Safety Data Sheet

Genesis High Performance Compound
9D204Q | 9D204G

HMIS Ratings	
Health	1
Flammability	1
Reactivity	0
Protection	B

Section 1: Identification

Product Name: Genesis High Performance Compound

Product Use: Automotive Reconditioning Product

Restrictions on Use: For automotive use only

Manufactured for: Petra Oil Company
6100 West by Northwest Blvd., Suite 190
Houston, TX 77040

Phone Number: (713) 856-5700

Fax Number: (713) 856-5712

Emergency Phone: CHEMTREC
1-800-424-9300
For International Calls:
(703) 527-3887

Section 2: Hazard Identification

Hazard Class: Skin Irritant Category 3, Eye Irritant Category 2A, Acute Target Organ Toxicity Category 3, Carcinogenicity Category 1.

Signal Word(s): Danger

Hazard Statement: Causes mild skin irritation. Causes serious eye irritation. May cause respiratory irritation and/or CNS depression on inhalation. May cause Cancer via respirable crystalline silica.

Pictogram Classes:

Precautionary Measures: Do not ingest, keep out of eyes. Do not handle until all safety precautions have been read and understood. Wear proper protective gear. Wash thoroughly after handling. Store locked up.

Miscellaneous Hazards: N/A

Section 3: Composition/Information on Ingredients

Chemical Name	CAS Number	Concentration (Wgt.%)
Silica, Crystalline (Quartz)	14808-60-7	30-40
Solvent Naphtha, Heavy Aliphatic	64742-96-7	15-20
Non-hazardous and other ingredients below reportable levels	Proprietary	40-55
Total Ingredients:		100%

Exact Percentages are withheld as a trade secret.

Section 4: First Aid Measures

Skin Contact Wash immediately with soap and water. Take off all contaminated clothing. If irritation persists, seek medical advice or attention.

Eye Contact Rinse cautiously with water for several minutes. Remove contact lenses if present/able. Continue rinsing. If eye irritation persists, get medical advice/attention.

Inhalation Move person to non-contaminated air. Seek medical attention if symptoms develop or persist.

Ingestion If the material is swallowed, get immediate medical attention or advice – Do not induce vomiting.

Notes for Immediate Care / Physician N/A

Section 5: Fire Fighting Measures

Hazardous Combustion Products:
Carbon Monoxide, carbon dioxide, and other hydrocarbon fragments.

Extinguishing Media:
Alcohol foam. Carbon dioxide, dry chemical.

General Fire Hazards:
This product is not a fire hazard at normal temperatures.

Fire Fighting Equipment and Instructions:
Firefighters should wear full protective gear including self-contained breathing apparatus.

Section 6: Accidental Release Measures

Personal Protection/PPE:
Wear mask, gloves, safety glasses or goggles, and an apron to avoid inhalation and skin and eye contact.

Emergency Procedures:
Ensure ventilation to avoid inhalation.

Containment Procedures:
Stop the flow of material, if this is without risk. Dike the spilled material, where possible. Absorb with inert absorbent such as dry clay, sand, diatomaceous earth, commercial sorbents, or recover using pumps.

Cleanup Procedures:
Absorb spill with inert material. Shovel material into appropriate container for disposal.

Section 7: Handling and Storage

Handling Procedures:
Avoid prolonged or repeated skin contact with this material.

Storage Procedures:
Keep the container tightly closed and in a cool, well-ventilated place. Do not freeze. Store between 40°F-100°F.

Section 8: Exposure Controls/Personal Protection

			Exposure Limits	
Chemical	**CAS Number**	**PEL-OSHA**	**TLV-ACGIH**	**Carcinogen**
Silica, Crystalline (Quartz)	14808-60-7	10 mg/m^3	0.05 mg/m^3	Yes
Solvent Naphtha, Heavy Aliphatic	64742-96-7	500 ppm	500 ppm	No
Non-hazardous and other ingredients below reportable levels	Proprietary	N/A	N/A	N/A

Engineering Controls:
Use local exhaust ventilation.

Personal Protective Equipment:
Eyes/Face:
Wear chemical goggles.

Skin:
Use impervious gloves. Use of impervious apron and boots are recommended.

Respiratory:
If ventilation is not sufficient to effectively prevent buildup of vapor/fume/mist/dust, appropriate NIOSH/MSHA respiratory protection must be provided.

General:
Eye wash fountain and emergency showers are recommended. Use good industrial hygiene practices in handling this material.

Section 9: Physical and Chemical Properties

Appearance:	Light Brown/Tan liquid, thick pourable cream
Flammability Limits:	1% (lower), 5% (upper)
Explosive Limits:	Not available.
Odor:	Characteristic
Odor Threshold:	Not available.
Vapor Density:	Not available.
Vapor Pressure:	Not available.
pH:	Not available.
Relative Density:	1.12
Melting Point:	80°C
Solubility:	Negligible solubility in water.
Initial Boiling Point/Boiling Range:	343°C
Flash Point:	>93.3°C (TCC)
Autoignition Temperature:	Not available.
Evaporation Rate:	Not available.
Partition Coefficient (n-octanol/water):	Not available.
Decomposition Temperature:	Not available.
Viscosity:	Not available.

Section 10: Stability and Reactivity

Reactivity:
May react with strong oxidizing agents or strong bases.

Chemical Stability:
This is a stable material under normal conditions.

Hazardous Decomposition:
Combustion products may include carbon monoxide, carbon dioxide, and hydrocarbon fragments.

Hazardous Polymerization:
Will not occur.

Incompatible Materials:
This product may react with strong oxidizing agents (peroxides, chlorine, strong acids) or strong bases.

Conditions Leading to Hazard:
Allowing product to freeze, storage near heat or ignition source, storage with strong oxidizing agents.

Section 11: Toxicological Information

Acute Toxicity Estimate – Oral: >5000 mg/kg
Acute Toxicity Estimate – Dermal: >5000 mg/kg
Reproductive Toxicity/Germ Cell Mutagenicity: No ingredients with positive in vivo tests.
Skin/Inhalation Sensitization: This product is not expected to cause sensitization.
Carcinogenicity: Contains the Class 1 carcinogen crystalline silica. Mixture has not been tested for carcinogenicity. Note that testing has demonstrated the carcinogenic properties of crystalline silica are primarily linked to silicosis from repeated inhalation of silica dust. Take care to avoid drying out this product and properly control any dust produced, and this will likely mitigate most of the potential carcinogenic properties.

Section 12: Ecological Information

Existing Structure Activity Relationship (SAR) and Experimental data on the components of this product indicate neither Acute Toxicity or Chronic Toxicity to the aquatic environment. Bioaccumulation and other routes of aquatic contamination have insufficient data to be considered.

None of the components of this product are listed in the Montreal Protocol or its Amendments.

Section 13: Disposal Concerns

Dispose of waste material in accordance with Local, State, Federal, and Provincial Environmental Regulations.

Section 14: Transport Information

This product is not regulated as a hazardous material by the United States (DOT), Canadian (TDG), IMDG, or IATA transportation regulations.

Section 15: Regulatory Information

US Federal Regulations

CERCLA/SARA – Section 313 – Emission Reporting
None.

State Regulations

California – Proposition 65 – Carcinogens List
Crystalline Silica

Section 16: Other Information

Disclaimer:
NOTICE: The information presented herein is based on data considered to be accurate as of the date of preparation of this Safety Data Sheet. However, SDS may not be used as a commercial specification sheet of manufacturer or seller, and no warranty or representation, expressed or implied, is made as to the accuracy or comprehensiveness of the foregoing data and safety information, nor is any authorization given or implied to practice any patented invention without a license. In addition, no responsibility can be assumed by the vendor for any damage or injury resulting from abnormal use, from any failure to adhere to recommended practices, or from any hazards inherent in the nature of the product.

Prepared By	Technical Department
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