

**MATERIAL SAFETY DATA SHEET (MSDS)****1. CHEMICAL IDENTITY****HYDROGENATED PYROLYSIS GASOLINE**

Chemical Name	Hydrogenated Pyrolysis Gasoline	Trade name	HPG
Synonyms	HPG	Chemical classification	Hydrocarbon Mixture
Formula	HC Mixture	CAS Number	DNA
UN number	DNA	UN Hazard class	3
Hazchem code (EAC)	3WE		
REGULATED IDENTIFICATION		Hazardous ingredients	CAS No.
Shipping Name	DNA		-
Shipping code/ Label	DNA		
Hazardous waste Id No.	Not pertinent		

Uses: Used as fuel and blending stock for motor sprit

2. PHYSICAL AND CHEMICAL DATA

Boiling point/ Range °C	45-240 *	Physical state	Liquid	Appearance	Colourless
Melting/ Freezing Point °C	-20 *	Vapour Pressure(at 20° C) mm Hg	180 *	Odour	Like aromatics
Vapour Density (Air =1)	3.0 *	Solubility in water (at 30°C)	Negligible	Other Information	
Specific gravity (at 20 °C) (water =1)	0.82 *	pH	Not pertinent		

3. FIRE AND EXPLOSION HAZARD DATA

Flash point °C (CC) (OC)	-37 *	Flammability LFL % v UFL % v	1.1 7.2 *	TDG Flammability	3
Explosion sensitivity to impact	No	Explosion sensitivity to static electricity	Yes	Autoignition Temperature °C	240 *
Combustible Material	Yes	Explosive Material	No	Hazardous Polymerization	No
Flammable Material	Yes	Oxidiser	No	Corrosive Material	No
Pyrophoric Material	No	Organic Peroxide	No	Other information : Forms gums	
Hazardous Combustion Products	CO in case of Oxygen deficiency				

4. REACTIVITY DATA

Chemical stability	Stable except minor gum formation
Incompatibility with other Materials	Strong oxidising agent
Reactivity	DNA
Hazardous Reaction Products	DNA

5. HEALTH HAZARD DATA

Route of entry	Inhalation, skin contact, eye contact			
Effect of exposure/ Symptoms	Inhalation: May cause irritation, sore throat, cough, shortness of breath. Skin contact : may cause mild irritation to sensitive skin. Skin absorption: no evidence. Eye contact : May cause mechanical irritation, redness, pain			
Emergency treatment	Inhalation: fresh air. Consult a doctor if necessary. Skin: Remove contaminated clothing: wash skin with soap and water. Eyes: Flush with water. If irritation persists consult a doctor. Ingestion: Consult a doctor if necessary.			
Permissible Exposure Limit	TLV-TWA (ACGIH)	DNA	STEL(ACGIH)	DNA
TDLo imp-rat: DNA	IDLH	DNA	Odour threshold	DNA
NFPA Hazard signals	Health 1	Flammability 3	Reactivity 0	Special -



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6. PREVENTIVE MEASURES

HYDROGENATED PYROLYSIS GASOLINE

PERSONAL PROTECTIVE MATERIAL	Rubber gloves, goggles, Safety shoes, SCBA (where necessary)
HANDLING AND STORAGE PRECAUTIONS	Store at ambient temperature. Keep containers closed. Separate from acids, oxidising agents. No open flames, no smoking, no sparks.

7. EMERGENCY AND FIRST AID MEASURES

FIRE (Class of fire : B)	
Fire extinguish media	Alcohol resistant foam, DCP, CO2
Special Procedures	Full body protection. Wear SCBA if necessary.
Unusual Hazards	CO in case of Oxygen deficiency.
EXPOSURE	
First Aid Measures	Inhalation: fresh air. Consult a doctor if necessary. Skin: Remove contaminated clothing: wash skin with soap and water. Eyes: Flush with water. If irritation persists consult a doctor. Ingestion: Consult a doctor if necessary.
Antidotes/ Dosages	None specific. Treat symptomatically.
SPILLS	
Steps to be taken	do not divert to sewer. Collect after bunding.
Waste Disposal Method	Liquid fuel pool or burn in a suitable furnace.

8. ADDITIONAL INFORMATION/ REFERENCES

ECOLOGICAL INFORMATION	
Ecotoxicity	Harmful to aquatic life in low concentration
Persistence	DNA
OTHER INFORMATION	
REFERENCES (FOR OBTAINING MORE INFORMATION)	
Information for process design Manual.	

9. MANUFACTURER/SUPPLIER/ CONSUMER'S DATA

Haldia Petrochemicals Limited, Durgachak, Haldia, Purba Medinipur, WB- 721 602	Contact person in Emergency	Emergency leader
PH: (03224) 274400/007	Local Bodies Involved	The Additional District Magistrate
Fax: (03224) 274420	Standard Packing	
	Tremcard details/ Ref	
	Others	-

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