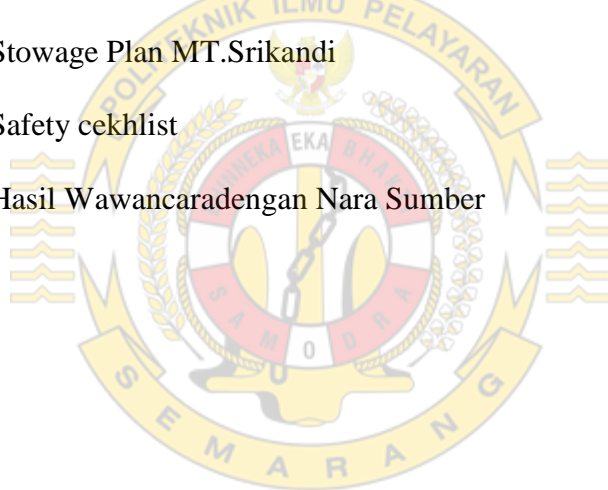


## DAFTAR LAMPIRAN

- Lampiran 1 : Ship Particular MT. Srikandi
- Lampiran 2 : Crew List MT. Srikandi
- Lampiran 3 : Abstract log
- Lampiran 3 : MSDS JET-A1 Aviation Turbin Fuel Oil
- Lampiran 4 : Tanker Time Sheet MT. Srikandi
- Lampiran 5 : Stowage Plan MT.Srikandi
- Lampiran 6 : Safety cekhlist
- Lampiran 7 : Hasil Wawancaradengan Nara Sumber





PT. PELAYARAN PARNARAYA NUSANTARA

### DAFTAR ANAK BUAH KAPAL

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NO	NAMA	RANK	GRADE	ISSUED	NO. CERTIFICATE	SEAMAN BOOK			DATE
						NO. TOR	EXPIRE	AGREEMENT	
1	SM HUTAPEA	Master	ANT I	29082008	6200032400N0208	Y 016351	19072018	PK. 305/160/02/KSOP-BNA-2016	23042016
2	AGUS SETYAWAN	Chief Officer	ANT II	21102008	6200136273N20708	W 068151	14102016	PK. 305/160/03/KSOP-BNA-2016	23042016
3	FADHLI NASRULLAH	2nd Officer	ANT II	23102013	6200171120N20113	C065201	15052017	PK. 305/263/13/KSOP-BNA-2015	13102015
4	V E P R I	3rd Officer	ANT III	05112015	6201656641N20115	8059473	10072018	PK. 305/97/18/KSOP-BNA-2016	13032016
5	JAMALUDDIN	Chief Engineer	ATT II	02112007	6200742491T20207	X 029616	14042017	PK. 305/280/09/KSOP-BNA-2015	05112015
6	HEDRA CIPTO	2nd Engineer	ATT II	04062013	6200421221T20313	Y 088643	23112016	PK. 305/280/06/KSOP-BNA-2015	05112015
7	ERYZOND L.B.GAOL	3rd Engineer	ATT III	02072014	6201926653T30314	Y 088001	11112016	PK. 305/263/12/KSOP-BNA-2015	13102015
8	AGUS RAHMAT W.	4th Engineer	ATT III	03072014	6201926653T30314	C 077021	19082017	PK. 305/263/11/KSOP-BNA-2015	13102015
9	MOHAMMAD ZAINI	Pumpman	ANT D	10092002	6200511292N60302	W 061939	24082016	PK. 305/280/10/KSOP-BNA-2015	05112015
10	JEDI SUPOPO	A/B	ANT D	20022007	6200113629N60307	X 009489	22042017	PK. 305/280/12/KSOP-BNA-2015	05112015
11	EKO SUCIPTO	A/B	ANT D	23052003	6200501211N60102	Y 079199	02122016	PK. 305/280/11/KSOP-BNA-2015	05112015
12	M SYAKBAN	A/B	ANT D	30082001	6200067103N60101	B 000689	19092017	PK. 305/280/08/KSOP-BNA-2015	05112015
13	CASMAN	Sailor	N/W	14092015	621140475730270	D 028398	02122017	PK. 305/166/01/KSOP-BNA-2016	23042016
14	JEDI WAHYUDI	Oiler	ANT D	01022010	6200398671T60710	W 070847	07102016	PK. 305/263/10/KSOP-BNA-2015	13102015
15	MOH SYAMSUL ARIF	Oiler	ANT D	19072002	6200506201T60102	B 049956	22072016	PK. 305/263/9/KSOP-BNA-2015	13102015
17	LINDA PAKKA	Chief Cook	ANT D	08102002	6200474488N60407	C009275	22012017	PK. 305/263/8/KSOP-BNA-2015	13102015
18	ABDUL ROHIM	Messboy	ANT D	30102006	6200136461010500	D 041136	21042018	PK. 305/280/07/KSOP-BNA-2015	05112015
19	ABID GANI SUBANDI	Deck Cadet	BST	22042015	6211352010101315	D 075002	26052018	PK. 085/PKL/24/17/KSOP-APN-2013	17112015
20	BAYU DWI PRASETYA	Eng. Cadet	BST	14012015	6201661324012410	E 028151	29102018	PK. 305/143/03/KSOP-BNA-2016	13042016

MENGETAHUI :

On board MT SriKandi : 12.05.2016

Homid Kami



*[Handwritten signatures]*



# MSDS

Material Safety Data Sheet

## JET A-1 AVIATION TURBINE FUEL

004/MSDS/HSE RU V/2011



Iritasi



Beracun



Mudah Terbakar

### 1. PRODUK KIMIA / IDENTIFIKASI PERUSAHAAN

- a. Nama Produk : Jet A-1 Aviation Turbine Fuel
- b. Nama Dagang/Sinonim : Avtur
- c. Kode MSDS : AVT-001-UP5
- d. Nomer CAS : 8008-20-6
- e. Tanggal : 1 Juni 2003
- f. Manufaktur : PT PERTAMINA (Persero) UP V  
Balikpapan Refinery, Indonesia  
Jl. Yos Sudarso No. 1, Balikpapan 76111, Kaltim  
Telp : 62-542-514022 – Fax : 62-542-514252
- g. Distributor : PT PERTAMINA (Persero)  
Marketing Unit Balikpapan, Indonesia  
Jl. Yos Sudarso No. 148, Balikpapan 76111, Kaltim  
Telp : 62-542-524550 – Fax : 62-542-738219
- h. Informasi Produk : PT PERTAMINA (Persero) UP V  
Marketing Unit Balikpapan, Indonesia  
Jl. Yos Sudarso No. 148, Balikpapan 76111, Kaltim  
Telp : 62-542-524550 – Fax : 62-542-738219
- i. Medical Emergency : 62-542-517474

Revisi : 1

### 2. KOMPOSISI / INFORMASI BAHAN

- a. Komponen : Kerosine
- b. Nomer CAS : 8008-20-6

### 3. IDENTIFIKASI BAHAYA

#### TINJAUAN DARURAT

- a. Wujud/Bau : Tidak berwarna-kuning, cair, berbau seperti hidrokarbon
- b. Tingkat Bahaya (OSHA) : N/A

#### POTENSI EFEK KESEHATAN

Rute Masuk Utama Paparan

- a. Pernafasan : Ya
- b. Kulit : Ya
- c. Pencernaan : Ya

#### BAHAYA KESEHATAN AKUT DAN KRONIS

- a. Iritasi mata dapat terjadi apabila kontak dengan cairan, kabut atau uap bahan. Dalam kasus yang parah, kerusakan mata permanen mungkin terjadi.
- b. Kontak dengan kulit dapat menyebabkan iritasi. Pada kontak berulang atau yang perpanjangan dapat menyebabkan dermatitis, kemerahan dan gatal. Terpapar berulang dapat menyebabkan efek yang membahayakan pada bagian lain dari tubuh.
- c. Bahan ini dapat mengiritasi mulut, tenggorokan dan perut. Tertelan ke paru-paru dapat menyebabkan pneumonia kimia. Gejalanya termasuk sensasi terbakar pada mulut, mual dan muntah. Dalam kasus yang parah kehilangan kesadaran mungkin terjadi.

#### INFORMASI KARSINOGENIK

Campuran produk ini mengandung unsur karsinogenik pada konsentrasi 0.1% atau lebih besar.

#### TANDA / GEJALA TERPAPAR BERLEBIH

Uap atau kabut bisa mengganggu hidung, tenggorokan dan paru-paru. Juga dapat menyebabkan kerusakan sistem saraf. Gejala termasuk sakit kepala, mual, kelelahan dan pusing. Dalam kasus yang parah dapat menyebabkan kehilangan kesadaran atau kematian.

DAERAH TERLARANG  
AUTHORIZED PERSON ONLY





**PT PERTAMINA (PERSERO)**

**SHIPPING - MARKETING & TRADING DIRECTORATE**

TANKER OPERATION, PT PERTAMINA (PERSERO) HEAD OFFICE 19th Floor, Jln. Merdeka Timur 1A Jakarta 10110

Phone : (62-21) 3816367, 3816314, 3816339, 3816353, 3816217. Fax : 3455430, 3816348, 3507121 E-mail. opstanter@pertaminashipping.com

**TANKER TIME SHEET**

Vessel Name : MT SRIKANDI  
 Flag : INDONESIA  
 Master : CAPT.SM HUTAPEA  
 GRT : 2,870 MT  
 DWT : 3,582.00

Port of : CILACAP  
 Date : 06.02.16  
 Voy No. : 011/L/SK-I/2016  
 Last Port : BENOA  
 B/L No. :

Next Port : BENOA

ETA : FEB. 09 2016 @at: 2300 Hrs

Draft on	Fwd	Mean	Aft	
Arrival	: 1.45	2.50	3.55	Mtr
Departure	: 5.00	5.15	5.30	Mtr

STATEMENT OF ACTIVITY	DATE	HOUR	TOTAL		REMARKS
			PART	TIME	
Actual Time Arrived / EOP / NORT	03.02.16	06.30			
Anchor at Outer Bar	NA	NA	A		Stop loading due to 3 ft cgo sampling 02/05/16 20.48 H
Anchor Up Outer Bar	NA	NA			Resume loading : 02/06/16 / 00.12 H
Pilot On Board (Sea Pilot Arrival)	NA	NA	A		
Pilot Off (Sea Pilot Arrival)	NA	NA			
Pilot On Board (Harbour Pilot Arrival)	05.02.16	13.36			
Pilot Off (Harbour Pilot Arrival)	05.02.16	14.48	B		
Anchor at Inner Anchorage	03.02.16	06.30			
Anchor up Inner Anchorage	05.02.16	13.24	A		
Free Pratique Granted	NA	NA			
NOR Tendered	03.02.16	06.30			
NOR Accepted	05.02.16	17.42	A		
Commenced Mooring / First Line	05.02.16	17.42	A		
All Made Fasted	05.02.16	14.48			
Hose Connected / L/A	05.02.16	15.12	A		
Commenced Ballasting / Deballasting					
Completed Ballasting / Deballasting					
Tanks Inspection	05.02.16	17.12-17.42			
Ullaging & Calculation					
Commenced Loading AVTUR	06.02.16	18.12	A		
Completed Loading AVTUR	08.02.16	14.00			
Commenced Calculation	06.02.16	17.00-17.54	C		
Completed Loading HSD	NA	NA			
Loading Stop Temporary Due to Shore Request	05.02.16	20.48			
Resumed Loading	06.02.16	00.12			
Hose Disconnected / L/A	06.02.16	14.06			
Ship's Paper & Cargo Document on Board					
Vessel Cast Off / Last Line			A		
Pilot On Board (Harbour Pilot Departure)			A		
Pilot Off (Harbour Pilot Departure)					
Pilot On Board (Sea Pilot Departure)	NA	NA	A		
Pilot Off (Sea Pilot Departure)	NA	NA			
Actual Time Departure / Sailed / RFWA	NA	NA	A		
Flush cargo line with sea water (L/M order) Prem.	NA	NA	C		
Flush cargo line with sea water (L/M order) HSD.	NA	NA	C		

GRADE	SHORE FIGURE (BL / AR)			SHIP FIGURE (AL / BD)		
	AVTUR	HSD		AVTUR	HSD	
KL Obs	4,146.457			4,123.918		
KL 15°C	4,057.334			4,049.102		
Bbls 60°F	25,532.803			25,480.998		
LT	3,152.878			3,220.656		
MT	3,203.279			3,272.347		

TOTAL TIME FOR		SHIP (A) :	AGENT (B) :	SHORE (C) :	PORT TIME	HRS
Explanation of Delay					LAYTIME USED	HRS
From :	To :	:	:		LAYTIME ALLOWED	HRS
From :	To :	:	:		EXCESS TIME	HRS
From :	To :	:	:			HRS



MT/ TT SRIKANDI



<b>1P</b>	<b>AVTUR</b>	GOV 333.775 m <sup>3</sup> NKL 327.608 m <sup>3</sup> BBLs 2061.638 BBLs VCF 0.981524 <b>87.6</b> % 100 % Cap 380.90 m <sup>3</sup>	<b>1S</b>	<b>AVTUR</b>	GOV 333.775 m <sup>3</sup> NKL 327.608 m <sup>3</sup> BBLs 2061.64 BBLs VCF 0.981524 <b>87.6</b> % 100 % Cap 380.90 m <sup>3</sup>
<b>2P</b>	<b>AVTUR</b>	GOV 368.681 m <sup>3</sup> NKL 361.869 m <sup>3</sup> BBLs 2277.24 BBLs VCF 0.981524 <b>90.3</b> % 100 % Cap 408.30 m <sup>3</sup>	<b>2S</b>	<b>AVTUR</b>	GOV 368.681 m <sup>3</sup> NKL 361.869 m <sup>3</sup> BBLs 2277.24 BBLs VCF 0.981524 <b>90.3</b> % 100 % Cap 408.30 m <sup>3</sup>
<b>3P</b>	<b>AVTUR</b>	GOV 374.881 m <sup>3</sup> NKL 367.955 m <sup>3</sup> BBLs 2315.54 BBLs VCF 0.981524 <b>90.3</b> % 100 % Cap 415.20 m <sup>3</sup>	<b>3S</b>	<b>AVTUR</b>	GOV 374.881 m <sup>3</sup> NKL 367.955 m <sup>3</sup> BBLs 2315.54 BBLs VCF 0.981524 <b>90.3</b> % 100 % Cap 415.20 m <sup>3</sup>
<b>4P</b>	<b>AVTUR</b>	GOV 356.367 m <sup>3</sup> NKL 349.783 m <sup>3</sup> BBLs 2201.18 BBLs VCF 0.981524 <b>87.2</b> % 100 % Cap 408.80 m <sup>3</sup>	<b>4S</b>	<b>AVTUR</b>	GOV 356.367 m <sup>3</sup> NKL 349.783 m <sup>3</sup> BBLs 2201.18 BBLs VCF 0.981524 <b>87.2</b> % 100 % Cap 408.80 m <sup>3</sup>
<b>5P</b>	<b>AVTUR</b>	GOV 367.034 m <sup>3</sup> NKL 360.253 m <sup>3</sup> BBLs 2267.07 BBLs VCF 0.981524 <b>88.4</b> % 100 % Cap 415.20 m <sup>3</sup>	<b>5S</b>	<b>AVTUR</b>	GOV 367.034 m <sup>3</sup> NKL 360.253 m <sup>3</sup> BBLs 2267.07 BBLs VCF 0.981524 <b>88.4</b> % 100 % Cap 415.20 m <sup>3</sup>
<b>6P</b>	<b>AVTUR</b>	GOV 249.468 m <sup>3</sup> NKL 244.859 m <sup>3</sup> BBLs 1540.897 BBLs VCF 0.981524 <b>77.0</b> % 100 % Cap 323.90 m <sup>3</sup>	<b>6S</b>	<b>AVTUR</b>	GOV 249.468 m <sup>3</sup> NKL 244.859 m <sup>3</sup> BBLs 1540.897 BBLs VCF 0.981524 <b>77.0</b> % 100 % Cap 323.90 m <sup>3</sup>
<b>SLOP ( P )</b>		<b>EMPTY</b>	<b>SLOP ( S )</b>		<b>EMPTY</b>
CBM		m <sup>3</sup>	CBM		m <sup>3</sup>
100 % Cap		81.00 m <sup>3</sup>	100 % Cap		81.00 m <sup>3</sup>

Ship's Name : MT. DEWA YANI  
Call Sign : PMVT  
IMO Number : 9203083  
Official Number : 389665  
Port Of Registry : JAKARTA  
Flag : INDONESIA  
Owner : PT. RUBY MARITIME  
Ship Type : WHITE OIL TANKER  
L O A : 89.65 mtr  
LBP : 85.0 mtr  
Breadth : 15.00 mtr  
Depth : 7.20 mtr  
Summer Draft : 5.00 mtr  
Summer Displ : 5176.3 T  
Summer DWT : 3560.8 T  
Tropical Draft : 5.104 mtr  
Tropical Displ : 5296.8 T  
Tropical DWT : 3681.3 T  
GRT : 2760.0 T  
NRT : 1116.0 T  
TPC : 10.50 T  
FWA : 112 mm  
COT Coating : EPOXY  
Dia main cargo line : 8 INCH  
COP Capacity : 250 M3 / HR  
Stripping Pump : 45 / 40 M3 / HR  
Ballast Pump Cap : 150 M3/HR

**TANK CLEANING METHOD :**

- 1 DRAINING OF TANK, LINE AND PUMP
- 2 DRYING AND MOPPING

LAST THREE (3) CARGO			
COT	1st	2nd	3rd
1P	AVTUR	AVTUR	AVTUR
1S	AVTUR	AVTUR	AVTUR
2P	AVTUR	AVTUR	AVTUR
2S	AVTUR	AVTUR	AVTUR
3P	AVTUR	AVTUR	AVTUR
3S	AVTUR	AVTUR	AVTUR
4P	AVTUR	AVTUR	AVTUR
4S	AVTUR	AVTUR	AVTUR
5P	AVTUR	AVTUR	AVTUR
5S	AVTUR	AVTUR	AVTUR
6P	AVTUR	AVTUR	AVTUR
6S	AVTUR	AVTUR	AVTUR

NO.	CARGO	LOAD PORT	DISCH PORT	STOWAGE	QUANTITY INTAKE	LOAD PORT		DISCH PORT	
						ARR	DEP	ARR	DEP
1	AVTUR	CILACAP	PLAJU	1W,2W,3W	4100.000 KL				
2				4W,5W,6W		1.5	4.5	4.7	5.4
3									
TOTAL CARGO					4100.000 KL				

Prepared by

Acknowledged by

YOPI TAPPY  
PREPARED BY: CHIEF OFFICER

CAPT. BASYARUDIN  
ACKNOWLEDGE BY: MASTER