



The X-1R Corporation

Safety Data Sheet

SECTION 1: PRODUCT AND COMPANY IDENTIFICATION

PRODUCT NAME: X-1R Multi-vehicle Premium CVT Fluid Treatment

MANUFACTURER: The X-1R Corporation
ADDRESS: 375 Fentress Blvd. Daytona Beach, FL 32114

PRODUCT INFORMATION: 1-386-271-7000
EMERGENCY PHONE: 1-800-424-9300 (Inside U.S.)
1-703-527-3887 (Outside U.S.)
FAX: 1-386-271-7001

CHEMICAL NAME: Mixture
CHEMICAL FAMILY: Synthetic Lubricant
CHEMICAL FORMULA: Proprietary

PRODUCT USE: CVT Fluid Treatment is used as a lubricant.

SECTION 2: HAZARDS IDENTIFICATION

According to Regulation 2012 OSHA Hazard Communication Standard; 29 CFR Part 1910.1200

OSHA/HCS Status: This material is not considered hazardous by the OSHA Hazard Communication Standard (29 CFR 1910.1200)

GHS label elements:

Pictogram: No pictogram
Signal Word: No signal word
Hazard statements: No known significant effects or critical hazards.

Precautionary statements:

Prevention: Not applicable.
Response: Not applicable.
Storage: Store in well-ventilated place.
Disposal: Dispose of contents and container in accordance with all local, regional, national and international regulations

Hazards not otherwise classified: None known

According to Regulation 1994 OSHA Hazard Communication Standard; 29 CFR Part 1910.1200

EMERGENCY OVERVIEW: Amber liquid, with petroleum odor. Avoid contact with eyes and excessive contact with skin (See Section 3 below). Avoid contact with strong oxidizing and reducing agents. Protect against decomposition products of oxides of carbon.

HMIS RATING: **HEALTH:** 1 **FLAMMABILITY:** 1 **REACTIVITY:** 0

ROUTES OF ENTRY: Skin contact; Inhalation.

POTENTIAL HEALTH EFFECTS:

EYES: No known significant effects or critical hazards.

SKIN: No known significant effects or critical hazards.

INGESTION: No known significant effects or critical hazards.

INHALATION: No known significant effects or critical hazards.

ACUTE HEALTH HAZARDS: None Known.

CHRONIC HEALTH HAZARDS: It contains no known carcinogens or mutagens as defined by OSHA or IARC.

MEDICAL CONDITIONS GENERALLY AGGRAVATED BY EXPOSURE: None Known.

SECTION 3: COMPOSITION/INFORMATION ON INGREDIENTS

Substance/Mixture: Mixture

<u>INGREDIENT</u>	<u>CAS NO.</u>	<u>Wt%</u>
Mineral Oil	Mixture	10 - 30
Organic Ester	Trade Secret	45 - 75
Methacrylate Copolymer	Trade Secret	5 - 15
Long-chain alkyl amine, alkyl phosphoric acid salt	Trade Secret	0.5 - 2.5

Any concentration shown as a range is to protect confidentiality or is due to batch variation. There are no additional ingredients present which, within the current knowledge of the supplier and in the concentrations applicable, are classified as hazardous to health or the environment and hence require reporting in this section

SECTION 4: FIRST AID MEASURES

EYES: Flush with plenty of water for at least 15 minutes. Seek medical attention.

SKIN: Flush with soap and water. Remove contaminated clothing and laundry.

INGESTION: Do not induce vomiting. Seek Medical Attention.

INHALATION: Remove to fresh air and seek medical attention.

NOTES TO PHYSICIANS OR FIRST AID PROVIDERS: Treat as any exposure to any oil based material (See Section 3 for observable signs/symptoms).

SECTION 5: FIRE FIGHTING MEASURES

FLAMMABLE PROPERTIES: **Flash Point:** 130 °C Min. (Typical: > 160 °C)
Burn Rate: Unknown

FLAMMABLE LIMITS: Lower Flammable Limit: Not Established.
Upper Flammable Limit: Not Established.

FLAMMABILITY CLASSIFICATION: Not flammable.

AUTOIGNITION TEMPERATURE: Not established

HAZARDOUS COMBUSTION PRODUCTS: Oxides of Carbon, Phosphorus.

EXTINGUISHING MEDIA: Carbon dioxide (CO₂); Foam; Dry Chemical, Earth or Sand.

ADDITIONAL CONSIDERATIONS: None.

SPECIAL FIRE FIGHTING INSTRUCTIONS: Contain liquid, cover with extinguishing agent; use water spray to cool fire exposed containers and as protective screen. Do not point solid water stream directly into burning fluid to avoid spreading.

NFPA RATING: **HEALTH:** 1 **FLAMMABILITY:** 1 **REACTIVITY:** 0

SECTION 6: ACCIDENTAL RELEASE MEASURES

Contain spill, absorb with inert absorbents such as dry clay, sand, or diatomaceous earth, commercial absorbents, or recover using pumps. Scoop up used absorbents into appropriate receptacles.

Dispose in approved, secure landfill site or through a licensed waste reclaimer.

SECTION 7: HANDLING AND STORAGE

HANDLING: Wash thoroughly after handling. Do not get in eyes or on clothing.

STORAGE: Keep container closed. Keep away from sparks and open flame.

INCOMPATIBLE MATERIALS: Strong oxidizers.

VENTILATION: Use with adequate ventilation. Use good engineering practices to establish ventilation.

SPECIAL PACKAGING MATERIALS: Not applicable

SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION

ENGINEERING CONTROLS: Use with adequate ventilation.

EYE / FACE PROTECTION: None normally required, Chemical goggles if splashing is likely or high-pressure systems are used.

SKIN PROTECTION: Use neoprene, oil-resistant hand gloves.

RESPIRATORY PROTECTION: None normally required. If mist is generated, wear approved organic vapor respirator suitable for oil mist areas with sufficient oxygen.

EXPOSURE LIMITS:

Mineral Oil:

PEL (OSHA): 5 mg/m³, 8 hr TWA (Inhalable fraction)

TLV (ACGIH): 5 mg/m³, 8 hr TWA

SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

APPEARANCE:	Amber liquid
ODOR:	Petroleum odor
PHYSICAL STATE:	Liquid
pH:	Not Applicable
BOILING POINT:	Not Available

FLASH POINT:	130 °C Min. (Typical: >160 °C)
POUR POINT:	Not Available
VAPOR PRESSURE:	Not Available
EVAPORATION RATE:	Not Available
SPECIFIC GRAVITY (H₂O = 1):	0.917
DENSITY (lbs/gallon)	7.65
SOLUBILITY IN WATER:	Negligible

SECTION 10: STABILITY AND REACTIVITY

CHEMICAL STABILITY: Stable under normal ambient and anticipated storage and handling conditions

CONDITIONS TO AVOID: Open flames.

INCOMPATIBILITY (MATERIAL TO AVOID): Strong oxidizing and reducing agents.

HAZARDOUS DECOMPOSITION OR BY-PRODUCTS: Under normal conditions of storage and use, hazardous decomposition products should not be produced.

HAZARDOUS POLYMERIZATION: Will not occur.

SECTION 11: TOXICOLOGICAL INFORMATION

EYE EFFECTS: Non-irritating to the eyes. Based on test data for this or similar products. Avoid breathing vapors/mists

SKIN EFFECTS: No data available.

INGESTION EFFECTS: No data available.

INHALATION EFFECTS: No data available.

CHRONIC EFFECTS/CARCINOGENICITY: It contains no known carcinogens or mutagens as defined by OSHA or IARC.

EPIDEMIOLOGY: No data available.

TERATOLOGY: No data available.

REPRODUCTIVE EFFECTS: No data available.

NEUROTOXICITY: No data available.

MUTAGENICITY: No data available.

INFORMATION (ANIMAL DATA) ON INDIVIDUAL COMPONENTS:

Mineral Oil:

Inhalation 4 hour LC50 (Vapor): > 5000 mg/m³ in rats
Dermal LD50: > 5,000 mg/kg in rabbits
Oral LD50: > 5,000 mg/kg in rats

Organic Ester:

Oral LD50: > 5,000 mg/kg in rats

Long-chain alkyl amine, alkyl phosphoric acid salt:

Dermal LD50: > 2,000 mg/kg in rats
Oral LD50: >2,000 mg/kg in rats

SECTION 12: ECOLOGICAL INFORMATION

Toxicity: No data is available on this product

Aquatic toxicity: No further relevant information available

Persistence and degradability: No further relevant information available

Bioaccumulative potential: No further relevant information available

Mobility in soil: No further relevant information available

General notes: Generally not hazardous for water

Results of PBT and vPvB assessment:

PBT: Not applicable

vPvB: Not applicable

Other adverse effects: No further relevant information available

Information on components:

Aquatic Toxicity: No data available.

SECTION 13: DISPOSAL CONSIDERATIONS

All disposals must comply with federal, state and local regulations.

SECTION 14: TRANSPORT INFORMATION

DOT

Proper Shipping Name:	Not regulated
Hazard Class:	None
I.D. No. (UN/NA):	N/A
Packing Group:	N/A
DOT Label(s):	None

IMO/ IMDG

Proper Shipping Name:	Not regulated
Hazard Class:	None
I.D. No. (UN/NA):	N/A
Packing Group:	N/A
IMO/ IMDG Label(s):	None

IATA/ ICAO

Proper Shipping Name:	Not regulated
Hazard Class:	None
I.D. No. (UN/NA):	N/A
Packing Group:	N/A
IATA/ ICAO Label(s):	None

SECTION 15: REGULATORY INFORMATION

U.S. FEDERAL REGULATIONS:

TSCA: All components appear/exempt in TSCA Inventory

CERCLA SARA HAZARD CATEGORY:

SECTION 311 AND 312: This product has been reviewed according to the EPA "Hazard Categories" promulgated under Sections 311 and 312 of the Superfund Amendment and Reauthorization Act of 1986 (SARA Title III) and is considered, under applicable definitions, to meet the following categories: Delayed (Chronic) Health Hazard

SECTION 313: This product contains following substances 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.: None

Reportable Quantities (RQ): Phenol: 1000 lbs. (454 kg) Ethylene glycol: 5000 lbs. (2270 kg)
Ethyl acrylate: 1000 lbs. (454 kg)

State regulations:

No specific listing can be found on the following state right to know lists: New York, New Jersey, Pennsylvania, Massachusetts.

California Prop. 65: This product contains the following ingredients for which the State of California has found to cause cancer, birth defects or other reproductive harm, which would require a warning under the statute: Ethylene glycol; 2-Propenoic acid, ethyl ester

Additional information available upon request.

INTERNATIONAL REGULATIONS:

Canadian WHMIS: Additional information available upon request.

Canadian Environmental Protection Act (CEPA): Additional information available upon request.

EU Regulations: Additional information available upon request.

SECTION 16: OTHER INFORMATION

The information is furnished without warranty, expressed or implied, except that it is accurate to the best knowledge of The X-1R Corporation. The Data on this sheet related only to the specific material designed herein. The X-1R Corporation assumes no legal responsibility for the use or reliance on this data.

Date of Issue: February 09, 2018
Date of Previous Issue: N/A
SDS No: X1RCFT180209

End of SDS