

PRODUCT NAME:	

Effective Date:

This PSDS is a detailed information bulletin of OGDCL's product describing, among other things, the physical and chemical properties, physical and health hazards, routes of exposure, precautions for safe handling and use, emergency and first-aid procedures, and control measures.

This information must be disseminated / conveyed to the downstream customers including product transporters to timely & effectively respond to daily exposure situations as well as to emergency situations.

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	I – PRODUC	TIDENTIFICATION	ON			
CHEMICALNAME	CHEMICAL F			MOLECULAR WEIGHT	•	
Trade Name	SYNONYMS		(	CONTRACT REFERENC	Œ#	
II.	- COMPOSITION/INF	ORMATION ON	INGR	REDIENTS		
COMPONENT(S)	,	CAS DECISTRY Communication ACCIHITY				
CHEMICAL NAME	NO	(by wt		MSHA/OSHA PEL	TWA	
*There are no exposure limits for crude oil				ral oil mist is to be used only as	a reference.	
	III – HAZARI	OS IDENTIFICATI	ON			
Primary route(s) of exposure:	□Inhalation	□Skin	$\square$ In	gestion		
EYE CONTACT:						
SKIN CONTACT:						
SKIN ABSORPTION:						
INGESTION:						
INHALATION:  MEDICAL CONDITIONS AGGI	2 A W A TED B.V. EVPOSI II	OF .				
MEDICAL CONDITIONS AGGI	MVAILDDI LAI OSOI	XL.				
	IV – FIRST	AID MEASURES	5			
- ()						
Primary route(s) of exposure:  EYES:	□Inhalation	□Skin	□Ing	gestion		
SKIN:						
INGESTION:						
INHALATION:						



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	HTING MEASURES		
FLASHPOINT	FLAMMABLE LIMITS IN AIR		
ENTENDED HOLID LO A OFNIT			
EXTINGUISHING AGENT			
LINITICLIAL FIRE AND EXPLOSIONITIA 7 A DD			
UNUSUAL FIRE AND EXPLOSION HAZARD			
YY LOOYD TIVE	Y DEVELOPINE LOVERS		
	AL RELEASE MEASURES		
STEPS TO BE TAKEN IN CASE MATERIAL IS RELEASED	OOR SPILLED		
VII – HANDL	ING AND STORAGE		
VIII – EXPOSURE CONTR	COLS/PERSONAL PROTECTION		
ENGINEERING CONTROLS			
EYE/FACE PROTECTION			
ETE, ITTELLICIENT			
SKIN PROTECTION			
RESPIRATORY PROTECTION			
GENERAL HYGIENE CONSIDERATIONS			
IX – PHYSICAL AN	D CHEMICAL PROPERTIES		
APPEARANCE AND ODOR	SPECIFIC GRAVITY		
BOILING POINT	API Gravity		
VAPOR PRESSURE	% VOLATILE, BY VOLUME		
	, '		
EVAPORATION RATE	SOLUBILITY IN WATER		



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X	- STABILITY AND REACTIVITY	
STABILITY	CONDITIONS TO AVOID	
INCOMPATIBILITY (Materials to avoid)		
HAZARDOUS DECOMPOSITION PRODUC	ICTS	
XI – I Exposure Routes:	TOXICOLOGICAL INFORMATION	
Target Organs:		
Acute Effect:		
Chronic Effect/Carcinogenicity:		
XII	- ECOLOGICAL INFORMATION	
XIII	I – DISPOSAL CONSIDERATIONS	
WASTE DISPOSAL METHOD	1 BIOL COLLEGE TO LOND EN ALLIGATION	
Vn	TO A NICHORT INTEGRAL A TION	
PROPER SHIPPING NAME	IV - TRANSPORT INFORMATION	
DOT HAZARD CLASSIFICATION		
PLACARDREQUIRED		
LABEL REQUIRED		
	- REGULATORY INFORMATION	
CLEAN WATER ACT (OIL SPILLS)		
SARA 311 CATEGORIES		



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### XVI - OTHER INFORMATION

ACGIH: American Conference of Governmental Industrial Hygienists

CFR: US Code of Federal Regulations

IARC: International Agency for Research on Cancer

NIOSH: National Institute for Occupational Safety and Health, US Department of Health and Human Services

NTP: National Toxicology Program

OSHA: Occupational Safety and Health Administration, US Department of Labor

PEL: Permissible Exposure Limit

SARA Title III: Title III of the Superfund Amendments and Reauthorization Act, 1986

TLV: Threshold Limit Value

TWA: Time-weighted Average

### FOR FURTHER INFORMATION CONTACT:

HSEQ Department, OGDCL House, Blue Area, Islamabad, Pakistan.

Disclaimer: OGDCL assumes no responsibility for injury or death to any person or persons caused by the product if reasonable safety procedures or conditions are not met as stated within the PSDS. We also assume no responsibility for injury or death to any person or persons caused by abnormal use of this product or mixing of this product even if reasonable safety precautions were followed. Furthermore, all third person parties assume the risk in their use of this product. The information contained herein is based on the information at the indicated date of preparation with best available knowledge.

OGF/XXX-HSE-011(00)

Prepared By	Reviewed By	Approved By
Signature	Signature	Signature
Field I/C Laboratory	Field I/C HSEQ	Field / Plant Manager