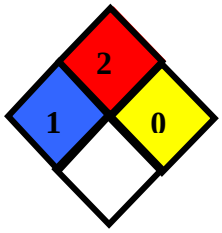
SAFETY DATA SHEET

BPCL KOCHI REFINERY



NFPA 704 (Sec 16)

High Flash High Speed Diesel

Section 1 – IDENTIFICATION OF THE SUBSTANCE AND OF THE COMPANY / UNDERTAKING

Chemical Name	High Flash High Speed Diesel	CAS Number:	NA
Product name		UN No.	NA
Chemical Formula	NA	Synonyms	High Flash High Speed Diesel, HFHSD
Hazchem No.	NA	Hazardous waste ID No.	NA
Product use			
Manufacturer's name	Bharat Petroleum Corporation Limited		
Address	4&6, Currimbhoy Road, Ballard Estate Mumbai- 400 001, INDIA		
Contact information	Telephone No. : 091-22-24176354 Fax No. : 091-22-24166512/24182511 Emergency Coordination Centre Contact : BPCL Kochi Refinery, Ambalamugal,Kochi, Kerala **EMERGENCY CONTACT DETAILS** : BPCL – KOCHI REFINERY, Ambalamugal Dist. Ernakulam, Kerala, India 091-484-2722061 24*7 Emergency contact No : +91 9495001031		

Section 2 – Composition / Information on ingredients

Composition:	NA
Hazardous Components:	NA

Section 3 – Hazards Identification

Primary Entry Routes	Inhalation, ingestion, skin absorption and eye contact.
Acute Health Effects	Skin : May cause slight irritation. Inhalation : Irritation Ingestion : May be slightly toxic if swallowed
Chronic Effects	

Carcinogenicity				
NFPA hazard signals	Flammability	Health	Reactivity	Special
	2	1	0	
Other (Specify)				

Section 4 – First Aid Measures

Eyes:	Flush eyes with plenty of water for at least 15 minutes.
Skin:	Wash with soap and plenty of water. Remove contaminated clothing
Inhalation:	Remove subject from exposure and move to fresh air immediately
Ingestion:	
Other (Specify)	All treatments should be based on observed signs and symptoms of distress in the patient. In case of skin contact wash with soap and plenty of water. Remove contaminated clothing. In case of eye contact flush eyes with plenty of water for at least 15-20 minutes. In case of ingestion give person plenty of water. Seek Medical attention. Antidotes/Dosages: Not available

Section 5 – Fire fighting measures

Flash Point	66 ^{0}C (QC)	Auto ignition Temperature	NA
Flash Point Method		TDG Flammability Classification	NA
LEL	NA	UEL	NA
Combustible liquid	Yes	Explosive material	NA
Corrosive material	NA	Flammable material	NA
Oxidiser	NA	Pyrophoric material	NA
Organic peroxide	NA	Explosion sensitivity to impact	
Explosion sensitivity to static electricity		Hazardous polymerisation	
Extinguishing Media	Water spray, DCP.		
Fire or Explosion Hazards	NA		
Hazardous combustion Products	NA		
Fire-Fighting Instructions and procedures	NA		

Section 6 – Accidental Release Measures

Small Spills	Avoid run off into storm water sewers and ditches lead to waterways. Remove all sources of ignition.
Containment	A vapour suppressing foam may be used to reduce vapours. Water spray may reduce vapour but may not prevent ignition in closed spaces.

Clean-up	Absorb spill using an absorbent, non-combustible material such as earth, sand or vermiculate. Do not use combustible materials such as saw dust.
Other (Specify)	

Section 7 – Handling and Storage

Handling Precautions	Use adequate ventilation. Wash thoroughly after handling. Use sensible industrial hygiene and housekeeping practices. Wash thoroughly after handling. Avoid all situations that could lead to harmful exposure..
Storage Requirements	Store in a dry, well-ventilated place

Section 8 – Exposure Controls / Personal Protection

Engineering Controls	
Gloves (Specify)	Use Appropriate approved gloves,
Respiratory Protection (Specify)	
Eye (Specify)	Safety glasses with side-shields
Foot wear (Specify)	
Protective clothing/ Equipment (Specify)	Facilities storing or utilizing this material should be equipped with an eyewash facility
Other(Specify)	

Section 9 – Physical and Chemical properties

Physical State	Liquid
Appearance	Pale Yellow Liquid
Odour	Pungent Smell
Vapour Pressure	N.A
Specific Gravity (Specify at what temp)	0.82 – 0.87 g/ml at 200C
Water Solubility (Specify at what temp)	Insoluble
Evaporation rate	
Boiling Point	172 - 385 ^{0}C
Melting Point	N.A
Vapour Density	N.A
pH	N.A
Other(Specify)	Soluble in Aniline

Section 10 – Stability and Reactivity

Chemical Stability	Stable at ambient temperature.

(If no, under what conditions)	
Chemical Incompatibilities (If yes, which ones)	NA
Conditions to Avoid	
Hazardous Decomposition Products	NA
Other(Specify)	Reactivity : Conc. Nitric acid

Section 11 – Toxicological Information

TLV – TWA as per ACIGH/NIOSH	NA
STEL	NA
LD 50 (Specify species and route)	NA
LC 50 (Specify species and route)	
Acute Inhalation Effects	

Section 12 – Ecological Information

Section 13 – Disposal Considerations

Disposal	Whatever cannot be saved for recovery or recycling should be managed in an approved waste disposal facility and should be according to State and local disposal regulations

Section 14 – Transport Information

Shipping Name	NA
Special shipping information/ instructions	NA

Section 15 – Regulatory Information

Section 16 – Other Information

Prepared by BPCL Kochi Refinery

Disclaimer: Bharat Petroleum Corporation Limited, believes that the information and recommendations contained herein (including data and statements) are accurate as of the date hereof. NO

WARRANTY OF FITNESS FOR ANY PARTICULAR PURPOSE, WARRANTY OF

MERCHANTABILITY, OR ANY OTHER WARRANTY, EXPRESSED OR IMPLIED, IS MADE

CONCERNING THE INFORMATION PROVIDED HEREIN.

The information provided herein relates only to the specific product designated and may not be applicable where such product is used in combination with any other materials or in any process.

Company will not take any warrantee if this product is used in a manner inconsistent with its labelling. Further, since the conditions and methods of use are beyond the control of BPCL, expressly disclaims any and all liability as to any results obtained or arising from any use of the product or reliance on such information

Notes:

1. CAS No. – Chemical Abstract Service Number
2. UN No. – United Nations Number
3. TDG flammability – Transport of Dangerous Goods Flammability classification by United Nations.