SAFETY DATA SHEET

FILE NUMBER: 2791

NAME OF PRODUCT *HYTRANS 61*

SECTION 1: PRODUCT AND COMPANY IDENTIFICATION

PRODUCT NAME:	**HYTRANS 61**
SYNONYMS:	**DISTILLATE, PETROLEUM**
PRODUCT CODE:	**2791**
MANUFACTURER:	**SAN JOAQUIN REFINING CO., INC**
DIVISION:	**BAKERSFIELD**
ADDRESS:	**P.O. BOX 5576, BAKERSFIELD, CA., 93388**
EMERGENCY PHONE:	**(661) 327-4257**
RECOMMENDED USE:	**TRANSFORMER OIL**
RESTRICTIONS ON USE:	**NOT INTENDED TO BE USED AS A FUEL**
PREPARED BY:	**SAN JOAQUIN REFINING CO., INC. HEALTH, SAFETY AND ENVIRONMENTAL DEPARTMENTS**

SECTION 2: HAZARDS IDENTIFICATION

OSHA Hazard: Aspiration toxicity
Signal word: Danger



Aspiration Toxicity GHS Classification: 1
Kinematic viscosity ≤20.5 mm²/s @ 40ºc = GHS Cat.1

Precautionary statements:

Prevention: Not Applicable

Response: If swallowed: Immediately call a poison center/doctor. Do NOT induce vomiting.

Storage: Store locked up in a well ventilated place.

Disposal: Dispose of contents/container to comply with Federal, State and Local regulations covering chemical waste spills.

SECTION 3: COMPOSITION/ INFORMATION ON INGREDIENTS

CHEMICAL FAMILY: **DISTILLATE (PETROLEUM) HYDROTREATED LIGHT NAPHTHENIC**

COMPONENT(S)	% BY WEIGHT
Distillates, Petroleum, Hydrotreated Light Naphthenic CAS No. 64742-53-6	>99
2, 6-Di-t-butyl-p-cresol (BHT) CAS No. 128-37-0	<1

SECTION 4: FIRST AID MEASURES

EYES: Avoid contact with eyes. If contact occurs, immediately flush eyes with water for a minimum of 15 minutes. Seek medical attention immediately.

SKIN: Avoid contact with skin. If contact occurs, wash contact areas with soap and water. Remove and clean oil soaked clothing daily and wash affected area.

INGESTION: Do not induce vomiting. If ingested, seek medical attention.

INHALATION: Not expected to be a problem. However, if respiratory irritation, dizziness, nausea or unconsciousness occurs due to excessive vapor or mist exposure, seek medical attention. If operating conditions create airborne concentrations that exceed the exposure standard, the use of an approved NIOSH/OSHA respirator for organic vapors or air- supplied breathing equipment is recommended.

Important symptoms/effects, acute and delayed:

EYES: Eye contact may result in irritation and redness. Exposure to high concentrations of vapors may be irritating to the eyes.

SKIN: Prolonged and repeated contact can defat the skin, which may result in dryness, dermatitis and cracking of the skin.

INGESTION: Do not ingest. Ingestion may result in nausea or stomach discomfort. If swallowed do not induce vomiting, call a physician.

INHALATION: Fumes may be unpleasant and may produce nausea. Remove the person to fresh air if respiratory discomfort occurs.

Recommendations for immediate medical care and special treatment needed, when necessary:

If swallowed: Immediately call a poison center/doctor. Do NOT induce vomiting. Persons with preexisting skin or respiratory disorders may have their conditions aggravated by overexposure to this material. Seek medical attention.

SECTION 5: FIREFIGHTING MEASURES

FLAMMABLE LIMITS IN AIR, (% BY VOLUME): UPPER: No data available
LOWER: No data available

FLASH POINT: COC ºF: 293º Minimum

EXTINGUISHING MEDIA: Foam, water fog, dry chemical, CO^2

SPECIAL FIRE FIGHTING PROCEDURES: Do not enter confined fire space without proper protective equipment including self-contained breathing apparatus. See Hazardous Decomposition Products.

HAZARDOUS DECOMPOSITION PRODUCTS: Normal combustion forms carbon dioxide and water vapor, and may produce oxides of sulfur and nitrogen. Incomplete combustion can produce carbon monoxide.

SECTION 6: ACCIDENTAL RELEASE MEASURES

PERSONAL PROTECTION: Wear safety glasses, rubber gloves, Tyvek type coveralls and rubber boots.

ACCIDENTAL RELEASE MEASURES: In case of spill, clean up using absorbent material such as earth or sand.

RCRA HAZARD CLASS: This product is not a characteristic hazardous waste under RCRA. No EPA waste numbers are applicable for this product's components.

SECTION 7: HANDLING AND STORAGE

PERSONAL PROTECTION: Wear safety glasses, rubber gloves, Tyvek type coveralls and rubber boots.

HANDLING AND STORAGE: Avoid fire, sparks or open flame. Wear appropriate personal protective equipment to ensure that this product does not contact the eyes or skin.

VENTILATION: Use adequate ventilation to keep the airborne concentrations of this material below the established exposure standard.

SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION

COMPONENT(S)	CAL-OSHA PEL- TWA (8 HOUR)	ACGIH TLV-TWA (8 HOUR)	OTHER LIMITS RECOMMENDED
Distillates, Petroleum, Hydrotreated Light Naphthenic CAS No. 64742-53-6	5 mg/m³ (As oil mist)	5 mg/m³ (As oil mist)	None
2, 6-Di-t-butyl-p-cresol (BHT) CAS No. 128-37-0	5 mg/m³ (Nuisance Particulates)	2 mg/m³ (Inhalable aerosol and/or vapor)	10 mg/m³

RESPIRATORY PROTECTION: If operating conditions create airborne concentrations that exceed the exposure standard for this product, the use of an approved NIOSH/OSHA respirator for organic vapors or air supplied breathing equipment is recommended.

EYE PROTECTION: Wear appropriate safety glasses, goggles or full-face shield.

SKIN PROTECTION: Long sleeve cotton shirt and cotton pants are recommended. Wear appropriate gloves.

SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

APPEARANCE:	Clear colored liquid	**UPPER/LOWER FLAM/EXP LMT:**	NDA
ODOR:	Petroleum odor	**VAPOR PRESSURE (mmHg):**	@ 100º F<0.1
ODOR THRESHHOLD:	NDA	**VAPOR DENSITY (AIR = 1):**	4
pH:	NDA	**RELATIVE DENSITY:**	NDA
MELTING/FREEZING PT:	-40ºF Max	**SOLUBILITY IN WATER:**	NIL
INITIAL BOILING POINT: @760º mmHg:	560º F	**PART. COEF. N-OCT/H2O**	≥5.7
FLASH POINT: COC ºF:	293º Minimum	**AUTOIGNITION TEMP:**	NDA
EVAPORATION RATE (ETHYL ETHER = 1):	<1	**DECOMPOSITION TEMP:**	NDA
FLAMMABILITY (solid, gas):	NA	**SPECIFIC GRAVITY (H2O = 1):**	0.88
PERCENT VOLATILE (% BY VOL.):	0	**KINEMATIC VIS mm²/s @ 40ºc**	9.63

SECTION 10: STABILITY AND REACTIVITY

STABILITY: Stable

CONDITIONS CONTRIBUTING TO INSTABILITY: None

INCOMPATIBILITY (MATERIAL TO AVOID): May react with strong oxidizers.

HAZARDOUS DECOMPOSITION OR BY-PRODUCTS: Normal combustion forms carbon dioxide and water vapor, and may produce oxides of sulfur and nitrogen. Incomplete combustion can produce carbon monoxide.

HAZARDOUS POLYMERIZATION: Will not occur

SECTION 11: TOXICOLOGICAL INFORMATION

ACUTE STUDIES: Low order of acute oral or dermal toxicity

HEALTH EFFECTS: Possible mild eye and skin irritant

CARCINOGENICITY:

ACGIH, NTP, OSHA and IARC carcinogen lists were checked for those components with CAS Registry Numbers (64742-53-6) & (128-37-0).

ACGIH: This product is not listed as carcinogenic.

IARC: The International Agency for research on cancer has concluded that highly or severely refined light and middle distillates are Group 3 substances, “not classifiable as to their carcinogenicity to humans,” based on inadequate human or animal evidence.

NTP: This product is not listed as carcinogenic.

OSHA: This product is not listed as carcinogenic.

SECTION 12: ECOLOGICAL INFORMATION

ECOTOXICITY: No mortality or other adverse reactions to the exposures during or after 96 h.

PERSISTENCE & DEGRADABILITY: Direct photolysis will not contribute to a measurable degradative removal of chemical components in this category from the environment.

BIOACCUMULATIVE POTENTIAL: Inherently biodegradable

MOBILITY IN SOIL: NDA

OTHER ADVERSE EFFECTS: NDA

AQUATIC RELEASE: Advise authorities if product has entered or may enter watercourses or sewer drains.

SECTION 13: DISPOSAL CONSIDERATIONS

WASTE RESIDUES DESCRIPTION: This product is not a characteristic hazardous waste under RCRA. No EPA waste numbers are applicable for this product’s components.

SAFE HANDLING INFORMATION: See Section 7 (Handling and Storage)

WASTE DISPOSAL METHOD: Observe Federal, State and Local regulations covering chemical waste spills.

SECTION 14: TRANSPORT INFORMATION

U.S. DEPARTMENT OF TRANSPORTATION:

PROPER SHIPPING NAME: Not regulated as a hazardous material for transportation by USA DOT.

LAND (TDG) Not Regulated As Dangerous Goods
SEA (IMDG) Not Regulated As Dangerous Goods
AIR (IATA) Not Regulated As Dangerous Goods

SECTION 15: REGULATORY INFORMATION

U.S. FEDERAL REGULATIONS:

TSCA (TOXIC SUBSTANCE CONTROL ACT) REGISTRY: Listed

CERCLA (COMPREHENSIVE ENVIRONMENTAL RESPONSE, COMPENSATION AND LIABILITY ACT):
This product is not a hazardous substance under CERCLA.

SARA TITLE III (SUPERFUND AMENDMENTS AND REAUTHORIZATION ACT):

302/304 This product is not listed as an extremely hazardous substance in 40 CFR Part 355, and is not known to contain an extremely hazardous substance in a concentration greater than one percent by weight.

311/312 HAZARD CATEGORIES:

Acute Health Hazard:	No
Chronic Health Hazard:	No
Fire Hazard:	No
Pressure Release Hazard:	No
Reactivity Hazard:	No

313 This product is not known to contain any components in concentrations above OSHA *de minimus* levels that are listed as toxic in 40 CFR Part 372 pursuant to the requirements of Section 313 of SARA.

WHMIS: Listed

OSHA: 29 CFR 1910.1200 (Hazard Communication) required.

STATE REGULATIONS:

Distillate, Petroleum, Hydrotreated Light Naphthenic appears on the following state hazardous substances list.

MA

SECTION 16: OTHER INFORMATION

DATE REVISED: 9/28/2023
SUPERCEDES: 8/11/22

The information provided in this Material Safety Data Sheet is believed to be accurate and reliable on and as of the date on this page. **However, this Material Safety Data Sheet is not a guarantee or warranty of any kind, express or implied. Any and all warranties of merchantability and/or fitness for a particular purpose are specifically disclaimed.** It is the user's responsibility to determine the conditions under which the product is used, including the selection of engineering controls, work practices and Personal Protective Equipment to minimize hazards.