

MITASU OIL CORPORATION

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MATERIAL SAFETY DATA SHEET

_		ICATIO	N AN	D CC)MP/	ANY						
	Jacua Data	PRODUCT IDENTIFICATION AND COMPANY										
	Issue Date	01.0	01.01.2020									
	Validity Period	3 уе	3 years									
	Product Name	МІТ	MITASU MOTOR OIL SL/CF 20W-50 Synthetic Blended									
	Product Code	MJ-	MJ-126									
		Mitasu Oil Corporation										
	Producer	Tel:	1-2-9, Nishi Shimbashi, Minato-Ku,Tokyo, 105-0003, Japan Tel: +81-3-5532-8187. Fax: +81-3-5532-8188 E-mail: info@mitasuoil.co.jp									
_	COMPOSITION											
2.												
	Base Oil Content	70	-	85	%							
	Additives Content	15	-	30	%							
3.	HAZARDS IDENTIFICATION											
	Human Health	Product is not hazardous.										
	Eye Contact	Slightly irritant.										
	Inhalation	Repeated and prolonged over-exposure to oil mists may cause irritation or discomfort.										
	Ingestion	Mini	Minimal toxicity.									
	Safety Hazards	Not	class	ified a	as fla	ammable but	will burn.					
	Environmental Hazards	Not readily biodegradable.										
4.	FIRST AID											
	Eye Contact	Flush eyes with large amount of water until irritation subsides. If irritation persists, get medical attention.										
	Skin Contact		Flush with large amount of water; use soap if available. Remove contaminated clothing. If irritation persists, get medical attention.									
	Inhalation	Ren	nove	to free	sh ai	r. If rapid rec	overy doe	s not occur, g	get medical attenti	ion.		
	Ingestion	Do i	not in	duce	vomi	iting. If rapid	recovery o	does not occi	ur, get medical att	ention.		

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Flammable Limit	Not classified as flammable but will burn. Hazardous combustion products may include carbon monoxide, oxides of sulphur, and									
	unidentified organic and inorganic compounds.									
Autoignition Temp	>	322	°C							
Specific Hazards	Not classified as flammable but will burn. Hazardous combustion products may include carbon monoxide, oxides of sulphur, and unidentified organic and inorganic compounds.									
Fire Fighting	Use dry chemical, foam or carbon dioxide to extinguish fire. Water may cause splattering or frothing. Use water to cool and protect fire-exposed material. Wear protective equipment during fire fighting.									
ACCIDENTAL RELEAS	SE M	EASU	IRES							
Clean-up Procedure	Stop the source of leak or release and contain spill if possible. Cover spill with generous amount of inert absorbent material such as sand or earth. Sweep up and remove to suitable, clearly marked containers for disposal in accordance with local regulati.									
		-								
HANDLING AND STOP	1									
Handling	Handling temperatures should not exceed 70°C. Wear proper safety protective equipment. Wash hands thoroughly after handling. Water contamination and spillage should be avoided.									
Storage	Storage temperatures should be maintained between 0 to 50°C. Odorous and toxic fumes may be evolved from decomposition of product if stored above the safe temperature.									
EXPOSURE CONTROL	_/PE	RSON	AL P	ROTE	CTION					
Exposure Limits	Threshold Limit Values for oil mist is recommended to be controlled at 5 mg/m3 or lower for exposure of 8 hours daily.									
Ventilation	Exhaust ventilation to keep below exposure limits.									
Eye Protection	Wear safety glasses or face shields if splashing is likely to occur.									
Skin Protection	Avoid repeated and prolonged contact with product. Use oil resistant gloves.									
Respiratory Protection	Not normally required unless in confined space. Use proper protective equipment to avoid contact. Wear PVC apron if splashes are likely to occur.									
Body Protection										
PHYSICAL AND CHEM										
PHYSICAL AND CHEMICAL PROPERTIES This information is based on our current knowledge and is intended to describe the product for the purposes of health, safety and environmental requirements only. It should not be construed as guaranteeing any specific property of the product.										
TEST DESCRIPTION		UN	IT		METHOD		TYPICAL RESULTS			
Appearance		-			Visual		B & C			
Color		-			D 1500		2,5			
		kg	/I		D 4052		0,8930			
Kinematic Viscosity at 40 °C	-				D 445		192,20			
	Autoignition Temp Specific Hazards Fire Fighting ACCIDENTAL RELEAS ACCIDENTAL RELEAS Clean-up Procedure HANDLING AND STOF Handling Storage EXPOSURE CONTROI Storage EXPOSURE CONTROI Exposure Limits Ventilation Exposure Limits Ventilation Exposure Limits Skin Protection Skin Protection Skin Protection Body Protection Body Protection This information is base health, safety and envir property of the product. TEST DESCRIPTION Appearance Color Density at 15 °C Kinematic Viscosity	Flammable Limit product Autoignition Temp > Specific Hazards Incluined Specific Hazards Incluined Fire Fighting Incluined ACCIDENTAL RELEASE Incluined Clean-up Procedure Incluined Clean-up Procedure Incluined HANDLING AND STORE Incluined Handling Incluined Storage Incluined Storage Incluined Exposure Limits Intra Skin Protection Intra PHYSICAL AND CHEENT Intra This information is baser Intra Appearance Intra Color Intra Appearance Intra Color Intra Appearance Intra Color	Flammable Limit products r Autoignition Temp > 322 Specific Hazards Not classi incluce caling constraints incluce caling constraints Fire Fighting Splattering splattering Fire Fighting Stopetrive splattering ACCIDENTAL RELEASE Stopetrive Stopetrive Clean-up Procedure Stopetrive splattering Handling splattering splattering Storage Stopetrive splattering Storage Stopetrive splattering Exposure Limits Stopetrive splattering Stin Protection Stopetrive splattering Skin Protection Splattering splattering Body Protection Splattering splattering Stin information is based splattering splattering This information is based splattering splattering Splattering Splattering splattering Storage Splattering splattering Storage Splattering splattering Storage Splattering splattering	Flammable Limit protucts may in unidentified or gradientified	Flammable Limit products may include number include carses include as flam include carses inclu	Flammable Limit products may include carbon monoxiunidentified organic collation Autoignition Temp > 322 °C Specific Hazards Not classified as flammable but will binclude carbon monoxide, oxides of sinorganic compounds. Specific Hazards Not classified as flammable but will binclude carbon monoxide, oxides of sinorganic compounds. Fire Fighting Use dry chemical, foam or carbon did splattering or frothing. Use water to compounds. Specific Hazards ACCIDENTAL RELEX Stop the source of leak or release an generous amount of inert absorbent remove to suitable. Inert absorbent remove to suitable. ACCIDENTAL RELEX Handling Inert absorbent remove to suitable. Inert absorbent remove to suitable. HANDLING AND STORE Storage Storage temperatures should not exequipment. Handling Storage temperatures should be main toxic furmes may be evolved from ded safe temperature. Storage Storage Storage temperature. Storage temperature. Storage temperature. Exposure Limits Threshold Limit Values for oil mist is lower for exposure of 8 hours daily. Storage site temperature. Storage site temperature. Storage Storage temperature. Storage site temperature. Storage site temperature. Storage site temperature. Storage Sto	Flammable Limit products may include carbon monoxide, or unidentified organic compound on the products may include carbon monoxide, or unidentified organic compounds. Autoignition Temp > 322 °C Specific Hazards Not classified as flammable but will burn. Hinclude carbon monoxide, origes of sulphu inorganic compounds. Specific Hazards Not classified as flammable but will burn. Hinclude carbon monoxide, origes of sulphu inorganic compounds. Fire Fighting Use dry chemical, foam or carbon dioxide f protective equipment during fire fighting. Image: Temp Image: Temp Image: Temp Image: Temp Image: Temp ACCIDENTAL RELEAS Image: Temp Image: Temp Image: Temp Image: Temp Clean-up Procedure Stop tres or substop in retained contain regulation transformer to suitable. clearly marked contain regulation transformer to suitable. clearly m	Flammable Limit products may include carbon monoxide, oxides of sulphur, and unidentified organic and inorganic compounds. 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Exposure Limits Threshold Limit Values for oil mist is recommended to be controlled at 5 lower for exposer or should not exceed and prolonged contact with product. Use oil resistant glo Respiratory Protection Not normally required unless in confined space. Budy Protection Use proper protective equipment to avoid coscribe the product for the half, safety and environmen		

	Kinematic Viscosity at 100 °C		cSt	D 445	2	0,50						
	Viscosity Index		-	D 2270		124						
	Total Base Number	mę	gKOH/g	D 2896	6	5,50						
	Flash Point, COC		°C	D 92		232						
	Pour Point		°C	D 97		-18						
	ccs		сР	D 5293	7	687						
10.	STABILITY AND REACTIVITY											
	Stability Product is stable under normal use conditions.											
	Thermal Decomposition	Carbon monoxide, carbon dioxide, oxides of sulphur and nitrogen and organic and inorganic compound may evolve when subject to heat or combustion.										
	Hazardous Polymerisation	Will not occur under normal conditions.										
	Incompatible Materials	Strong oxidizing agents. Strong acids										
11.												
	Basis	No toxicological data is available for this product. Information is provided based on the additives, other components and base stock used.										
	Acute Exposure Oral	LD 50 expected to be above 2000 mg/kg										
	Acute Exposure Skin	LD 50 expected to be above 2000 mg/kg										
	Inhalation	Repeated or prolonged exposure to oil mists may cause irritation.										
	Eye Irritation	Slightly irritant.										
	Skin Irritation	Not a skin irritant unless repeated or prolonged contact.										
	Respiratory Irritation	Slight irritant.										
	Carcinogenicity	No data to suggest that product is carcinogenic.										
	Mutagenicity	No data to suggest that product is mutagenic.										
	Other Information	Brief contact with used oil is not expected to have serious effect in humans if the oil is removed thoroughly by washing with soap and water.										
		use. Th	he concentr health and	may contain harmful ration of such impuri I the environment or	ties will depend on	use and they p	present					
		use. Th risks to	he concentr health and	ation of such impuri	ties will depend on	use and they p	present					
12.	ECOLOGICAL INFOR	use. Th risks to with ca	he concentro health and ution.	ation of such impuri	ties will depend on	use and they p	present					

	Mobility	Liquid under most environmental conditions. Floats on water. It is absorbed by soil and will not be mobile.										
	Persistence/ Degradability	Not readily biodegradable. Major constituents are expected to be inherently biodegradable, but the product contains components that may persist in the environment.										
	Bioaccumulation	Has the	potential	to bioaccumulate.								
	Ecotoxicity	Poor soluble mixture. Practically non-toxic to aquatic organisms. May cause physical fouling of aquatic organisms.										
13.	DISPOSAL CONSIDE	DISPOSAL CONSIDERATION										
	Product Disposal	Used or waste oil should be recycled or disposed off in conformity to local disposal regulations. Contact local authorities for approved disposal contractor. Empty drums should be completely drained and sent to a drum reconditioner or properly disposed of. Non-reusable small containers should be recycled or disposed of. Ensure conformity to local disposal regulations.										
	Container Disposal											
14.	14. TRANSPORT INFORMATION General Information Not dangerous for conveyance under UN, IMO, ADR/RID and IATA/ICAO codes.											
15.	REGULATORY INFO	EGULATORY INFORMATION										
	Not Applicable.											
16.	OTHER INFORMATIC	TION										
	hereof. Since the info with which we may suggest modification This information is f determination of the express or implied o	The above information is based on data of which we are aware and is believed to be correct as of the date bereof. Since the information contained herein may be applied under conditions beyond our control and with which we may be unfamiliar and since data made available subsequent to the date hereof may uggest modifications of the information, we do not assume any responsibility for the results of its use. This information is furnished upon the condition that the person receiving it shall make his own letermination of the suitability of the material for his particular purpose. Therefore, no warranty either express or implied of merchantability or fitness for particular purpose is made with respect to the product or the information contained herein.										