1. CHEMICAL PRODUCT AND COMPANY IDENTIFICATION

PRODUCT NAME: **Rotrex SX100 Supercharger Traction Fluid**

Manufacturer: FINDETT CORPORATION, 8 Governor Drive, St. Charles, MO 63301 (636-723-0240)

Chemical Family: Synthetic hydrocarbon plus performance additives

FOR CHEMICAL EMERGENCY, SPILL LEAK, FIRE EXPOSURE, OR ACCIDENT Call CHEMTREC – Day or Night – 1-800-424-9300. Toll free in the continental U.S., Hawaii, Puerto Rico, Canada, Alaska, or Virgin Islands. For calls originating elsewhere: 703-527-3887 (collect calls accepted).

2. COMPOSITION/INFORMATION ON INGREDIENTS

This traction fluid is a synthetic hydrocarbon based formulation. The specific chemical identities of some components are trade secrets of FINDETT CORPORATION. All components of this lubricant are TSCA listed.

3. HAZARDS IDENTIFICATION

This product contains, as components, the substances listed below which are identified as hazardous chemicals under the criteria of the OSHA Hazard Communication Standard (29 CFR 1910.1200):

Component	CAS No	% wt	OSHA	ACGH
Diphenylamine	122-39-4	0.1-0.5	N/E	N/E
Alkylphoshite	Confidential	0.1-0.5	N/E	N/E

N/E: Data not yet established

4. FIRST AID MEASURES

FIRST AID: IN CASE OF CONTACT, immediately flush the area with plenty of water for at least 15 minutes. Remove contaminated clothing. Wash clothing before reuse. Get medical attention if irritation persists. Wash clothing before reuse.

5. FIRE FIGHTING MEASURES

Flash Point: 327°F Method: Cleveland Open Cup

Extinguishing Media: Water spray, foam, dry chemical, carbon dioxide or any Class B extinguishing agent.

Special Fire Fighting Procedures: Fire fighters and others who may be exposed to products of combustion should wear full protective clothing including self-contained breathing apparatus. Fire fighting equipment should be thoroughly decontaminated after use.

Unusual Fire and Explosion Hazards: None

6. ACCIDENTAL RELEASE MEASURES

IN CASE OF: SPILL or LEAK, Absorb spill with dry sand or earth, then place in a chemical waste container for disposal.

7. HANDLING AND STORAGE

Avoid contact with eyes, skin and clothing.

Wash thoroughly after handling.

Emptied container retains vapor and product residue. Observe all labeled safeguards until container is cleaned, reconditioned or destroyed.

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

Eye Protection: SX100 does not cause significant eye irritation or eye toxicity requiring special protection. Use good industrial practice to avoid eye contact.

Skin Protection: Wear appropriate protective clothing and chemical resistant gloves to prevent skin contact. Consult glove manufacturer to determine appropriate type glove for given application. Wear face shield and chemical resistant clothing such as a rubber apron when splashing is likely. Wash contaminated skin promptly. Launder contaminated clothing and clean protective equipment before reuse. Wash thoroughly after handling.

Respiratory Protection: Avoid breathing vapor or mist. Use NIOSH/MSHA approved respiratory protection equipment (full face piece recommended) when airborne exposure is excessive. Consult respirator manufacturer to determine appropriate type equipment for given application. Observe respirator use limitations specified by NIOSH/MSHA or the manufacturer. Respiratory protection programs must comply with 29 CFR § 1910.134.

Ventilation: Provide natural or mechanical ventilation to control exposure levels below airborne exposure limits (see below). If practical, use local mechanical exhaust ventilation at sources of air contamination such as open process equipment.

Airborne Exposure Limits:

OSHA PEL: None Established

ACGIH TLV: None Established

9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance:	Clear to slightly hazy yellow liquid
Boiling Point @ 760 mm Hg:	590°F (310°C)
Specific Gravity @ 25/25°C:	0.91
Viscosity @ 25°C:	25 centistokes
Solubility in Water:	Very low

NOTE: These physical data are typical values based on material tested but may vary from sample to sample. Typical values should not be construed as a guaranteed analysis of any specific lot or as specification items.

10. STABILITY AND REACTIVITY

Stability: SX100 is stable under ordinary handling and storage conditions.

Materials to Avoid: Exposure to highly oxidizing material should be avoided.

Hazardous Decomposition Products: No uniquely hazardous decomposition products are expected. If the product is burned, carbon monoxide (CO), carbon dioxide (CO2), oxides of phosphorus, low molecular weight hydrocarbons, soot and smoke can be produced.

Hazardous Polymerization: Will not occur

11. TOXICOLOGICAL INFORMATION

The following information summarizes human experience and results of scientific investigations reviewed by health professionals for hazard evaluation of traction fluid and development of Precautionary Statements and Occupational Control Procedures recommended in this document.

Effects of Exposure

Skin contact and inhalation are expected to be the primary routes of occupational exposure to SX100. Occupational exposure to this material has not been reported to cause significant adverse health effects.

Toxicological Data

Findett has not conducted toxicity studies with SX100. However, the following single exposure data were developed on a similar formulation of synthetic traction lubricant and are considered representative of SX100.

Single exposure (acute) studies indicate:

Oral - Practically Nontoxic (Rat LD50 >15,800 mg/kg)

Dermal - Practically Nontoxic (Rabbit LD50 >7,940 mg/kg)

Eye Irritation - Slightly Irritating (Rabbit, 4.2/110.0)

Skin Irritation -Nonirritating (Rabbit, 24-hr exposure, 0.0/8.0)

Inhalation - Rats were exposed to a stream of air that passed through the formulation of synthetic lubricant and led directly into the experimental chamber. Due to its low volatility, there was essentially no vaporization of the test material and the animals survived both the 6-hr exposure and subsequent 10-day observation periods without observable effects.

Components

Data from laboratory studies and from the available literature on the components of traction fluid:

Repeated exposure of humans to traction fluid in controlled skin contact studies produced skin irritation and allergic skin reaction in only one person.

In a repeat dosing study (4-week), rats fed traction fluid exhibited clinical signs of toxicity with reduced body weight and food consumption at a dosage that produced some deaths. In a repeat dosing study for a longer time period (90-day), reduced mean body weights, reduced feed efficiency, some animal deaths, and changes in clinical parameters and some organ weights were noted in rats. Microscopic changes were reported for a number of tissues, including liver and pancreas, at the higher dose levels. No treatment-related effects were noted in rats following repeated inhalation (4-week). Following repeated skin exposure (4-week), skin irritation was the primary effect observed in rabbits. No birth defects were noted in rats given traction fluid orally during pregnancy. Traction fluid produced no genetic changes in standard tests using animal cells.

12. ECOLOGICAL INFORMATION

Environmental Toxicity Information:

Findett has not conducted environmental toxicity studies with SX100 Traction Fluid. However, data from tests performed with the components of SX100 are summarized below:

Oral LD50 Mallard duck: >4,640 mg/kg, Practically Nontoxic

Oral LD50 Bobwhite quail: >4,640 mg/kg, Practically Nontoxic

96-hr LC50 Fathead minnow: > Water solubility

Traction fluid had a primary degradation rate of 12% to 30% in a 24-hour semi-continuous activated sludge (SCAS) test. Biodegradability is thus classified as slow to resistant.

13. DISPOSAL CONSIDERATIONS

This material when discarded is not a hazardous waste as defined by the Resource, Conservation and Recovery Act (RCRA), 40 CFR 261. Dispose of in accordance with all federal, state and local environmental regulations. Recommended method of disposal is by high temperature incineration in a RCRA approved TSDF. If there are any questions regarding the disposal of this material, please consult the Environmental, Health & Safety Department of Findett Corporation at 636-946-2355.

14. TRANSPORT INFORMATION

DOT Proper Shipping Name: This product is not classified as hazardous by the U. S. Department of Transportation.

DOT Hazard Class/I.D. No./Packing Group: Not Applicable

DOT Label(s): Not Applicable

U.S. Surface Freight Classification: Lubricating Oil Other Than Petroleum

Reportable Quantity (RQ) Under U.S. EPA CERCLA Regulations: Not Applicable

15. REGULATORY INFORMATION

SARA Hazard Notification

Hazard Categories Under Criteria of SARA Title III Rules (40 CFR Part 370): Immediate

Section 313 Toxic Chemical(s): Not Applicable

Hazardous Chemical(s) Under OSHA Hazard Communication Standard:

This product contains no components, which are identified as hazardous chemicals under the criteria of the OSHA Hazard Communication Standard (29 CFR 1910.1200).

16. OTHER INFORMATION

NOTICE: Although the information and recommendations set forth herein (hereinafter “Information”) are presented in good faith and believed to be correct as of the date hereof, Findett Corporation makes no representations as to the completeness or accuracy thereof. Information is supplied upon the conditions that the persons receiving same will make their own determinations as to its suitability for their purposes prior to use. In no event will Findett Corporation be responsible for damages of any nature whatsoever resulting from the use of or reliance upon information. NO REPRESENTATIONS OR WARRANTIES, EITHER EXPRESSED OR IMPLIED, OR MERCHANTABILITY, FITNESS FOR A PARTICULAR PURPOSE OR OF ANY OTHER NATURE ARE MADE HEREUNDER WITH RESPECT TO INFORMATION OR THE PRODUCT TO WHICH INFORMATION REFERS.