



Safety Data Sheet

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Revision #: 2
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1. CHEMICAL PRODUCT AND COMPANY IDENTIFICATION

Product Name: MaxPar™ G1-150, MaxPar™ G1-325, MaxPar™ G1-500, MaxPar™ G1-750
Synonyms: MaxPar™ G1 Base Oils

General Uses: Process Oil, Base Oil, Carrier, Lubricants
Chemical Family: Petroleum Hydrocarbon
Responsible Party:

Resolute Oil, LLC
102 Magellan Circle, Suite B
Webster, TX 77598
866-690-0417

Emergency Overview

24 Hour Emergency Telephone Numbers:

Spill, Leak, Fire or Accident Call CHEMTREC:
North America: (800) 424-9300
Others: (703) 527-3887 (collect)
California Poison Control System: (800) 356-3129

2. COMPOSITION / INFORMATION ON INGREDIENTS

Component	CAS#	Concentration
Distillates, Petroleum Solvent De-waxed Heavy Paraffinic	64742-65-0	0-100%
Distillates, Petroleum Hydro-treated Heavy Paraffinic	64742-54-7	0-100%

Note: the above components are not hazardous.

3. HAZARD IDENTIFICATION

NFPA 704 Hazard Class

Health: 1 **Flammability:** 1 **Instability:** 0

Legend: 0 (Least), 1 (Slight), 2 (Moderate), 3 (High), 4 (Extreme)

Product is not considered or classified as hazardous

4. FIRST AID MEASURES

Eye: If irritation or redness develops, move victim away from exposure and into fresh air. Flush eyes with clean water. If symptoms persist, seek medical attention.

Skin: Cleanse affected area(s) thoroughly by washing with mild soap and water. If irritation or redness develops and persists, seek medical attention.



Inhalation (Breathing): First aid is not normally required. If breathing difficulties develop, move away from source and seek medical attention.

Ingestion (Swallowing): First aid is not normally required; however, if swallowed and symptoms develop, seek medical attention.

5. FIRE-FIGHTING MEASURES

NFPA 704 Hazard Class

Health: 1 Flammability: 1 Instability: 0

Legend: 0 (Least), 1 (Slight), 2 (Moderate), 3 (High), 4 (Extreme)

Flammable Properties:

Flash Point: >320°F / 160°C
Test Method: Cleveland Open Cup (COC), ASTM D92

Extinguishing Media: Dry chemicals, carbon dioxide, foam, or water spray are recommended. Water or foam may cause frothing of materials heated above 212°F. Carbon dioxide can displace oxygen. Use caution when applying carbon dioxide in confined spaces.

Fire Fighting Instructions: For fires beyond the initial stage, emergency responders in the immediate hazard area should wear protective gear. When the potential chemical hazard is unknown, in enclosed or confined spaces, or when explicitly required by DOT, a self contained breathing apparatus should be worn. In addition, wear other appropriate protective equipment as conditions warrant. Isolate immediate hazard area, keep unauthorized personnel out. Water spray may be useful in minimizing or dispersing vapors and to protect personnel. Cool equipment exposed to fire with water, if it can be done with minimal risk.

6. ACCIDENTAL RELEASE MEASURES

Personal Precautions, Protective Equipment and Emergency Procedures: Wear appropriate personal protective equipment to avoid direct contact. The material will burn, but will not ignite readily. Keep all ignition sources away from the spill/release.

Environmental Precautions: Stop spill/release if it can be done safely. Product is insoluble in water, so prevent it from entering drains or water ways. Notify appropriate state and local authorities.

Method for clean up: Use absorbent materials such as sand, earth or vermiculite on land spills. Use absorbent booms or skimming devices on water spills.

7. HANDLING AND STORAGE

Handling: Keep away from ignition sources. Be cautious of any drips or spills as product is extremely slippery. Do not enter confined spaces without appropriate equipment and procedures.

Storage: Store containers in a clean, dry location, away from strong sunlight and heat or flames. Keep containers sealed when not in use. Empty containers retain residue and should be handled with care and disposed of properly.



8. EXPOSURE CONTROLS / PERSONAL PROTECTION

Component	ACGIH	OSHA	Other
Distillates, Petroleum De-waxed Heavy Paraffinic	5 mg/m TWA 10 mg/m STEL	5 mg/m	As Oil Mist, if generated 5mg/m TWA
Distillates, Petroleum Hydro-treated Heavy Paraffinic	5 mg/m TWA 10 mg/m STEL	5 mg/m	As Oil Mist, if generated 5mg/m TWA

STEL- Short Term Exposure Limit (15 minutes): TWA-Time Weighted Average

Personal Protective Equipment (PPE):

Respiratory: If vapor or mist is generated by heating, spraying, etc, wear an air purifying respirator with mist filter. No special respiratory protection is normally required.

Skin: Wear gloves and long sleeve clothing to minimize contact.

Eye/Face: Wear glasses with side shield or goggles in case of splashing

Engineering controls: If current ventilation practices are not adequate to maintain airborne concentrations below the established exposure limits, additional engineering controls may be required.

9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance

Physical Form: Liquid
Color: Light yellow to Light Brown
Odor: Mild petroleum

Other Properties:

Vapor Pressure (mm Hg): <1
Vapor Density (air=1): >1
pH N/A
Melting/Freezing Point: No data
Solubility in Water: Insoluble
Specific Gravity: 0.82 – 0.88
Viscosity: 50 SUS@100°F – 780SUS @100°F
Percent Volatile: Nil
Flash Point: >320°F / 160°C
Test Method: Cleveland Open Cup (COC), ASTM D92
LEL (vol % in air): No data
UEL (vol % in air): No data
Auto-ignition Temperature: No data
Decomposition Temperature: No data

Note: Unless otherwise stated, values are determined at 20°C (68°F) and 760 mm Hg (1 atm).

10. STABILITY AND REACTIVITY

Reactivity:

Not chemically reactive

Chemical Stability:

Stable under normal ambient and anticipated conditions of use

Conditions to Avoid:

Extended exposure to high temperatures can cause decomposition.

Materials to Avoid (Incompatible Materials):

Avoid contact with strong oxidizing agents.

Hazardous Decomposition Products:

Not anticipated under normal conditions

Hazardous Polymerization:

Will not occur.



11. TOXICOLOGICAL INFORMATION

Acute Toxicity	Hazard	LC50/LD50 Data
Inhalation	Unlikely to be harmful	>5 mg/L
Skin Absorption	Unlikely to be harmful	>2 g/kg
Ingestion (swallowing)	Unlikely to be harmful	>5 g/kg

Aspiration Hazard: Not expected to be a hazard for static vapor at ambient temperatures. Inhalation of mist or spray may be harmful and cause pulmonary edema or aspiration pneumonia. Oil deposits in the lung may lead to fibrosis and reduced pulmonary function.

Skin Irritation: Causes mild skin irritation.

Serious Eye Damage/Irritation: Causes mild eye irritation

Skin Sensitization: Not expected to be a skin sensitizer

Respiratory Sensitization: Not expected to be a respiratory sensitizer

Signs and Symptoms: Inhalation of oil mists or vapors generated at elevated temperatures may cause respiratory irritation. Accidental ingestion can result in minor irritation of the digestive tract, nausea and diarrhea.

Specific Target Organ Toxicity (Single Exposure): Not expected to cause organ effects from single exposure

Specific Target Organ Toxicity (Repeated Exposure): Not expected to cause organ effects from single exposure

Carcinogenicity: Not expected to cause cancer. This oil meets the IP-346 criteria of less than 3 percent PAH's and is not considered a carcinogen by the International Agency for Research on Cancer.

12. ECOLOGICAL INFORMATION

Aquatic toxicity:

96 hr LL50; Oncorhynchus mykiss	>1000 mg/L
96 hr. EL50; Scenedesmus subspicatus	>1000 mg/L

Persistence and Degradability: The hydrocarbons in this material are not readily biodegradable, but since they can be degraded by microorganisms, they are regarded as inherently biodegradable.

13. DISPOSAL CONSIDERATIONS

Dispose of in accordance with appropriate local, state and federal regulations. Empty drums/containers should be sealed and returned to a re-conditioner.

14. TRANSPORTATION INFORMATION

U.S. Department of Transportation (DOT)

Shipping Description: Not regulated

Trucking Freight description: 65 Petroleum Oil, N.O.I.B.N

Note: Material is unregulated unless shipped by land in a packaging having a capacity of 3,500 gallons or more. Then the provisions of 49 CFR, Part 130 apply.

International Maritime Dangerous Goods (IMDG)

Shipping Description: Not regulated

International Civil Aviation Org. / International Air Transport Assoc. (ICAO/IATA)

Shipping Description: Not regulated



15. REGULATORY INFORMATION

U.S. Regulations:

CERCLA/SARA - Section 311/312 (Title III Hazard Categories)

Acute Health: No

Chronic Health: No

Fire Hazard: No

Pressure Hazard: No

Reactive Hazard: No

CERCLA/SARA - Section 313 and 40 CFR 372:

This material contains the following chemicals subject to the reporting requirements of SARA 313 and 40 CFR 372: None Known.

EPA (CERCLA) Reportable Quantity (in pounds): --None Known--

CERCLA/SARA - Section 302 Extremely Hazardous Substances and TPQs (in pounds):

This material contains the following chemicals subject to the reporting requirements of SARA 302 and 40 CFR 372: None Known.

California Proposition 65:

Warning: This material contains the following chemicals which are known to the State of California to cause cancer, birth defects or other reproductive harm, and are subject to the requirements of California Proposition 65 (CA Health & Safety Code Section 25249.5): None Known.

Carcinogen Identification:

This material has not been identified as a carcinogen by NTP, IARC, or OSHA. See Section 11 for carcinogenicity information of individual components, if any.

TSCA: All components are listed on the TSCA inventory.

International Regulations:

Canadian Regulations: This product has been classified in accordance with the hazard criteria of the Controlled Products Regulations (CPR) and the MSDS contains all the information required by the CPR.

Domestic Substances List: Listed

WHMIS Hazard Class: Not Regulated

International Inventories:

This material is listed on the following inventories:

Australia (AICS)

Canada (DSL)

China

Europe (EINECS)

Korea (Existing and Evaluated Chemical Substances)

Philippines (PICCS)

Japan (ENCS)



16. OTHER INFORMATION

Disclaimer of Expressed and implied Warranties:

The information presented in this Material Safety Data Sheet is based on data believed to be accurate as of the date this Safety Data Sheet was prepared. HOWEVER, NO WARRANTY OF MERCHANTABILITY, FITNESS FOR ANY PARTICULAR PURPOSE, OR ANY OTHER WARRANTY IS EXPRESSED OR IS TO BE IMPLIED REGARDING THE ACCURACY OR COMPLETENESS OF THE INFORMATION PROVIDED ABOVE, THE RESULTS TO BE OBTAINED FROM THE USE OF THIS INFORMATION OR THE PRODUCT, THE SAFETY OF THIS PRODUCT, OR THE HAZARDS RELATED TO ITS USE. No responsibility is assumed for any damage or injury resulting from abnormal use or from any failure to adhere to recommended practices. The information provided above, and the product, are furnished on the condition that the person receiving them shall make their own determination as to the suitability of the product for their particular purpose and on the condition that they assume the risk of their use. In addition, no authorization is given nor implied to practice any patented invention without a license

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