

MASUTA OIL CORPORATION

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MATERIAL SAFETY DATA SHEET

1.	PRODUCT IDENTIFIC	ODUCT IDENTIFICATION AND COMPANY									
	Issue Date	01.0	01.01.2023								
	Validity Period	3 yea	3 years								
	Product Name	MAS	MASUTA ATF II H Synthetic Blended								
	Product Code	ATF	ATF DEX II								
		MMA	MMASUTA Oil Corporation								
	Producer	Tel:	9-1 MEIZAN-CHO, Kagoshima City, 892-0821, Japan. Tel: +81-3-5532-8187. Fax: +81-3-5532-8188 E-mail: info@masutaoil.com								
2.	COMPOSITION										
	Base Oil Content	82	_	92	%						
	Additives Content	8	-	18	%						
3.	HAZARDS IDENTIFICATION										
	Human Health	Product is not hazardous.									
	Eye Contact Inhalation	Sligh	Slightly irritant.								
	Ingestion	Repeated and protonged over-exposure to oit mists may cause initiation of						tion or			
Safety Hazards Minimal toxicity.											
	Environmental	Not	Not classified as flammable but will burn.								
	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.						ists,			
	Skin Contact Flush with large amount of water; use soap if available. Remove contaminated clothing. If irritation persists, get medical attention.						taminated				
	Inhalation	Rem	ove to	fresh	air. I	f rapid recovery	does not	occur, get medical at	tention.		
	Ingestion	stion Do not induce vomiting. If rapid recovery does not occur, get medical attention.									
5.	FIRE SAFETY										

	Flash Point	> 213 °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	> 310 °C									
	Specific Hazards		<u> </u>								
	Fire Fighting	Use dry chemical, foam or carbon dioxide to extinguish fire. Water may caus splattering or frothing. Use water to cool and protect fire-exposed material protective equipment during fire fighting.									
6.	ACCIDENTAL RELEASE MEASURES										
	Clean-up Procedure	generous amount o	of inert absorbent materi	ain spill if possible. Cover spill w al such as sand or earth. Sweep ers for disposal in accordance w	up and						
7.	HANDLING AND STOR	AGE									
	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.									
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	d prolonged contact with	product. Use oil resistant gloves	5.						
	Respiratory ProtectionNot normally required unless in confined space.										
	nespiratory i rotectionii	1 1									
	Body Protection Use proper protective equipment to avoid contact. Wear PVC apron if splashes are likely to occur.										
9.	PHYSICAL AND CHEMICAL PROPERTIES										
		used on our current knowledge and is intended to describe the product for the purposes of vironmental requirements only. It should not be construed as guaranteeing any specific ct.									
	TEST DESCRIPTION	UNIT	METHOD	TYPICAL RESULTS							
	Color	-	Visual	Red							
	Density at 15 °C	kg/	D 4052 D 445	0,8571 36,06							
	Kinomatic Viceocity										
	Kinematic Viscosity at 40 °C Kinematic Viscosity	cSt	D 445								

	Viscosity Index		-		D 2270		163			
	,									
	Flash Point, COC		°C		D 92		218			
	Pour Point		°C		D 97		-45			
10.	STABILITY AND REAC	TIVITY								
	Stability	Prod	uct is stable	und	er normal use condi	ions.				
	Thermal Decomposition						lphur and nitrogen and organic ject to heat or combustion.			
	Hazardous Polymerisation	Will r	not occur ur	ıder r	normal conditions.					
	Incompatible Materials	Strong	oxidizing ag	ents.	Strong acids					
11.	TOXICOLOGICAL INFO	RMATI	ON							
	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	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.								
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 INFORMATION										
Basis No ecological data is available for this product. Information is provided basis							on			
		the additives, other components and base stock used. Liquid under most environmental conditions. Floats on water. It								
	Mobility	is absorbed by soil and will not be mobile.								
	Dawistans /	Not r	eadily biode	grad	lable. Major constitu	ents	are expected to be inherently			
	Persistence/ Degradability		biodegradable, but the product contains components that may persist in the							
	environment.									

	Bioaccumulation	accumulation 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 INFORMA	SPORT INFORMATION								
	General Information	Not dangerous for conveyance under UN, IMO, ADR/RID and IATA/ICAO codes.								
15.	REGULATORY INFORMATION Not Applicable.									
16.	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.									