the Act and Title 40 of the Code of Federal Regulations, Part 372.

SARA 311/312 HAZARD CATEGORIES:

Acute Health Hazard	No
Chronic Health Hazard	No
Fire Hazard	No
Sudden release of pressure hazard	No
Reactive Hazard	No

CWA (CLEAN WATER ACT): This product does not contain any substances regulated as pollutants pursuant to the Clean Water Act (40 CFR 122.21 and 40 CFR 122.42).

CERCLA: This material, as supplied, does not contain any substances regulated as hazardous substances under the Comprehensive Environmental Response Compensation and Liability Act (CERCLA) (40 CFR 302) or the Superfund Amendments and Reauthorization Act (SARA) (40 CFR 355). There may be specific reporting requirements at the local, regional, or state level pertaining to releases of this material.

STATE REGULATIONS (RTK)

CALIFORNIA PROP. 65 This product does not contain any Proposition 65 chemicals.
U.S. STATE RIGHT-TO-KNOW REGULATIONS: This product does not contain greater than 1.0% of any chemical substance on the SARA Extremely Hazardous Substances list.
U.S. EPA LABEL INFORMATION: EPA Pesticide Registration Number Not applicable.

SECTION 16: OTHER INFORMATION

Read and follow all label directions and precautions before using the product.

NFPA:

Health: 0

Flammability: 1

Instability: 0

SECTION 16: OTHER INFORMATION (CONTINUED)

HMIS HEALTH RATING:

Health: 0

Flammability: 1

Physical hazards: 0

Personal Protection: B

HISTORY

DATE ISSUE (MM/DD/YYYY): 05/15/2015

REVISED SECTION(S): New

KEY TO ABBREVIATIONS:

ATE = Acute Toxicity Estimate

BCF = Bio-concentration Factor

GHS = Globally Harmonized System of Classification and Labelling of Chemicals

IATA = International Air Transport Association

IBC = Intermediate Bulk Container

IMDG = International Maritime Dangerous Code

LogPow = logarithm of the octanol/water partition coefficient

MARPOL 73/78 = International Convention for the Prevention of Pollution from Ships, 1973 as modified by the Protocol of 1978. ("Marpol" = marine pollution)

UN = United Nations

NOTICE TO THE READER:

To the best of our knowledge, the information contained herein is accurate. However, neither the above-named supplier, nor any of its subsidiaries, assumes any liability whatsoever for the accuracy or completeness of the information contained herein.

Final determination of suitability of any material is the sole responsibility of the user. All materials may present unknown hazards and should be used with caution. Although certain hazards are described herein, we cannot guarantee that these are the only hazards that exist.