

Materials Safety Data Sheet.

Traxx CFHF - Effective Feb 2019.1

1. IDENTIFICATION OF THE SUBSTANCE/PREPARATION AND OF THE COMPANY/UNDERTAKING

Name of product	Traxx CFHF 68 (ISO 32, 68)
Manufacturer/distributor	Traxx Construction Products Unit 4/1 Rocklea Drive, Port Melbourne, Victoria 3207 Phone: 03 9646 9200
Advice	Technical Department Phone: 03 9646 9200
Recommended intended purpose(s)	For use in mobile and stationary hydraulic vane, piston and gear pumps.
CAS NO:	Mixture
SYNONYMS:	None
GENERIC/CHEMICAL NAME:	Mixture
PRODUCT TYPE:	Hydraulic oil (Biodegradable)
PREPARATION/REVISION DATE:	07/02/2014
TRANSPORTATION EMERGENCY PH:	+613 9646 9200
NFPA CODE:	HEALTH: 0 FIRE:1 REACTIVITY :1
HMIS CODE:	HEALTH: 0 FIRE:1 REACTIVITY :1

2. HAZARDS DATA

Threshold Limit Value: Contains vegetable oil base stock. OSHA PEL of 5 mg per cubic meter. ACGIH STEL of 10 mg per cubic meter for mineral oil mists.

Effects of Overexposure: May cause eye and skin irritation. Low order of toxicity.

3. COMPOSITION/INFORMATION ON INGREDIENTS

This material does not contain any chemical listed as a carcinogen or potential carcinogen by OSHA, IARC Monographs or National Toxicology Program.

This material has no known hazards when used as directed.

All components of this material are on the U.S. T.S.C.A. Inventory or are exempt.

4. FIRST AID MEASURES

Oral: DO NOT INDUCE VOMITING. If conscious, give 2 glasses of water. Get immediate medical attention.

Eye: Flush with water at least 15 minutes. Get medical attention if eye irritation develops or persists.

Skin: Wash with soap and water. Remove contaminated clothing. Get medical attention if irritation develops. Launder contaminated clothing before reuse.

Inhalation additional: Remove exposed person to fresh air if adverse effects are observed. If breathing is labored, administer oxygen. If breathing has stopped, apply artificial respiration. If irritation persists, get medical attention.

Note to physician: Treat symptomatically.

5. FIRE-FIGHTING MEASURES

ISO: 32 68

Flash Point (COC): 232 248

Upper Flammable Limit: Not Determined.

Lower Flammable Limit: Not Determined.

Extinguishing Media: CO₂, dry chemical, alcohol foam. Water can be used to cool and protect exposed material.

Special Fire-fighting Procedures: Recommend wearing self-contained breathing apparatus. Water may cause splattering. Material will float on water.

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6. ACCIDENTAL RELEASE MEASURES

Steps to be taken in case material is spilled or released:

Prevent entry into sewers and waterways. Pick up free liquid for recycle/disposal. Absorb small amounts on inert material for disposal.

Waste Disposal Method: This material is non-hazardous for disposal under RCRA.

Disposal should be in compliance with federal, state and local laws.

7. HANDLING AND STORAGE

Handling Procedures: Keep containers closed when not in use. Wash thoroughly after handling.

Storage Procedures: Store in a cool and well ventilated place. Empty containers may retain product properties. Follow all MSDS / Label warnings after container is emptied. No special storage precautions required.

Storage Temperature: Ambient

Storage Pressure: Atmospheric

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

Ventilation Procedures: Use local exhaust ventilation to control mists or vapors. Additional ventilation or exhaust may be required to maintain air concentrations below recommended exposure limits.

Gloves Protection: Use nitrile or neoprene gloves.

Eye Protection: Chemical goggles or face-shield.

Respiratory Protection: Under normal use conditions, respirator is not usually required. UNIOSH/MSHA approved disposable dust/mist mask if the recommended exposure limit is exceeded. Use self-contained breathing apparatus for entry into confined space, for other poorly ventilated areas and for large spill clean-up sites.

Clothing recommendation: Long sleeve shirt is recommended. Wear a chemically protective apron when contact with material may occur. Launder contaminated clothing before reuse.

9. PHYSICAL AND CHEMICAL PROPERTIES

EVAPORATION RATE

(n-Butyl Acetate=1) Approx. 0.0

PERCENT VOLATILE: 0

BOILING POINT: Not Determined <1

VAPOR PRESSURE: <1

VAPOR DENSITY (Air=1): <1

SPECIFIC GRAVITY (H₂O=1): .88

SOLUBILITY IN WATER: Insoluble

APPEARANCE AND ODOR: Yellow Liquid mild odor

10. STABILITY AND REACTIVITY

Stability: Material is normally stable at moderately elevated temperatures and pressures.

Incompatibility: Oxidizing agent.

Polymerization: Will not occur.

Thermal Decomposition: Smoke, carbon monoxide, aldehydes and other products of incomplete combustion.

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11. TOXOLOGICAL INFORMATION

Carcinogenicity: IARC Not Listed. OSHA Not Regulated. NTP Not Listed. No Component of this product at levels greater than 0.1 % is identified as a carcinogen by ACGIH, the International Agency for Research on Cancer (IARC) or the European Commission (EC).

Reproductive Toxicity: This product contains no chemicals known to cause cancer, birth defects or other reproductive harm. This material does not contain any chemical listed as a carcinogen or potential carcinogen by OSHA, IARC Monographs or National Toxicology Program.

Health warnings:

Inhalation: Oil mist can irritate airways and lungs.
Skin Contact: Prolonged or repeated contact may lead to irritated skin.
Eye Contact: Irritating to eyes.
Ingestion: Could cause Stomach ache or vomiting
Route of entry: Inhalation. Skin and/or eye contact. Ingestion.

12. ECOLOGICAL INFORMATION

NE=Not Established

Biodegradation. This product shows Ultimate Biodegradation Pw1 >60% within 28 days in ASTM D-5864 Aerobic Aquatic Biodegradation of Lubricants.

Aquatic Toxicity: LC50 is greater than 1000 ppm.

Bioaccumulation: Not Established.

Soil Mobility: Not Determined.

WGK: Not Established.

13. DISPOSAL CONSIDERATIONS

Recycle if possible. Do not reuse containers. Dispose of in accordance with all Federal, State, and Local regulations regarding pollution and waste disposal. Product as supplied contains no listed hazardous waste. It also does not meet the definition for an unspecified corrosive or ignitable waste.

14. TRANSPORT INFORMATION!

Road Transport (ADR)

UN NO. Road: N/A

DOT Classification: Not regulated by DOT

ADR class: Not dangerous according to ADR. SEA TRANSPORT (IMDG):

Sea transport notes: Not regulated per IMDG. AIR TRANSPORT (IATA/ICAO):

Air transport notes: Not regulated per IATA.

15. REGULATORY INFORMATION!

Hazard Labeling:

Label for supply: EM No label required NL No label required

Risk phrases: Not classified in the Annex I of Directive 67/548/EEC. No R-phrases required

Safety phrases: Not classified.

No safety phrases given.

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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.
Philippines:	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.
Proposition65:	This product contains no chemicals know to the state of California to cause cancer, birth defects of other reproductive harm.
SARA313:	This product contains no toxic chemicals subject to the requirements of section 313 of the Emergency Planning and Community Right-To-Know Act of 1986 (40CFR372)
STATE RIGHT-TO-KNOW:	No listing for the following: CA Prop 65,FL, MA, MI, MN, NJ, PA, RI.
CERCLA RQ's:	NONE
CALIFORNIA EPA:	AIR RESOURCES BOARD:
COMPLIANT:	"FINAL REGULATION ORDER, REGULATION FOR REDUCING EMISSIONS FROM CONSUMER PRODUCTS"
VOC Regulations:	This product complies with the consumer product VOC limits of CARB, the US EPA and states adopting the OTC VOC rules.

FEDERAL REGULATIONS:

SEC. 302 / 304 REPORTABLE QUANTITY OF EXTREMELY HAZARDOUS SUBSTANCE: NONE
SEC. 302 THRESHOLD PLANNING QUANTITY OF EXTREMELY HAZARDOUS SUBSTANCE: NONE
SEC. 311 / 312 HAZARD CATEGORIES: NONE

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16. OTHER INFORMATION!

NA= Not Available or Not Applicable

NE= Not Established

MSDS Issue Date: February 2019

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

KEEP OUT OF THE REACH OF CHILDREN.

Information given in this Material Safety Data Sheet does not constitute the user's own workplace risk assessment.

This MSDS summarises our best knowledge of the health and safety hazard information of the product and how to safely handle and use the product in the workplace. Each user should read this MSDS and consider the information in the context of how the product will be handled and used in the workplace including in conjunction with other products.

If clarification or further information is needed to ensure that an appropriate risk assessment can be made, the user should contact this company.

Our responsibility for products sold is subject to our standard terms and conditions, a copy of which is sent to our customers and is also available on request.

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