



MATERIAL SAFETY DATA SHEET

1. CHEMICAL PRODUCT AND COMPANY INFORMATION

Product Name: SUNPAR 120

Manufacturer Information:

Holly Refining & Marketing – Tulsa LLC
1700 South Union
Tulsa, Oklahoma 74107

DISTRIBUTED BY
R. E. CARROLL, INC.
1570 NORTH OLDEN AVENUE
TRENTON, NJ 08638-3204
609-695-6211 / 800-257-9365

Product Use:

Process Oil

Emergency Phone Numbers:

Chemtrec (800) 424-9300
Holly Refining & Marketing – Tulsa LLC (918) 594-6000
FAX (918) 594-6909

2. COMPOSITION/INFORMATION ON INGREDIENTS

Component	CAS No.	Amount (Vol%)
SEVERELY SOLVENT REFINED HEAVY PARAFFINIC PETROLEUM OIL	64741-88-4	100 - 100

EXPOSURE GUIDELINES (SEE SECTION 15 FOR ADDITIONAL EXPOSURE LIMITS)

CAS No.	Governing Body	Exposure Limits

3. HAZARDS IDENTIFICATION

EMERGENCY OVERVIEW

Poses little or no immediate hazard.

Hazards Ratings:

Key: 0 = least, 1 = slight, 2 = moderate, 3 = high, 4 = extreme

	Health	Fire	Reactivity	PPI
NFPA	1	1	0	
HMIS	1	1	0	X

POTENTIAL HEALTH EFFECTS

PRE-EXISTING MEDICAL CONDITIONS

The following diseases or disorders may be aggravated by exposure to this product: skin,

INHALATION

No acute effects expected.

LC50 (mg/l): no data
LC50 (mg/m3): no data
LC50 (ppm): no data

- **SKIN**

Practically non-toxic if absorbed through the skin. Substance may cause slight skin irritation.

Draize Skin Score: 0 Out of 8.0

LD50 (mg/kg): no data

- **EYES**

No eye effect expected.

- **INGESTION**

Practically non-toxic if ingested.

LD50 (g/kg): no data

4. FIRST AID MEASURES

- **INHALATION**

Remove to fresh air. If not breathing, give artificial respiration. If breathing is difficult, give oxygen and continue to monitor. Get medical attention.

- **SKIN**

Wash with soap and water for 20 minutes. Get medical attention if irritation develops or persists.

- **EYES**

Immediately flush eyes with plenty of water. Get medical attention, if irritation persists.

- **INGESTION**

Material is practically non-toxic. Induction of vomiting is not required. Get medical attention immediately.

5. FIRE FIGHTING MEASURES

- **EXTINGUISHING MEDIA**

Water spray; Regular foam; Dry chemical; Carbon dioxide;

- **FIRE FIGHTING INSTRUCTIONS**

Wear structural fire fighting gear. As in any fire, wear self-contained breathing apparatus pressure-demand, MSHA/NIOSH (approved or equivalent) and full protective gear. Application of water or foam may cause frothing. Do not direct solid streams into the hot burning liquid.

FLAMMABLE PROPERTIES

	Typical	Minimum	Maximum	Text Result	Units	Method
Flash Point				410 MINIMUM COC	F	N/A
Autoignition Temperature				695 ESTIMATED	F	N/A
Lower Explosion Limit				no data	%	N/A
Upper Explosion Limit				no data	%	N/A

6. ACCIDENTAL RELEASE MEASURES

Contain spilled liquid with sand or earth. DO NOT use combustible materials such as sawdust. Absorb spill with inert material (e.g., dry sand or earth), then place in a chemical waste container. Vacuum or sweep up material and place in a disposal container. Use appropriate personal protective equipment as stated in Section 8 of this MSDS. Advise the Environmental Protection Agency (EPA) and appropriate state agencies, if required.

7. HANDLING AND STORAGE

- **HANDLING**

Wash thoroughly after handling.

- **STORAGE**
NFPA class IIIB storage. Flash point is greater than 200 degrees F.

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

Consult With a Health and Safety Professional for Specific Selections

- **ENGINEERING CONTROLS**
Use with adequate ventilation. Ventilation is normally required when handling or using this product to keep exposure to airborne contaminants below the exposure limit. Mechanical ventilation recommended.
- **PERSONAL PROTECTION**
 - **EYE PROTECTION**
Splash proof chemical goggles are recommended to protect against the splash of product.
 - **GLOVES or HAND PROTECTION**
Protective gloves are recommended when prolonged skin contact cannot be avoided. The glove(s) listed below may provide protection against permeation. Gloves of other chemically resistant materials may not provide adequate protection. Neoprene; Nitrile; Viton;
 - **RESPIRATORY PROTECTION**
Concentration in air determines the level of respiratory protection needed. Use only NIOSH certified respiratory equipment. Respiratory protection is not usually needed unless product is heated or misted..
 - **OTHER**
Where splashing is possible, full chemically resistant protective clothing (e.g., acid suit) and boots are required. The following materials are acceptable for use as protective clothing: Neoprene; Nitrile; Viton; Polyurethane; Remove contaminated clothing and wash before reuse.

9. PHYSICAL AND CHEMICAL PROPERTIES

Physical Property	Typical	Units	Text Result	Reference
Appearance		N/A	COLORLESS LIQUID	
Boiling Point		F	WIDE RANGE	
Bulk Density		lb/gal	no data	
Melting Point		F	no data	
Molecular Weight		g/mole	no data	
Octanol/Water Coefficient		N/A	no data	
pH		N/A	no data	
Specific Gravity	0.87	N/A		
Solubility in Water		wt %	NIL	
Odor		N/A	LITTLE ODOR	
Odor Threshold		ppm	no data	
Vapor Pressure		mmHg	<0.0001	@ 20 C
Viscosity (F)	200	SUS		@ 100 F
Viscosity (C)	38.9	CsT		@ 40 C
% Volatile		wt %	NIL	

10. STABILITY AND REACTIVITY

- **STABILITY**
Stable

- **CONDITIONS TO AVOID**
Avoid heat, sparks and open flame.
- **INCOMPATIBILITY**
Strong oxidizers
- **HAZARDOUS DECOMPOSITION PRODUCTS**
Combustion may produce carbon monoxide, carbon dioxide and other asphyxiants.
- **HAZARDOUS POLYMERIZATION**
Will not polymerize.

11. ECOLOGICAL INFORMATION

No data available.

12. DISPOSAL CONSIDERATIONS

Follow federal, state and local regulations. This material is not a RCRA hazardous waste, if not contaminated. Do not flush material to drain or storm sewer. Contract to authorized disposal service.

13. TRANSPORT INFORMATION

<u>Governing Body</u>	<u>Mode</u>	<u>Proper Shipping Name</u>
DOT	Ground	Not Regulated

<u>Governing Body</u>	<u>Mode</u>	<u>Hazard Class</u>	<u>UN/NA No.</u>	<u>Label</u>
DOT	Ground	N/A	N/A	

14. REGULATORY INFORMATION

<u>Regulatory List</u>	<u>Component</u>	<u>CAS No.</u>
Inventory - Australia (AICS)	SEVERELY SOLVENT	64741-88-4
	REFINED HEAVY PARAFFINIC PETROLEUM OIL	
Inventory - Canada - Domestic Substances List	SEVERELY SOLVENT	64741-88-4
	REFINED HEAVY PARAFFINIC PETROLEUM OIL	
Inventory - China	SEVERELY SOLVENT	64741-88-4
	REFINED HEAVY PARAFFINIC PETROLEUM OIL	
Inventory - European EINECS Inventory	SEVERELY SOLVENT	64741-88-4
	REFINED HEAVY PARAFFINIC PETROLEUM OIL	
Inventory - Korea - Existing and Evaluated	SEVERELY SOLVENT	64741-88-4
	REFINED HEAVY PARAFFINIC PETROLEUM OIL	
Inventory - Philippines Inventory (PICCS)	SEVERELY SOLVENT	64741-88-4
	REFINED HEAVY PARAFFINIC PETROLEUM OIL	
Inventory - TSCA - Sect. 8(b) Inventory	SEVERELY SOLVENT	64741-88-4
	REFINED HEAVY PARAFFINIC PETROLEUM OIL	

Title III Classifications Sections 311, 312:

- Acute: **NO**
- Chronic: **NO**
- Fire: **NO**
- Reactivity: **NO**
- Sudden Release of Pressure: **NO**

15. OTHER INFORMATION

This product is severely solvent-refined, contains less than 3% polycyclic aromatics by IP 346, and does not require chronic hazard warnings. Follow all MSDS/label precautions even after container is emptied because it may retain product residue. Limits for the product- 5mg/m³, Oil Mist Limit, (OSHA PEL/ACGIH TLV) WHMIS Classification: not controlled. Please refer to the material safety data sheet for complete information.