



Material Safety Data Sheet

Section 1: Product & Company Identification

Product Name: Trans-X® Premium ATF

Product Number (s): 402132

Manufactured By:

CRC Industries, Inc.
885 Louis Drive
Warminster, PA 18974
www.crcindustries.com

General Information	(215) 674-4300
Technical Assistance	(800) 521-3168
Customer Service	(800) 272-4620
24-Hr Emergency (CHEMTREC)	(800) 424-9300

Section 2: Hazards Identification

Emergency Overview

Appearance & Odor: Reddish liquid, slight odor

As defined by OSHA's Hazard Communication Standard, this product is hazardous.

Potential Health Effects:

EYE: No acute effects expected. Direct contact with liquid may cause mild irritation.

SKIN: No acute effects expected. Prolonged or repeated contact may remove skin oils, possibly leading to irritation and dermatitis.

INHALATION: No acute effects expected. Vapor inhalation under ambient conditions is normally not a problem. If product is misted or if vapors are generated from heating, overexposure may cause irritation or mucous membranes and the upper respiratory tract.

INGESTION: Material has a low order of acute oral toxicity. Swallowing may cause gastrointestinal discomfort.

CHRONIC EFFECTS: None known

TARGET ORGANS: Skin and eyes

Medical Conditions Aggravated by Exposure:

Skin disorders

See Section 11 for toxicology and carcinogenicity information on product ingredients.

Section 3: Composition/Information on Ingredients

COMPONENT	CAS NUMBER	% by Wt.
Solvent-refined light paraffinic distillate	64741-89-5	35 - 50
Hydrotreated heavy paraffinic distillate	64742-54-7	35 - 50
Additive blend	Proprietary	15 - 25

Section 4: First Aid Measures

Eye Contact: Immediately flush with plenty of water for 15 minutes. Call a physician if irritation persists.

Skin Contact: Remove contaminated clothing and wash affected area with soap and water. Call a physician if irritation persists. Wash contaminated clothing prior to re-use. If product is injected into or under the skin, or into any part of the body, immediately seek medical attention.

Inhalation: None normally required. However, if overcome by vapor from hot product, immediately remove person to fresh air. Keep person calm. If not breathing, give artificial respiration. If breathing is difficult give oxygen. Call a physician.

Ingestion: Induction of vomiting not advised. Obtain emergency medical attention.

Note to Physicians: Treat symptomatically.

Section 5: Fire-Fighting Measures

Flammable Properties: As defined by OSHA, this product is non flammable.

Flash Point:	> 300°F (COC)	Upper Explosive Limit:	7.0
Autoignition Temperature:	ND	Lower Explosive Limit:	0.9

Suitable Extinguishing Media: Foam, water spray (fog), dry chemical, carbon dioxide, and vaporizing liquid

Products of Combustion: Fumes, smoke, carbon monoxide, and other asphyxiants

Protection of Fire-Fighters: Firefighters should wear self-contained, NIOSH-approved breathing apparatus for protection against suffocation and possible toxic decomposition products. Proper eye and skin protection should be provided. Use water spray to keep fire-exposed containers cool and to knock down vapors which may result from product decomposition.

Section 6: Accidental Release Measures

Personal Precautions: Use personal protection recommended in Section 8.

Environmental Precautions: Take precautions to prevent contamination of ground and surface waters. Do not flush into sewers or storm drains.

Methods for Containment & Clean-up: Dike area to contain spill. Ventilate the area with fresh air. If in confined space or limited air circulation area, clean-up workers should wear appropriate respiratory protection. Recover or absorb spilled material using an absorbent designed for chemical spills. Place used absorbents into proper waste containers.

Section 7: Handling and Storage

Handling Procedures: Do not handle or store near heat, sparks, flame, or strong oxidizers. Minimize breathing of vapor, mist, or fumes. Avoid prolonged or repeated contact with skin. Cleanse skin thoroughly after contact, before handling food, and at the end of the work period.

Storage Procedures: Store in a cool dry area out of direct sunlight. Keep containers closed when not in use.

Aerosol Storage Level: NA

Section 8: Exposure Controls/Personal Protection

Exposure Guidelines:

COMPONENT	OSHA		ACGIH		OTHER		UNIT
	TWA	STEL	TWA	STEL	TWA	SOURCE	
Solvent-refined light paraffinic distillate	5*	NE	5*	10*	NE		
Hydrotreated heavy paraffinic distillate	5*	NE	5*	10*	NE		
Additive blend	5*	NE	5*	10*	NE		
N.E. – Not Established (c) – ceiling (s) – skin (v) – vacated * - oil mist							

Engineering Controls: Area should have ventilation to provide fresh air. Local exhaust ventilation is generally preferred because it can control the emissions of the contaminant at the source, preventing dispersion into the general work area. Use mechanical means if necessary to maintain vapor levels below the exposure guidelines. If working in a confined space, follow applicable OSHA regulations.

Respiratory Protection: None required for normal work where adequate ventilation is provided. If engineering controls are not feasible or if exposure exceeds the applicable exposure limits, use a NIOSH-approved cartridge respirator with dust/mist cartridge. Use a self-contained breathing apparatus in confined spaces and for emergencies.

Eye/face Protection: For normal conditions, wear safety glasses. Where there is reasonable probability of liquid contact, wear splash-proof goggles.

Skin Protection: Use protective gloves such as neoprene, nitrile, polyvinyl alcohol, or Viton. Also, use full protective clothing if there is prolonged or repeated contact of liquid with skin.

Section 9: Physical and Chemical Properties

Physical State: liquid

Color: reddish

Odor: slight odor

Specific Gravity: 0.860
 Initial Boiling Point: 565°F
 Freezing Point: ND
 Vapor Pressure: < 0.1 mm Hg @ 20°C
 Vapor Density: > 5 (air = 1)
 Evaporation Rate: < 0.01 (n-butyl acetate = 1)
 Solubility: Negligible
 pH: NA
 Volatile Organic Compounds: wt %: 0 g/L: 0 lbs./gal: 0

Section 10: Stability and Reactivity

Stability: Stable
 Conditions to Avoid: Sources of ignition.
 Incompatible Materials: Strong oxidizing agents.
 Hazardous Decomposition Products: Combustion will produce fumes, smoke carbon monoxide, and other asphyxiants.
 Possibility of Hazardous Reactions: No

Section 11: Toxicological Information

Long-term toxicological studies have not been conducted for this product. The following information is available for components of this product.

ACUTE EFFECTS

<u>Component</u>	<u>Test</u>	<u>Result</u>	<u>Route</u>	<u>Species</u>
Petroleum Distillate	LD50	> 2000 mg/kg	Dermal	Rabbit
Petroleum Distillate	LD50	> 5000 mg/kg	Oral	Rat

CHRONIC EFFECTS

Carcinogenicity:

	<u>Component</u>	<u>Result</u>
OSHA:	None listed	
IARC:	None listed	
NTP:	None listed	

Mutagenicity: Unknown

Other: IARC has determined in reviewing cancer prevalence of exposed workers that the carcinogenic activity of refined oils is related to the severity of processing of the base oil. The base oils contained in this product have been highly refined to remove aromatics, thus reducing carcinogenic potential.
 IP346: DMSO < 3.0%

Section 12: Ecological Information

Ecological studies have not been conducted for this product. The following information is available for components of this product.

Ecotoxicity:	No information available.
Persistence / Degradability:	No information available.
Bioaccumulation / Accumulation:	No information available.
Mobility in Environment:	No information available.

Section 13: Disposal Considerations

Disposal: This product, as packaged, is not a RCRA hazardous waste. (See 40 CFR Part 261.20 – 261.33) If this material is mixed with other wastes, it should be tested for hazardous characteristics.

All disposal activities must comply with federal, state and local regulations. Local regulations may be more stringent than state or national requirements.

Section 14: Transport Information

Proper shipping description:

US DOT (ground): Not Regulated

Special Provisions: None

Section 15: Regulatory Information

U.S. Federal

Toxic Substances Control Act (TSCA):

All ingredients are either listed on the TSCA inventory or are exempt.

Comprehensive Environmental Response, Compensation and Liability Act (CERCLA):

Reportable Quantities (RQ's) exist for the following ingredients: None

Spills or releases resulting in the loss of any ingredient at or above its RQ require immediate notification to the National Response Center (800-424-8802) and to your Local Emergency Planning Committee.

Superfund Amendments Reauthorization Act (SARA) Title III:

Section 302 Extremely Hazardous Substances (EHS): None

Section 311/312 Hazard Categories:	Fire Hazard	No
	Reactive Hazard	No
	Release of Pressure	No
	Acute Health Hazard	No
	Chronic Health Hazard	No

Section 313 Toxic Chemicals: This product contains the 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

Clean Air Act:

Section 112 Hazardous Air Pollutants (HAPs): None

State Regulations

California Safe Drinking Water and Toxic Enforcement Act (Prop 65):

This product may contain the following chemicals known to the state of California to cause cancer, birth defects or other reproductive harm: None

State Right to Know:

New Jersey: None listed
Pennsylvania: None listed
Massachusetts: None listed
Rhode Island : None listed

Additional Regulatory Information: None

Section 16: Other Information

NFPA: Health: 0 Flammability: 1 Reactivity: 0
HMIS: Health: 0 Flammability: 1 Reactivity: 0 PPE: B

Prepared By: Michelle Rudnick
CRC #: 905
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Changes since last revision: MSDS reformatted in accordance with ANSI Z400.1-2004

The information contained in this document applies to this specific material as supplied. It may not be valid for this material if it is used in combination with any other materials. This information is accurate to the best of CRC Industries' knowledge or obtained from sources believed by CRC to be accurate. Before using any product, read all warnings and directions on the label.

CAS: Chemical Abstract Service NA: Not Applicable
ppm: Parts per Million ND: Not Determined
TCC: Tag Closed Cup NE: Not Established
PMCC: Pensky-Martens Closed Cup g/L: grams per Liter
PPE: Personal Protection Equipment lbs./gal: pounds per gallon
TWA: Time Weighted Average STEL: Short Term Exposure Limit
OSHA: Occupational Safety and Health Administration
ACGIH American Conference of Governmental Industrial Hygienists
NIOSH National Institute of Occupational Safety & Health