

United States of America Department of Homeland Security United States Coast Guard

Certification Date: 27 Jul 2023 Expiration Date: 27 Jul 2028

Certificate of Inspection

Freehier to International American this conflicate fulfile the recomments of SOLAS 74 as amended, regulation V/14, for a SAFE MARKING DOCUMENT.

Vessel Name		Official Nu	mber	MO Numi	ph/	Call Sign	Service	
HTCO 3097		124450					Tank Ba	rge
Halling Port			us Material	Horse	spayer	Propulsion		
HOUSTON,	TX		Steel					
UNITED STA	ATES							
Place Buill		Delivi	ary Data	Keel Laid Date	Gross Tons	Net Tons	DWT	Langth R-297.5
Madisonville,	LA	26/	Apr2013	01Apr2013	R-1619	R-1619		10
UNITED STA	ATES							
55 WAUGH I HOUSTON, T UNITED STA	TES			183 CH/ UN	BY INLAND 50 MARKE ANNELVIE TED STAT	W, TX 77530 ES		
This vessel m	nust be manne feboatmen, 0	ed with the following Certified Tankerme	licensed on, 0 HSC	and unlicens Type Rating	-		which there r	nust be
0 Masters		O Licensed Mates	D Chie	i Engineers	0	Oilers		
0 Chief Mate		0 First Class Pilots	The Part of the Pa	Assistant Engine and Assistant En				
0 Second Ma		0 Radio Officers		ing Assistant Engli				
0 Third Mate		Ordinary Seamen		nsed Engineers				
0 Master First		a marth and a	O Ous	Had Member En	gineer			
	Jasa Filos	carry 0 Passenger	rs, 0 Other	er Persons in	crew, 0 Per	sons in addition	n to crew, an	d no Others. Total
In addition, th Persons allov	ved: 0							
Route Perri-Lakes, Also, in failerrabelle, this vessel 2). If this	wed: 0 nitted And Co Bays, and ir weather of Florida. has been gra vessel is c	Sounds nly, limited coas	stwise, ter serv water m	ice examina ore than si vals per 46	an twelve	(12) miles f	rom shore be	otween St. Marks and CFR 31.10-21(and period, the zant OCMI must be
Route Perro-Lakes, laso, in fai carrabelle, this vessel 2). If this essel must outified in	wed: 0 Bays, and ir weather of Florida. has been green vessel is to be inspected writing as s	Sounds— nly, limited coase anted a fresh wat operated in salt d using salt wate soon as this chair	ter serv water m er inter nge in s	rice examina wore than si- vals per 46 tatus occur	tion interx (6) mont CFR 31.10	(12) miles f val in accor hs in any tw -21(a)(1) an	dance with celve (12) med the cogni	16 CFR 31.10-21{a onth period, the zant OCMI must be
n addition, the Persons allow Route Perm Lakes, lso, in fair arrabelle, his vessel 2). If this essel must ottified in	has been graves be inspected writing as section for Cerouston-Galves	Sounds— nly, limited coase anted a fresh water a fresh water a salt water as the coase and a salt water as the characteristic of the coase as the coase as the characteristic of the coase as the characteristic of the coase as	ter serv water mer inter nge in s	rice examina wore than si- vals per 46 tatus occur	tion interx (6) mont CFR 31.10	(12) miles f val in accor hs in any tw -21(a)(1) ar	dance with welve (12) med the cogni	16 CFR 31.10-21(a)
n addition, the Persons allow Route Perm Lakes, lso, in fair arrabelle, his vessel 2). If this essel must ottified in	wed: 0 Bays, and Ir weather of Florida. has been grate be inspected writing as section for Cerpuston-Galves regulations of	Sounds— nly, limited coase anted a fresh water during salt water soon as this characteristics and the ston certified the verseribed thereund	ter serv water mer inter nge in s CERTIF	rice examina wore than si- vals per 46 tatus occur	an twelve tion inter x (6) mont CFR 31.10 s.	(12) miles for the in according to the interval in according to the interval interva	dance with the telve (12) mind the cognition of the cogni	on the period, the zant OCMI must be er in Charge, Marin sel inspection laws
n addition, the Persons allow Route Perm Lakes, also, in fair arrabelle, this vessel 2). If this essel must outified in the SEE NEX (7th this Inspection, Hotel e rules and respection, Hotel rules and rules	wed: 0 Bays, and Ir weather of Florida. has been grate be inspected writing as section for Cerpuston-Galves regulations of	Sounds— anted a fresh wat operated in salt dusing salt water soon as this chair distribution having better certified the version distribution certified the version certified the version certified the version distribution certified the version certified the version distribution certified the version certified the version distribution certified the version distribution certified the version distribution certified the version certified certified certified the version certified certif	ter serv water m er inter nge in s CERTIF een comp essel, in ter. on	ice examina fore than strivals per 46 tratus occur ICATE INFO	on twelve tion inter (6) mont CFR 31.10 CFR 31.10 CFR 31.10 This certi	(12) miles for all in according to the interval interval in according to the interval interva	dance with elve (12) med the cognition of the cognition o	on the period, the zant OCMI must be er in Charge, Marin sel inspection laws
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United States of America Department of Homeland Security United States Coast Guard

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Certificate of Inspection

Vessel Name: HTCO 3097

This tank barge is participating in the Eighth and Ninth Coast Guard District's Tank Barge Streamlined Inspection Program (TBSIP). Inspection activities aboard this barge shall be conducted in accordance with its Tank Barge Action Plan (TAP). Inspection issues concerning this barge should be directed to OCMI - Sector Houston-Galveston.

---Hull Exams---

 Exam Type
 Next Exam
 Last Exam
 Prior Exam

 DryDock
 31Jul2033
 07Jul2023
 19Apr2013

 Internal Structure
 30Jun2028
 30Jun2023
 20Jun2018

--- Liquid/Gas/Solid Cargo Authority/Conditions ---

Authorization: GRADE A AND LOWER AND SPECIFIED HAZARDOUS CARGOES

Total Capacity Units Highest Grade Type Part151 Regulated Part153 Regulated Part154 Regulated

29069 Barrels A Yes No No

Hazardous Bulk Solids Authority

Not Authorized

Loading Constraints - Structural

Tank Number	Max Cargo Weight per Tank (short tons)	Maximum Density (lbs/gal)
1 P/S	835	13.6
2 P/S	848	13.6
3 P/S	769	13.6

Loading Constraints - Stability

Hull Type	Maximum Load (short tons)	Maximum Draft (ft/in)	Max Density (lbs/gal)	Route Description
#	4669	11ft 9in	13.60	R, LBS
II	3799	10ft 0in	13.60	R, LBS

Conditions Of Carriage

Only those cargoes named in the vessel's Cargo Authority Attachment (CAA), Serial# C1-1300352 dated 07 February 2013 may be carried, and then only in the tanks indicated. When the vessel is carrying cargoes containing greater than 0.5% benzene, the person in charge is responsible for ensuring the provisions of 46 CFR 197, Subpart C are applied.

Per 46 CFR 150.130, the Person in Charge of the vessel is responsible for ensuring that the compatibility requirements of 46 CFR 150 are met. Cargoes must be checked for compatibility using the figures, tables, and appendices of 46 CFR 150 in conjunction with the compatibility group numbers from the "Compat Group No" column listed in the vessel's CAA.

The maximum design density of cargo which may be filled to the tank top is 8.74lbs/gal. Cargoes with higher densities up to 13.60 lbs/gal, may be carried as slack loads, but shall not exceed the tank weight limits as listed above.

Per 46 CFR 151.10-15(c)(2), the max tank weights reflect uniform (within 5%) loading at the deepest draft allowed. When carrying Subchapter O cargoes at shallower drafts, the barge(s) should always be loaded uniformily.



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Vapor Control Authorization

In accordance with 46 CFR Part 39, excluding part 39.4000, this vessel's vapor collection system has been inspected to the plans approved by MSC Letter #C1-1300352 dated 7 February 2013 updated by MSC Letter #C1-1801781 dated 14 May 2018 and has been found acceptable for the collection of bulk liquid cargo vapors annotated with "Yes" in the CAA's VCS column. The VCS system has been approved with a pressure side of 3 psig P/V valve with Coast Guard Approval 162.017/167/4. The cargo tank top is suitable for a maximum allowable working pressure (MAWP) of 3.50 psig.

In accordance with 46 CFR Part 39.5000, this vessel's VCS has been evaluated and approved for multi-breasted tandem loading with other vessels specifically approved by Marine Safety Center letter Serial No. C1-1600601 dated 18 February 2016.

--- Inspection Status ---

Cargo Tanks

	Internal Exam	ŀ		External Exar	n	
Tank Id	Previous	Last	Next	Previous	Last	Next
1 P/S	26Apr2013	30Jun2023	30Jun2033	20Jun2018	30Jun2023	30Jun2028
2 P/S	26Apr2013	30Jun2023	30Jun2033	20Jun2018	30Jun2023	30Jun2028
3 P/S	26Apr2013	30Jun2023	30Jun2033	20Jun2018	30Jun2023	30Jun2028
			Hydro Test			
Tank Id	Safety Valves	3	Previous	Last	Next	
1 P/S	-		-	-	-	
2 P/S	-		-	-		
3 P/S	-		_	_	_	

--- Conditional Portable Fire Extinguisher Requirements---

Required Only During Transfer of Cargo or Operation of Barge Machinery

--- Fire Fighting Equipment ---

Fire Extinguishers - Hand portable and semi-portable

Quantity Class Type

2 40-B

END



Serial #: (

C1-1300352 07-Feb-13

Certificate of Inspection

Cargo Authority Attachment

Vessel Name: HTCO 3097

Shipyard: Trinity Marine Madisonville

Hull #: 2208-4

Official #: 12244560

46 CFR 151 Tank Group Characteristics

Tank Group Information Cargo Identification			Tanks Cargo			Cargo Enviror Transfer Contro			nmental I	Fire	Special Requirements			-			
Tnk Grp Tanks in Group	Density	Press.	Temp.	Hull Typ	Seg Tank	Туре	Vent	Gauge	Pipe Class	Cont	Tanks	Handling Space	Protection Provided	General	Materials of Construction	Elec Haz	Temp
A #1 P/S; #2 P/S; #3 P/S	13.6	Atmos.	Amb.	11	1ii 2ii	Integral Gravity	PV	Closed	II	G-1	NR	NA	Portable	.50-60, .50-70(a), .50-70(b), .50-73, .50-81(a), .50-	55-1(c), (e), (h), 56- 1(b), (c), (d), (e), (f), (g),	NR	No

Notes: 1. Under Environmental Control, Tanks, NR means that the tank group is suitable only for those cargoes which require no environmental control in the cargo tanks.

List of Authorized Cargoes

Cargo Identificatio	n							Condi	tions of Carriage	age						
							Vapor R	apor Recovery								
Name	Code	Compat Group No	Sub Chapter	Grade	Hull Type	Tank Group	App'd (Y or N)	VCS Category	Special Requirements in 46 CFR 151 General and Mat'ls of	Insp. Period						
Authorized Subchapter O Cargoes)		1	L. L							
Acetonitrile	ATN	37	0	С	III	Α	Yes	3	No	G						
Acrylonitrile	ACN	15 ²	0	С	- 11	Α	Yes	4	.50-70(a), .55-1(e)	G						
Adiponitrile	ADN	37	0	E	11	Α	Yes	1	No	G						
Alkyl(C7-C9) nitrates	AKN	34 2	0	NA	111	Α	No	N/A	.50-81, .50-86	G						
Anthracene oil (Coal tar fraction)	AHO	33	0	NA	11	Α	No	N/A	No	G						
Benzene	BNZ	32	0	С	111	A	Yes	1	.50-60	G						
Benzene or hydrocarbon mixtures (having 10% Benzene or more)	ВНВ	32 2	0	С	111	Α	Yes	1	50-60	G						
Benzene or hydrocarbon mixtures (containing Acetylene and 10% Benzene or more)	ВНА	32 ²	0	С	111	Α	Yes	1	50-60, 56-1(b), (d), (f), (g)	G						
Benzene, Toluene, Xylene mixtures (10% Benzene or more)	BTX	32	0	B/C	Ш	Α	Yes	1	50-60	G						
Butyl acrylate (all isomers)	BAR	14	0	D	111	A	Yes	2	50-70(a), 50-81(a), (b)	G						
Butyl methacrylate	вмн	14	0	D	111	Α	Yes	2	50-70(a). 50-81(a). (b)	G						
Butyraldehyde (all isomers)	BAE	19	0	C	111	Α	Yes	1	.55-1(h)	G						
Camphor oil (light)	CPO	18	0	D	11	Α	No	N/A	No	G						
Carbon tetrachloride	CBT	36	0	NA	111	Α	No	N/A	No	G						
Chemical Oil (refined, containing phenolics)	COD	21	0	E	[]	A	No	N/A	50-73	G						
Chlorobenzene	CRB	36	0	D	111	Α	Yes	1	No	G						
Chloroform	CRF	36	0	NA	111	A	Yes	3	No	G						
Coal tar naphtha solvent	NCT	33	0	D	111	Α	Yes	1	.50-73	G						
Creosote	CCW	21 2	0	E	III	Α	Yes	1	No	G						
Cresols (all isomers)	CRS	21	0	E	111	A	Yes	1	No	G						
Crotonaldehyde	CTA	19 ²	0	C	11	A	Yes	4	.55-1(h)	G						
Crude hydrocarbon feedstock (containing Butyraldehydes and Ethylpropyl acrolein)	CHG		0	С	III	Α	No	N/A	No	G						
Cyclohexanone, Cyclohexanol mixture	CYX	18 ²	0	Ε	111	Α	Yes	1	.56-1 (b)	G						
Cyclopentadiene, Styrene, Benzene mixture	CSB	30	0	D	111	A	Yes	1	.50-60, .56-1(b)	G						
iso-Decyl acrylate	IAI	14	0	E	111	A	Yes	2	50-70(a), 50-81(a), (b), 55-1(c)	G						
1,1-Dichloroethane	DCH	36	0	C	111	A	Yes	1	No	G						
Dichloromethane	DCM	36	0	NA	111	Α	Yes	5	No	G						
1,1-Dichloropropane	DPB	36	0	С	111	A	Yes	3	No	G						
1,2-Dichloropropane	DPP	36	0	С	111	Α	Yes	3	No	G						
1,3-Dichloropropane	DPC	36	0	C	111	Α	Yes	3	No	G						
1,3-Dichloropropene	DPU	15	0	D	11	Α	Yes	4	No	G						

^{2.} Under Environmental Control, Handling Space, NR means that the tank group is suitable only for those cargoes which require no environmental control in the cargo handling space. NA means that the vessel does not have a cargo control space, and this requirement is not applied

^{3.} Under Electrical Hazard Class, NA means that the tank group is suitable only for those cargoes which have no electrical hazard class requirement. NR means that the vessel has no electrical equipment located in a hazardous location.



Dated:

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Vessel Name: HTCO 3097

Official #: 12244560

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Shipyard Trinity Marine Madisonville

Hull #: 2208-4

Cargo Identifica		-		Condi	tions of Carriage					
	Char	Commet					-	ecovery		
Name Dichloropropene, Dichloropropane mixtures	Chem Code DMX	Compat Group No 15	Sub Chapter O	Grade C	Hull Type I	Tank Group A	(Y or N) Yes	VCS Category 1	Special Requirements in 46 CFR 151 General and Matts of No	Insp. Perind
Diethanolamine	DEA	8	0	E	III	A	Yes	1	.55-1(c)	G
Diethylamine	DEN	7	0	С	111	A	Yes	3	.55-1(e)	G
Diethylanetriamine	DET	72	0	E	111	Α	Yes	1	.55-1(c)	G
Diisobutylamine	DBU	7	0	D	III	A	Yes	3	.55-1(c)	G
Disopropanolamine	DIP	8	0	E	(1)	A	Yes	1	.55-1(c)	G
Diisopropylamine	DIA	7	0	C	11	A	Yes	3	.55-1(c)	3
N,N-Dimethylacetamide	DAC	10	0	E	111	A	Yes	3	.56-1(b)	3
Dimethylethanolamine	DMB	8	0	D	111	A	Yes	1	.58-1(b), (c)	G
Dimethylformanide	DMF	10	0	D	111	A	Yes	1	.55-1(e)	G
Di-n-propylamine	DNA	7	o	c	11	A	Yes	3	.55-1(c)	G
Dodecyldimethylamine, Tetradecyldimethylamine mixture	DOT	7	0	E	111	A	No	N/A	.56-1(b)	a
Dodecyl diphenyl ether disulfonate solution	DOS	43	ō	*	<u></u>	A	No	N/A	No.	G
EE Glycol Ether Mixture	EEG	40	o	D	in	Ä	No	N/A	No	6
Ethanolamine	MEA	8	0	E	- <u>;;;</u>	A	Yes	1	.55-1(c)	G
Ethyl acrylate	EAC	14	0	c	111	A	Yes	2	.50-70(a), .50-81(a), (b)	0
Ethylene cyanohydrin	ETC	20	0	E			Yes	1	No	<u> </u>
Ethylenediamine	EDA	7 2	0	D	111		Yes	1	.55-1(e)	6
Ethylene dichloride	EDC	36 2	0	C	## ##	^	Yes		No	G
Ethylene glycol hexyl ether	EGH	40	0	E	111		No		No	G
Ethylene glycol monoalkyl ethers	EGC	40	0	D/E	- 111 			N/A	No	G
Ethylene glycol propyl ether	EGP	CORRECTORS SPRINGERS OF THE	0	a constant	- Constitution of the Springer	Α	Yes	1	No	6
2-Ethylhexyl acrylate	EAI	40	0	E		<u> </u>	Yes	1	.50-70(a) .50-81(a). (b)	G
Ethyl methacrylate		14		····		<u>A</u>	Yes	2		-
2-Ethyl-3-propylacrolein	ETM EPA	14	0	D/E		A	Yes	2	.50-70(a) No	3
Formaldehyde solution (37% to 50%)	remains of the second second	19 2	0	E	101	Α	Yes	1		G
Furfural	FMS	19 ²	0_	D/E	111	<u>A</u>	Yes	1	.55-1(h)	G
Glutaraldehyde solution (50% or less)	FFA	19		D		<u> </u>	Yes	1	.\$5-1(h)	<u> </u>
Hexamethylenediamine solution	GTA	19	0	NA	111	A	No	N/A	No	G
Hexamethyleneimine	HMC		0	<u>E</u>		<u>A</u>	Yes	1	.56-1(c)	<u> </u>
	HMI	7	0			A	Yes	1	.56-1(b). (c)	<u> </u>
Hydrocarbon 5-9	HFN		0	C	111	Α	Yes		.50-70(a), .50-81(a), (b)	G
Isoprene	IPR	30	0	<u> </u>	- 111	A	Yes	7	.50-70(a), .50-81(a), (b)	G
Isoprene, Pentadiene mixture	IPN		. 0	В	Itt	Α	No	N/A	.50-70(a), .55-1(c)	
Mesityl oxide	MSO	18 ²	0	D	111	Α	Yes	1	No	G
Methyl acrylate	MAM	14	0	C	EII	A	Yes	2	.50-70(a), .50-81(a) (b)	G
Methylcyclopentadiene dimer	MCK	30	0	C	(11	A	Yes	1	No.	<u> </u>
Methyl diethanolamine	MDE	В	0	E	111	<u> </u>	Yes	1	.56-1(b), (c)	G
2-Methyl-5-ethylpyridine	MEP	9	0	E		Α .	Yes	1	.85-1(e)	<u>G</u>
Methyl methacrylate	MMM	14	0	<u>c</u>	1))	_ <u>A</u> _	Yes	2	.50-70(a) .50-81(a), (b)	<u> </u>
2-Methylpyridine	MPR	9	0	D	103	. A	Yes	3	.95-1(c)	G
alpha-Methylstyrene Morpholine	MSR	30	0	D	til	Α	Yes	2	.50-70(a), .50-81(a), (b)	G
	MPL	72		D	111	<u> </u>	Yes	1	.55-1(c)	G
Nitroethane	NTE	42	0	D	11	A	No	N/A	.50-81, .56-1(b)	G
1- or 2-Nitropropane	NPM	42	0	<u>D</u>	<u> </u>	<u> </u>	Yes	1	.50-81	<u> </u>
1,3-Pentadiene	PDE	30	0	Α	111	<u> </u>	Yes	7	.50-70(a), .50-81	<u> </u>
Perchloroethylene	PER	36	0	NA	111	A	No	N/A	No	G
Polyethylene polyamines	PEB	7 2	0	E	134	Α	Yes	1	.55-1(e)	G



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Shipyard: Trinity Marine Madisonville

Hull #: 2208-4

Cargo Identificatio	n					Conditions of Carriage					
Propanolamine (iso-, n-)	Chem Code PAX	Compat Group No B	Sub Chapter O	Grade	Hull Type	Tank Group A	App'd (Y or N) Yes	VCS Calegory	Special Requirements in 46 CFR 151 General and Mat'ls of . .56-1(b), (c)	Insp. Periori	
iso-Propylamine	IPP	7	0		II	A	Yes	5	.95-1(c)	G	
Pyridine	PRD	9	0	C	111	A	Yes	1	.55-1(e)	G	
Sodium chlorate solution (50% or less)	SDD	0 12		NA	111	A	No	N/A	.50-73	G	
Styrene (crude)	STX	en e	0	D	III	A	Yes	2	No		
Styrene monomer	STY	30	o	D	Ш	Ä	Yes	2	.50-70(a), .50-81(a), (b)	G	
1.1.2.2-Tetrachloroethane	TEC	36	0	NA	111	A	No	N/A	No	G	
Tetraethylenepentamine	TTP	7	0	E	111	A	Yes	1	.53-1(c)	G	
Tetrahydrofuran	THF	41	0	c	111		Yes	1	.50-70(b)	G	
1,2,4-Trichlorobenzene	TCB	36	0	E	(1)	A	Yes	1	No	G	
Trichiaraethylene	TCL	36 ²	0	NA	111	Â	Yes	1	No	a	
Triethylamine	TEN	7	0	C		$\frac{}{A}$	Yes	3	.55-1(e)	<u> </u>	
Urea, Ammonium nitrate solution (containing more than 2% NH3)	UAS	6	0	- manager of the party of the p	'' 1		The second secon		.58-1(b)	G	
Vinyl acetate	VAM	7	0	NA	-	A	No	N/A	.50-70(a), .50-81(a), (b)	٥	
Vinyl neodecanate	VND	13 13	0	E	<u>131</u>		Yes	2 N/A	.50-70(a), .50-81(a), (b)	<u> </u>	
				en, mercusalis : x					akan menganan menganan menganan pengangan dan pengangan penganan penganan penganan penganan penganan penganan	COMPANY OF THE SPECIAL	
Subchapter D Cargoes Authorized for Vapor Contr	man de la constitución de la con				· · · · · · · · · · · · · · · · · · ·			in a contract of the contract	net terminatura i samannat i suma tari mayari talapan manyan pana manaya ya panaka, mayar esi sa sa sa sa sa s	groupe and a Market and a	
	ACT	18 ²	<u>D</u>	<u>c</u>		_ <u>A</u>	Yes	1			
Acetophenone	ACP	18	<u>D</u>	E		<u> </u>	Yes	1			
Alcohol(C12-C16) poly(1-6)ethoxylates	APU	20	D	E		Α	Yes	1		APPENDIX FOR THE SECOND	
Alcohol(C6-C17)(secondary) poly(7-12)ethoxylates	AEB	20	D	E		A	Yes	1			
Amyl acetate (all isomers)	AEC	34	D	D		Α	Yes	1			
Amyl alcohol (iso-, n-, sec-, primary)	AAI	20	D	D	Oliveran open at a transfer on a consequent	Α	Yes	1			
Benzyl alcohol	BAL	21	D	E		Α	Yes	1			
Brake fluid base mixtures (containing Poly(2-8)alkylene(C2-C3) glycols, Polyalkylene(C2-C10) glycol monoalkyl(C1-C4) ethers, and their borate esters)	BFX	20	D	E		A	Yes	1			
Butyl acetate (all isomers)	BAX	34	D	D	/ Service / Other Service (Service)	A	Yes	1	CONTRACTOR OF THE PROPERTY OF	CONTRACTOR OF THE STATE OF THE	
Butyl alcohol (iso-)	IAL	20 2	D	D	and the second second	A	Yes	1			
Butyl alcohol (n-)	BAN	20 ²	D	D		Α	Yes	1			
Butyl alcohol (sec-)	BAS	20 ²	D	С		Α	Yes	1	The state of the s	stellts. Josephoniskovski kalenda	
Butyl alcohol (tert-)	BAT		D	С		A	Yes	1			
Butyl benzyl phthalate	BPH	34	D	E	***********	Α	Yes	1		scollester control of reneral and settled to the	
Butyl toluene	BUE	32	Đ	D	reprogramment in the party	A	Yes	1	And the second s	Marie and the state of the second	
Caprolactam solutions	CLS	22	D	E		A	Yes	1			
Cyclohexane	CHX	31	D	C	e automatica de	A	Yes	1			
Cyclohexanol	CHN	20	D	E		A	Yes	1	and the second s		
1,3-Cyclopentadiena dimer (molten)	CPD	30	D	D/E	-	A	Yes	2			
p-Cymens	CMP	32	D	D	or and a second	Α	Yes	1	estingeneeting envertieerts, statistics, common or a c	Vario Messo (India 1922 Sertito	
so-Decaldehyde	IDA	19	D	E		A	Yes	1		Particular de la companya de la comp	
n-Decaldshyde	DAL	19	D	E	ornillano conternument	Α.	Yes	1		A. (1994)	
Decene	DCE	30	D	D		A	Yes	1			
Decyl alcohol (all isomers)	DAX	20 ²	D	E	Scalification Annual Control	A	Yes	nere reconstruction was recons			
n-Decylbenzene, see Alkyl(C9+)benzenes	DBZ	32	0	E	**********	A	Yes	1		matical and an area of the second	
Diacetone alcohol	DAA	20 ²	D	- D		A	Yes	1			
ortho-Dibutyl phthalate	DPA	34	D	E		A	Yes	1			
Diethylbenzene	DEB	32	D	_ D	ervor og openser	A	Yes	1	A Committee of the Comm		
Diethylene glycol	DEG	40 ²	D	E		A	Yes	1			



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Certificate of Inspection

Cargo Authority Attachment

Vessel Name: HTCO 3097

Official #: 12244560

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Shipyard: Trinity Marine Madisonville

Hull #: 2208-4

Cargo Identificati	<u>on</u>					-		Condi	tions of Carriage	
	Chem	Compat	Sub		Hull	Tank		Recovery	Caralal Barrian and In 10 050	
Diisobutyl ketone	Code	Group No		Grade D	Type	Group A	(Y or N) Yes	VCS Calegory 1	Special Requirements in 46 CFR 151 General and Mat'ls of	Insp. Period
Diisopropythenzene (all isomers)	DIX	32	D	E	enticonorthism reduction	Α	Yes	1	enterior de la companya de la compa	The same and the s
Dimethyl phthalate	DTL	34	D	E		Α	Yes	1		
Dioctyl phthalate	DOP	34	Đ	E	C7594 W.X.L.Y.	Α	Yes	1		
Dipentene	DPN	30	D	D		Α	Yes	1	The second secon	Control of the second
Diphenyl	DIL	32	D	D/E		A	Yes	1		
Diphenyl, Diphenyl ether mixtures	DDO	33	D	E	and an artist of the second	Α	Yes	1		State of the same state of the same state of
Diphenyl ether	OPE	41	D	(E)		Α	Yes	1		
Dipropylene glycol	DPG	40	D	E		A	Yes	1		
Distillates: Flashed feed stocks	DFF	33	D	E	and the same and t	A	Yes	1	Western words of the control of the	6000 AGA
Distillates Straight run	DSR	33	D	E		A	Yes	1		
Dodecene (all isomers)	DOZ	30	D	D		A	Yes	1	TO THE STREET OF THE STREET, S	
Dodecylbenzene, see Alkyl(C9+)benzenes	DDB	32	D	E		A	Yes	1	No. 10 May 100	One stands of the contract of the contract of
2-Ethoxyethyl acetate	EEA	34	D	D		A	Yes	1		
Ethoxy triglycol (crude)	ETG	40	D	E		A	Yes	1		-
Ethyl acetate	ETA	34	D	C	· · · · · · · · · · · · · · · · · · ·	A	Yes	1		***********
Ethyl acetoacetate	EAA	34	D	E		A	Yes	1	And the state of t	
Ethyl alcohol	EAL	20 ²	D	Ċ	eren eren er	A	Yes	1	and the dealers are an experienced and the second	
Ethylbenzene	ETB	32	D	C	THE VINESTRATION IN	TO THE REAL PROPERTY OF THE PERSON NAMED IN CO.	An incompliance of the seasons	General Control of the Control of th	magnetic interest and the second seco	The second second
Ethyl butanol	EBT	20	-			A	Yes	1		
Ethyl tert-butyl ether	EBE		D	D	-	<u> </u>	Yes	1		ne de se sino de la constante
Ethyl butyrate	MATERIAL SERVICE SERVICE	41	D	C		<u> </u>	Yes	1	12. Villa 1. Villa 200. 20 Non similar in Viene Mill Session in Medical Arterior Mills	Printer and Superinters and Superinters and
Ethyl cyclohexane	EBR	34	D	<u>D</u>		<u>A</u>	Yes	1		
Ethylene glycol		31 20 ²	<u> </u>	<u>D</u>		Α	Yes	1		
	EGL		D	E		<u> </u>	Yes	1		
Ethylene glycol butyl ether acetate	EMA	34	D	E	Comment Care	<u> </u>	Yes	1		change of the source of the source
Ethylene glycol diacetate	EGY	34	<u>D</u>	E		<u> </u>	Yes	1		
Ethylene glycol phenyl ether	EPE	40	<u>D</u>	E	T the contract the contract of	<u> </u>	Yes	11		- 2- Produce made at a reg
Ethyl-3-ethoxypropionate	EEP	34	D	D		A	Yes	1		
2-Ethylhexanol	EHX	20	D	<u>E</u>		<u>A</u>	Yes	1		
Ethyl propionate	EPR	34	D	С		Α	Yes	1		
Ethyl toluene	ETE	32	D	D		Α	Yes	1		
Formamide	FAM	10	D	E		Α	Yes	1		
Furfuryl alcohol	FAL	20 ²	D	E		Α	Yes	1		-
Gasoline blending stocks: Alkylates	GAK	33	D	A/C	-	Α	Yes	1		
Gasoline blending stocks: Reformates	GRF	33	D	A/C		A	Yes	1	The state of the s	
Gasolines: Automotive (containing not over 4 23 grams lead per gallon)	GAT	33	D	C	TO CONTRACT OF THE PARTY OF THE	A	Yes	1		
Gasolines: Aviation (containing not over 4.86 grams of lead per gallon)	GAV	33	D	С		A	Yes	1		
Gasolines Casinghead (natural)	GCS	33	Đ	A/C		A	Yes	1	 State of the State of the Societies and Mills State on a form the Societies on Spills about the connection of the State on the State on	William Control
Gasolines: Polymer	GPL	33	D	A/C		A	Yes	1		**************************************
Gasolines: Straight run	GSR	33	D	A/C		Α	Yes	1		AND THE PERSON NAMED OF TH
Glycerine	GCR	20 ²	D	E	00000000000000000000000000000000000000	Α	Yes	1		name of the second seco
Heptane (all isomers), see Alkanes (C6-C9) (all isomers)	НМХ	31	D	C		Α	Yes	1		
Heptanoic acid	HEP	4	D	E	-/ox - Michigana	A	Yes	1		Appetron (A)
Heptanol (all isomers)	HTX	20	D	D/E		A	Yes	1		
Heptene (all isomers)	HPX	30		C		A	Yes	2	and the second s	THE RESERVE TO THE PARTY OF THE
Heptyl acetate	HPE	34	D	E	and the design of	A	Yes	1	And the second s	
Hexane (all isomers), see Alkanes (C6-C9)	HXS	31 ²	D	B/C		A	Yes	1		N. C.

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07-Feb-13

Certificate of Inspection

Cargo Authority Attachment

Vessel Name: HTCO 3097

Official # 12244560

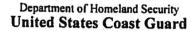
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Shipyard: Trinity Marine

Madisonville Hull #: 2208-4

Cargo Identi	itication					Conditions of Carriage						
	Chem	Compat	Sub		Hull	Tank	App'd	Recovery VCS	Special Requirements in 46 CFR	Food		
Name Hexanoic acid	Code HXO	Group No		Grade E	Type	Group A	Y or Ni Yes			Perior		
Hexanol	HXN	20	D	D	MATERIAL STOCK STO	A	Yes	1	general control of the control of th	Portugen and Association		
Hexene (all isomers)	HEX	30	D	C		A	Yes	2				
Нехујеле дјусој	HXG	20	D	E	(2002) CARRIAN CANADA ANDRES	A	Yes	1		terrolled or ethic environment		
Isophorone	IPH	18 ²	D	E	A ST SERVICE COMMAND	Α	Yes	1	Annual Transport	and the Control of the Control		
Jet fuel: JP-4	JPF	33	D	E		A	Yes	1				
Jet fuel: JP-5 (kerosene, heavy)	JPV	33	D	D	and the state of the state of	Α	Yes	1	er (1907) - 1970 - 1971 - 1870 - 1870 - 1880 - 1880 - 1880 - 1880 - 1880 - 1880 - 1880 - 1880 - 1880 - 1880 -	and the same of th		
Kerosene	KRS	33	D	Ð		A	Yes	1		A THE PARTY OF THE		
Methyl acetate	MTT	34	D	D		A	Yes	1				
Methyl alcohol	MAL	20 ²	D	C	· · · · · · · · · · · · · · · · · · ·	A	Yes	1		THE CONTRACTOR		
Methylamyl acetate	MAC	34	D	D		A	Yes	1				
Methylamyl alcohol	MAA	20	D	D	Commence to page of their	A	Yes	1		March of March According to the A		
Methyl amyl ketone	MAK	18	D	D		A	Yes	1		No describe de des		
Methyl tert-butyl ether	MBE	41 2	D	C		A	Yes	1				
Methyl butyl ketone	MBK	18	D	C		A	Yes	1		elic della compania di consumo per		
Methyl butyrate	MBU	34	D	Č	College acceptance and the	A	Yes		TO STATE OF THE SECOND			
Methyl ethyl ketone	MEK	18 2	D	c		A	Yes	1				
Wethyl heptyl ketone	MHK	18	D	D	V	A	Yes	1		ar and a surface with a market and a		
Methyl isobutyl ketone	MIK	18 ²	D	C	ACRES A AND LABORRY A	A	Yes	CONTRACTOR CONTRACTOR		**************************************		
Methyl naphthalene (molten)	MNA	32	0	E		Ā	Yes	1				
Mineral spirits	MNS	33	D	D		Ā	Yes	1		*****		
Ayrcene	MRE	30	D	D	**********	Α	Yes	1	And the second security of the second of the	Control of the latest		
Naphtha: Heavy	NAG	33	D	#			Yes	1		Monthly S. Mar		
Naphtha: Petroleum	PTN	33	D	#		Ā	Yes	1				
Naphtha: Solvent	NSV	33	B	D		<u>^</u>	Yes	1				
laphtha: Stoddard solvent	NSS	33	D	D	F (1, 2, 2, 2)	Â	Yes	1		Charles and Control of		
laphtha: Varnish makers and painters (75%)	NVM	33	D	C		<u>^</u>	Yes	1				
Ionane (all isomers), see Alkanes (C6-C9)	NAX	31	D	D			Yes	1		aller or delivery or a service of		
Ionene (all isomers)	NON	30	D	D		Â	Yes	2				
lonyl alcohol (all isomers)	NNS	20 2	D	E		<u> </u>	Yes	1				
lonyl phenol	NNP	21	D	E	-		Yes	1		-		
lonyl phenol poly(4+)ethoxylates	NPE	40	D	E		A	Yes	1				
Octane (ail isomers), see Alkanes (C6-C9)	OAX	31	D	C		<u>^</u>	Yes	1				
Octanoic acid (all isomers)	OAY	4	D	E	economic di seconomic	months are an area	Yes	Control of the Contro	The state of the s			
Octanol (all isomers)	OCX	20 2	Ð	<u> </u>		<u> </u>		1		Caramana Maria Carama		
Octene (all isomers)	OTX	30	0	C	and the second reads the	A	Yes	1		will's state and the second		
Dil, fuel: No. 2	otw	33	D	D/E	CAMPAGE CONTRACTOR OF CHARGE CO	A	Yes	2	general grant and the second s	and Million Co. of Street		
Dil, fuel: No. 2-D	OTD				an Majori pana, mpa ta ta			1				
Dil, fuel: No. 4	OFR	33 33	D	D/E	constant the light observations	A	Yes Yes	T - Option of the Company of the Com		enelis (Pisses) - sittodeslise		
Dil, fuel: No. 5	OFV	33		D/E	Managed at the special of	A	Yes	1				
Dil, fuel No. 6	OSX	33	Accessors to the second	E	CONCRETE CONTRACTOR OF THE CON		NAMES OF TAXABLE PARTY.	SIGNAMORE SERVICE SERV	WOODEN WOOD VENEZONO OTORECONIZION NACIONALIZATIONI IN CONTROL	W		
ii, misc: Crude	OIL	33	CONTRACTOR OF THE PARTY OF	C/D		A	Yes	1		MANAGEMENT CONTROL OF THE		
iil, misc Diesel	ODS	33		D/E		A	Yes	1				
ki, misc Gas, high pour	OGP	33		E		A	Yes	1				
il, misc: Lubricating	OLB	33	Contract Contract	E E		A	Yes Yes	1				
iil, misc Residual	ORL	33		E		<u> </u>		1				
il, misc: Turbine	OTB	33		E		A	Yes Yes	1				

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Certificate of Inspection

Cargo Authority Attachment

Vessel Name: HTCO 3097

Shipyard: Trinity Marine

Madisonville Hull #: 2208-4

Official #: 12244560

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Cargo Identifica	ation					-		Condi	tions of Carriage	
	Chem	Compat	Sub	***************************************	Hull	Tank	Vapor I App'd	Recovery VCS	Special Requirements in 48 CFR	Insp.
Pentene (all isomers)	PTX	Group No	Chapter D	Grade A	Tvoe	Group A	(Y or N) Yes	Cateoory 5	151 General and Mat'ls of	Perior
n-Pentyl propionate	PPE	34	D	D	Market Andrews	Α	Yes	1	CAMPAGENTAL STATES AND STATES OF THE STATES	the description of the second
alpha-Pinene	PIO	30	Đ	D		Α	Yes	1		A STATE OF THE PERSON NAMED IN COLUMN TWO IS NOT THE PERSON NAMED IN COLUMN TWO IS NAMED IN COLUMN TWO IS NOT THE PERSON NAMED IN COLUMN TWO IS NAMED IN COLUMN
beta-Pinene	PIP	30	D	D	THE PROPERTY OF THE PROPERTY O	A	Yes	***************************************		The state of the same of the s
Poly(2-8)alkylene glycol monoalkyl(C1-C6) ether	PAG	40	D	E	and of the second section of the second sec	A	Yes	1		FF WAR TO MEDICAL WARRIES OF
Poly(2-8)alkylene glycol monoalkyl(C1-C6) ether acetate	PAF	34	D	E		A	Yes	1		
Polybutene	PLB	30	D	E		A	Yes	1		Market Company
Polypropylene glycol	PGC	40	D	E	-	Α	Yes	1		
iso-Propyl acetate	IAC	34	Đ	C	***************************************	A	Yes	1		
n-Propyl acetate	PAT	34	D	C		A	Yes	1		1. 100
iso-Propyl alcohol	IPA	20 2	D	С		A	Yes	1	¥	
n-Propyl alcohol	PAL	20 2	D	С	***************************************	A	Yes	1		
Propylbenzene (all isomers)	PBY	32	D	Đ		A	Yes	in manifer material		The state of the s
iso-Propylcyclohexane	IPX	31	D	D		A	Yes	1		
Propylene glycol	PPG	20 2	D	E		A	Yes	1	and the second s	
Propylene glycol methyl ether acetate	PGN	34	D	D	and the second	A	Yes	1	And the second s	AMARIAN MINISTRALIA
Propylene tetramer	PTT	30	D	D		A	Yes	1		Acres and Consumers
Sulfolane	SFL	39	D	E		A	Yes	1	and the state of t	ordine interversional and healing
Tetraethylene glycol	TTG	40	D	E		A	Yes	1		Market and Article
Tetrahydronaphthalene	THN	32	D	E	************	A	Yes	1		
Toluene	TOL	32	0	c	***************************************	A	Yes	1		Mark to the desired
Tricresyl phosphate (less than 1% of the ortho isomer)	TCP	34	D	E	Andrew Services	A	Yes	inamin'ny makalika mandrina mandri	enterprise des anne ses à l'abbrer deprise pro et en en en en la company de la company de la company de la comp	C (70) 222 his familia in
Triethylbenzene	TEB	32	D	E	-		Yes	1	and the second s	on beautiful to the second of
Triethylene glycol	TEG	40	D	E	-		Yes	1		
Triethyl phosphate	TPS	34	<u>D</u>	Ē		A	Yes	1		************
Trimethylbenzene (all isomers)	TRE	32	_ D	{D}	To the Washington	A	Yes	1		The selections of the second
Trixylenyl phosphate	TRP	34	 D	E		A	Yes	1		and the same of th
Undecene	UDC	30	D	D/E		A	Yes	1		
1-Undecyl alcohol	UND	20	D	E		Â	Yes	1		
Xylenes (ortho-, meta-, para-)	XLX	32	D _	<u> </u>			Yes	1		



Department of Homeland Security **United States Coast Guard**

Serial #: C1-1300352

07-Feb-13

Certificate of Inspection

Cargo Authority Attachment

Vessel Name: HTCO 3097 Official #: 12244560

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Shipyard: Trinity Marine

Hull #: 2208-4

Explanation of terms & symbols used in the Table:

Cargo Identification

Note 1 Note 2

Note 3

Chem Code

The proper shipping name as listed in 46 CFR Table 30.25-1, 46 CFR Table 151.05, and 46 CFR Part 153 Table 2.

The three letter designation assigned to the cargo in the Chemical Hazards Response Information System (CHRIS) Manual

Certain mixtures of cargoes may not have a CHRIS Code assigned. Compatability Group No.

The cargo reactive group number assigned for compatibility determinations in 48 CFR Part 150 Tables I and II. In accordance with 46 CFR 150.130, the Person-in-Charge of the barge is responsible for ensuring that the compatibility requirements of 46 CFR Part 150 are met. Cargoes must be checked for compatibility using the figures, tables, and appendices of 46 CFR 150 in conjunction with the assigned reactive group number.

Because of the very high reactivity or unusual conditions of carriage or potential compatibility problems, this product is not assigned to a specific group in the Compatibility Chart. For additional compatibility information, contact Commandant (CG-3PSO-3), U.S. Coast Guard, 2100 Second. Street, SW, Washington, DC. 20593-0001. Telephone

See Appendix I to 46 CFR Part 150 - exceptions to the compatability chart.

Subchanter The subchapter in Title 46 Code of Federal Regulations under which the cargo has been classified Subchapter D Subchapter O

Those flammable and combustible liquids listed in 46 CFR Table 30.25-1.

Those hazardous cargoes listed in 46 CFR Table 151.05 and 46 CFR Part 153 Table 2

Those cargoes listed in 46 CFR Part 153 Table 2 are non-regulated cargoes when carried in bulk on non-occangoing barges.

Grade

The cargo classification assigned to each flammable or combustible liquid. Grades inside of "{ }" indicate a provisional assignment based upon literature sources which were not verified by manufacturers data. The Person-in-Charge shall verify the cargo grade based on Manufacturers data and ensure that the barge is authorized for carriage of that grade of cargo

A, B, C D, E Note 4

lammable liquid cargoes, as defined in 46 CFR 30-10.22

Combustible liquid cargoes, as defined in 48 CFR 30-10-15

The flammability/combustibility grade of these cargoes may vary depending upon the flashpoint and Reid vapor pressure. The Person-in-Charge shall verify the cargo grade based on Manufacturers data and ensure that the barge is authorized for carriage of that grade of cargo.

Those subchapter O cargoes which are not classified as a flammable or combustible liquid.

No flammability/combustibility grade has been assigned yet, as the necessary flash point/vapor pressure data for such assignments are presently not available.

Hull Type

NA

The required barge hull classification for carriage of the specified Subchapter O hazardous material cargo, see 46 CFR 151 10-1.

Designed to carry products which require the maximum preventive measures to preclude the uncontrolled release of the cargo. See 46 CFR 151 10-1(b)(1).

Designed to carry products which require significant preventive measures to preclude the uncontrolled release of cargo. See 46 CFR 151 10-1(b)(3).

Designed to carry products of sufficeint hazard to require a moderate degree of control. See 46 CFR 151 10-1(b)(4). Not applicable to barges certificated under Subchapter D.

Conditions of Carriage

Tank Group Vapor Recover Approved (Y or N) The vessel's tank group (as defined in Section 4) which is authorized for carriage of the named cargo.

Yes: The vessel's VCS has been reviewed and approved by the MSC to control vapors of the specified cargo No: The vessel's VCS has been reviewed and is not approved by the MSC to control vapors of the specified cargo.

Conditions of Carriage

Tank Group Vapor Recover Approved (Y or N) The vessel's tank group (as defined under the "46 CFR Tank Group Characteristics" listed on page 1) which is authorized for carriage of the named cargo.

Yes: The vessel's VCS has been reviewed and approved by the MSC to control vapors of the specified cargo No. The vessel's VCS has been reviewed and is not approved by the MSC to control vapors of the specified cargo.

VCS Category

The specified cargo's provisional classification for vapor control systems.

Category 1

(No additional VCS requirements above those for benzene, gasolines and crude oil) All requirements applying to the handling of oil and hazardous materials in Titles 33 and 46 Code of Federal Regulations (CFR) apply to these cargoes. Those specifically dealing with vapor control systems are in 33 CFR 155.750, 33 CFR 156.120, 33 CFR 156.170, 46 CFR 35.35 and 46 CFR 39. The cargo tank venting system calculations (46 CFR 39.20-11) and the pressure drop calculations (46 CFR 39.30-1(b)) must use appropriate friction factors, vapor densities and vapor growth rates

Category 2

(Polymerizes) Polymerization and residue build-up of these cargoes can adversely affect the vessel by fouling safety componeness and restricting vapor flow which could lead to cargo tank overpressurization. The vessel's owner must develop a method of ensuring all VCS safety components are functional and polymer build-up is not causing an unsafe condition due to increased pressure in the vapor control piping and cargo tanks. The method shall be acceptable to the local Officer in Charge, Marine Inspection. This is in addition to the requirements of Category 1. Please note that a material not normally considered a monomer can be a problem in detonation arrester.

Category 3

(Highly toxic) VCSs for these toxic cargoes cannot use a spil valve or rupture disk as the primary means to meet the overfill protection requirement of 48 CFR 39.20-9 This requirement is in addition to the requirements of Category 1.

Category 4

(Polymerizes and highly toxic) Must comply with requirements of Categories 1, 2 and 3.

Category 5

(High vapor pressure) VCS pressure drop calculations for cargoes with a vapor pressure greater than 14.7 psia at 115 F must take into account increased vapor-air mixture densities and vapor growth rates as compared to Category 1 cargoes. Consult the Marine Safety Center's VCS Guidelines for further information. This requirement is in addition to the requirements of Category 1.

Category 6 Category 7

(High vapor pressure and highly toxic) Must comply with requirements of Categories 1, 3 and 5. (High vapor pressure and polymerizes) Must comply with requirements of Categories 1, 2 and 5.

The cargo has not been evaluated/classified for use in vapor control systems