

## **MASUTA OIL CORPORATION**

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## MATERIAL SAFETY DATA SHEET

1.	PRODUCT IDENTIFICATION AND COMPANY									
	Issue Date	01.01.2023 3 years MASUTA HYBRID MOLY-TRIMER SM 0W-20 100% Synthetic MJ-M02								
	Validity Period									
	Product Name									
	Product Code									
		MAS	MASUTA Oil Corporation							
	Producer	9-1 MEIZAN-CHO, Kagoshima City, 892-0821, Japan. Tel: +81-3-5532-8187. Fax: +81-3-5532-8188 E-mail: info@masutaoil.com								
^	COMPOSITION									
2.	COMPOSITION									
	Base Oil Content	75	-	9	%					
	Additives Content	10	-	0	%					
				2						
3.	HAZARDS IDENTIFICATION 5									
	Human Health	Product is not hazardous.								
	Eye Contact	Not classified as flammable but will burn.								
	Inhalation Ingestion									
	Safety Hazards									
	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.Flush with large amount of water; use soap if available. Remove contaminated clothing. If irritation persists, get medical attention.Remove to fresh air. If rapid recovery does not occur, get medical attention.						persists,		
	Skin Contact							ated		
	Inhalation							า.		
	Ingestion	Do not induce vomiting. If rapid recovery does not occur, get medical attention.							ntion.	
5.	FIRE SAFETY									

	Flash Point	> 209 °C							
	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	> 304 °C							
	Specific Hazards		noxide, oxides of sulp	n. Hazardous combustion produc hur, and unidentified organic an					
	Fire Fighting	splattering or froth		e to extinguish fire. Water may c and protect fire-exposed mater					
j.	ACCIDENTAL RELEASE MEASURES								
	Clean-up Procedure	generous amount o	of inert absorbent ma	ontain spill if possible. Cover spil erial such as sand or earth. Swe ainers for disposal in accordance	ep up and				
7.	HANDLING AND STOP								
Handling temperatures should not exceed 70°C. Wear proper safety protHandlingequipment. Wash hands thoroughly after handling. Water contaminationspillage 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.							
8.	EXPOSURE CONTROL/PERSONAL PROTECTION								
	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	l prolonged contact w	ith product. Use oil resistant glo	oves.				
Respiratory ProtectionNot normally required unless in confined space.									
Body Protection         Use proper protective equipment to avoid contact. Wear PVC apron if splash are likely to occur.									
9.	PHYSICAL AND CHEMICAL PROPERTIES								
		ronmental requireme	-	ed to describe the product for t to the construed as guaranteeing					
	TEST DESCRIPTION	UNI	METHOD	TYPICAL RESULTS					
	Appearance	Т	Visual	B & C					
	Color	-	D 1500	<2,5					
	Density at 15 °C	-	D 4052	0,8504					
	Kinematic Viscosity	kg/l	D 445	42,42					

	Kinematic Viscosity	cSt	D 445	8,24					
	at 100 °C								
	Viscosity Index	-	D 2270	173					
	Total Base Number	mgKOH/g	D 2896	7,50					
	Flash Point, COC	°C	D 92	214					
	Pour Point	°C	D 97	-42					
	ccs	сР	D 5293	4098					
10.	STABILITY AND REACTIVITY								
	Stability	Product is stable ur	nder normal use cor	nditions.					
	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 unde	r normal conditions	i.					
	Incompatible MaterialsStrong oxidizing agents. Strong acids								
11.	TOXICOLOGICAL INF								
	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         LD 50 expected to be above 2000 mg/kg         Repeated or prolonged exposure to oil mists may cause irritation.         Slightly irritant.							
	Acute Exposure Skin								
	Inhalation								
	Eye Irritation								
	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 hur oil is removed thoroughly by washing with soap and water.									
		Used engine oils may contain harmful impurities that have accumulated during use. The concentration of such impurities will depend on use and they present risks to health and the environment on disposal. All used oils should be handled with caution.							
12.	ECOLOGICAL INFORM								
	Basis	No ecological data the additives, other		product. Information is provid ase stock used.	ed based on				

	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 CONSIDER	ATION								
	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.								
	Container Disposal	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.								
14.	TRANSPORT INFORM	1ATION								
	General Information	Not dangerous for conveyance under UN, IMO, ADR/RID and IATA/ICAO codes.								
15.	REGULATORY INFOR	MATION								
	Not Applicable.									
16.	OTHER INFORMATIO	)N								
	The above information is based on data of which we are aware and is believed to be correct as of the date hereof. 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 suggest 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 determination 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.									