

MATERIAL DECLARATION (MD)

<Declaration>

Date	2023/09/27
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<ID identification number>

ID-No.	V7KL8/S/PO/2023-24/00692 – 1910024771
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<Supplier (respondent) information>

Company name	Truebell Marketing & Trading LLC
Division name	Shipchandling
Address	PO Box 4146, Industrial Area 13, Behind Ramez Hypermarket Sharjah, UAE
Contact person	Pradeesh Krishnakurup
Telephone number	+971 6 5130200
Fax number	+971 6 534 2112
Email address	pradeesh@truebell.org
SDoC ID number	V7KL8/S/PO/2023-24/00692 – 1910024771

<Other information>

Remark 1	
Remark 2	
Remark 3	

<Product information>

Product name	Product number	Delivered unit		Product information
		Amount	Unit	
KL8/S/PO/2023-24/00692 – 1910024771	STORES (LIFEBOUY LIGHT)	5	PCS	V7KL8/S/PO/2023-24/00692 – 1910024771

<Materials information>

This materials information shows the amount of hazardous materials contained in

	Unit
1	NOS

(Unit: kg, m, m², m³, piece, etc.) of the product

Table	Material name		Threshold value	Present above threshold value?	If yes, material mass		If yes, information on where it is used
				Yes / No	Mass	Unit	
Table A Materials listed in Appendix 1 of the Convention	Asbestos	Asbestos	0.1% *	NO			
	Polychlorinated biphenyls (PCBs)	Polychlorinated biphenyls (PCBs)	50 mg/kg	NO			
	Ozone Depleting Substance (ODS)	Chlorofluorocarbons (CFCs)	No threshold value	NO			
		Halons		NO			
		Other fully halogenated CFCs		NO			
		Carbon tetrachloride		NO			
		1, 1, 1-Trichloroethane		NO			
		Hydrochlorofluorocarbons		NO			
		Hydrobromofluorocarbons		NO			
		Methyl bromide		NO			
	Bromochloromethane	NO					
Anti-fouling systems containing organotin compounds as a biocide	e.g. Tributyltin (TBT)	2500 mg total tin/kg	NO				
	e.g. Triphenyl tins (TPTs)		NO				

	e.g. Tributyltin oxide (TBTO)		NO			
SRR **	Perfluorooctane sulfonic acid (PFOS)	10 mg/kg	NO			

Table	Material name	Threshold value	Present above threshold value?	If yes, material mass		If yes, information on where it is used
			Yes / No	Mass	Unit	
Table B Materials listed in Appendix 2 of the Convention)	Cadmium and cadmium compounds	100 mg/kg	NO			
	Hexavalent chromium and hexavalent chromium compounds	1000 mg/kg	NO			
	Lead and lead compounds	1000 mg/kg	NO			
	Mercury and mercury compounds	1000 mg/kg	NO			
	Polybrominated biphenyl (PBBs)	50 mg/kg	NO			
	Polybrominated diphenyl ethers (PBDEs)	1000 mg/kg	NO			
	Polychloronaphthalenes (Cl >=3)	50 mg/kg	NO			
	Radioactive substances	No threshold value	NO			
SRR **	Brominated flame retardant (HBCDD)	100 mg/kg	NO			

6 In accordance with regulation 4 of the IMO Hong Kong Convention, for all ships, new installation of materials which contain asbestos shall be prohibited. According to the UN recommendation "Globally Harmonized System of Classification and Labelling of Chemicals (GHS)" adopted by the United Nations Economic and Social Council's Sub-Committee of Experts on the Globally Harmonized System of Classification and Labelling of Chemicals (UNSCGHS), the UN's Sub Committee of Experts, in 2002 (published in 2003), carcinogenic mixtures classified as Category 1A (including asbestos mixtures) under the GHS are required to be labelled as carcinogenic if the ratio is more than 0.1%. However, if 1% is applied, this threshold value should be recorded in the Inventory and, if available, the Material Declaration and can be applied not later than five years after the entry into force of the Convention. The threshold value of 0.1% need not be retroactively applied to those Inventories and declarations.

** Additional materials to be listed, in accordance with Annex I and Annex II of the European Union Ship Recycling Regulation (Regulation (EU) No 1257/2013

SUPPLIER'S DECLARATION OF CONFORMITY FOR MATERIAL DECLARATION MANAGEMENT

1. SDoC Unique Identification Number: V7KL8/S/PO/2023-24/00692 – 1910024771
2. Issuer's Name: Truebell Marketing & Trading LLC
- Issuer's Address: PO Box 4146, Industrial Area 13,
Behind Ramez Hypermarket, Sharjah, UAE
3. Object(s) of the Declaration: All items as per below item list supplied under PO
4. The object(s) of the declaration described above is in conformity with the following documents:

<u>Document No.</u>	<u>Title</u>	<u>Edition/Date of Issue</u>
<u>MEPC.269(68)</u>	<u>Guidelines for the development of the Inventory of Hazardous Materials</u>	<u>2015/05/15</u>
<u>EU SRR</u>	<u>Regulation (EU) No 1257/2013</u>	<u>2013/11/20</u>
<u>EMSA</u>	<u>Best Practice Guide on the IHM</u>	<u>2016/10/28</u>

5. Additional Information: _____

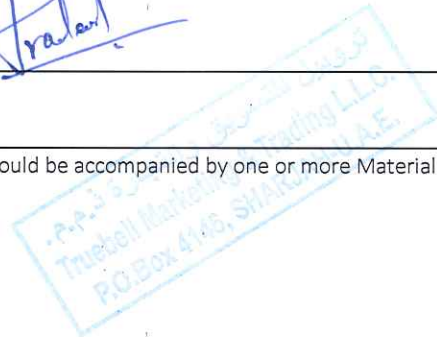
6. Signed for and on behalf of
Truebell Marketing & Trading LLC
Sharjah, UAE

Place and date of Issue

7. Pradeesh Krishnakurup, Technical Purchaser
Name, Function



Signature



This SDoC is to be completed in accordance with IMO Resolution MEPC.269(68) and should be accompanied by one or more Material Declarations (MD)

Delivery Order
TRN # 10000620300003

Customer :3005230
Midas Tankers Pvt Ltd

Navi Mumbai, Maharashtra

SO# :2020022564
Date :07.07.2023
LPO :V7KL8/S/PO/2023-24/00692
CHEM MELBO

SI	Item Code	IMPA	Description	UOM	Quantity
1	30114559	330330	L161 Intrinsically Safe Lifebuoy Light	PC	5.000

PRODUCT SAFETY DATA SHEET

PRODUCTS: L6/L6A/L161

SECTION 1: IDENTIFICATION

PRODUCT NAME	Marine Safety Light Systems L6, L6A and L161
MANUFACTURERS NAME	DANIAMANT LIMITED
ADDRESS TELEPHONE NO. FAX NO.	Unit 3, The Admiral Park, Airport Service Road, Portsmouth, Hants. PO3 5RQ UK +44 (0) 23 9267 5100 (Switchboard) +44 (0) 23 9267 5101 (Fax)
EMERGENCY NOS.	FOR CHEMICAL EMERGENCY, SPILL, LEAK, FIRE EXPOSURE OR ACCIDENT CALL CHEMTREC DAY OR NIGHT: 00 1 703 527 3887 (SHIPMENT TO AND FROM USA) (CHEMTREC OFFICE) 800 424 9300 (INTERNAL N.AMERICA MOVEMENTS) (CHEMTREC OFFICE) D806 CHEMTREC COMPANY CODE 205617 COMPANY NUMBER
DESCRIPTION	Lithium powered marine safety light systems are designed to be stored for up to five years before use. The battery cells are hermetically sealed, pressurised manganese dioxide lithium and as supplied are electronically protected by a fuse and from external environment by a moulded plastic casing. In this state the units constitute no definable hazard to health. However, disassembly, abuse or destruction of the battery cell will expose the contents and the following Health and Safety Hazards.

SECTION 2: INFORMATION OF INGREDIENTS

HAZARDOUS COMPONENTS:			
	CAS NUMBER	EC Number	Battery Content (%)
Manganese Dioxide	1313-13-9	215-202-6	25 – 47
Lithium Metal	7439-93-2	231-102-5	2 – 5
1.2 Dimethoxyethane	110-71-4	203-794-9	3 – 7
Organic electrolyte	-	-	5 – 17
Steel	7439-89-6, 7440-47-3	231-096-4, 231-157-5	25 – 50
Polypropylene	9003-07-0	204-062-1	3 – 15
Reference: Sax's dangerous properties of industrial materials.			
NOTE: These products do not contain asbestos.			

SECTION 3: HAZARD IDENTIFICATION

LITHIUM METAL:	This is flammable when in contact with water. It reacts violently to produce hydrogen and lithium hydroxide. Use only soda ash, sodium chloride or graphite to extinguish flames.
MANGANESE DIOXIDE:	Poison by intravenous and intratracheal routes moderately toxic by subcutaneous route. Experimental reproductive effects. A powerful oxidiser, flammable by chemical reaction. Must not be heated or rubbed in contact with easily oxidizable matter.
PROPYLENE CARBONATE:	
1.2 DIMETHOXYETHANE:	Experimental teratogen. Other experimental reproduction effects readily forms an explosive peroxide. A very dangerous fire hazard when exposed to flame, heat or oxidisers. When heated to decomposition it emits acrid smoke and fumes
LITHIUM PERCHLORATE:	Moderately toxic. Skin, eye and mucous membrane irritant an oxidiser which is incompatible with nitromethane acetone hydrogen and oxygen. When heated to decomposition it emits very toxic fumes.

SECTION 4: FIRST AID MEASURES

EYES:	Irrigate thoroughly with water for at least 15 minutes. Obtain medical attention.
INHALATION:	Remove from exposure, rest and keep warm. In severe cases, or if exposure has been great, obtain medical attention.
SKIN:	Drench the skin thoroughly with water. Remove contaminated clothing and wash before re-use. Unless contact has been slight, obtain medical attention.
INGESTION:	Wash out mouth thoroughly with water and give plenty of water to drink. Obtain medical attention.
FURTHER TREATMENT:	All cases of eye contamination, persistent skin irritation and casualties who have swallowed this substance or been affected by breathing its vapours should be seen by a doctor.
EMERGENCY AND FIRST AID PROCEDURES:	If cell vents, personnel should be evacuated from contaminated areas. Other materials are either inert or have low hazard associated with their exposure.

SECTION 5: FIRE FIGHTING MEASURES

If cells are directly involved in a fire, DO NOT USE SAND, DRY POWDER OR SODA ASH, GRAPHITE, METAL CLASS D EXTINGUISHERS OR A FIRE BLANKET. Copious quantities of a water based foam is the only recommended extinguishing media for fires involving cells. IF a fire is in an adjacent area, and cells are packed in their original containers, the fire can be fought based on fuelling material e.g. paper and plastic products. Avoid fume inhalation.

In the case where significant quantities of lithium / sulphur dioxide batteries have been involved in a fire, account must be taken of the possibility that flammable gases might be evolved should water come into contact with the cold battery residues. These gases might include Acetylene, Hydrogen and Cyanide. It is recommended that ventilation should be maximised should this scenario be realised.

EXTINGUISHING MEDIA: Copious quantities of water based foam.

SECTION 6: ACCIDENTAL RELEASE MEASURES

Do not breathe vapours or touch liquid with bare hands. If the skin has come into contact with the electrolyte it should be washed thoroughly with water. Earth or sand should be used to absorb the exudation, seal leaking battery and earth in a heavy-duty polythene bag and dispose of as special waste.

SECTION 7: HANDLING AND STORAGE

Handle and store in cool, well-ventilated area. Keep out of direct sunlight.

SECTION 8: EXPOSURE CONTROLS / PERSONAL PROTECTION

HANDLING	Do not short circuit or expose to temperatures above the temperature rating of the battery. Do not recharge, over-discharge, force discharge, immerse, puncture or crush.
STORAGE	Store in a cool place but prevent condensation on cells and batteries. Elevated temperatures can result in shortened battery life and degrade performance. Do not store batteries in high humidity environments for long periods. External corrosion of the Nickel plated can and tags could result in the formation of toxic metal salts. Avoid ingestion, observe personal hygiene wash hands after contact.

SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

APPEARANCE	Light in a plastic housing.
ODOUR	If leaking, smells of medical ether.
STABILITY IN WATER	Product is waterproof.
REACTION WITH WATER	Only if damaged.
FLASH POINT	Not applicable unless individual components exposed.
FLAMMABILITY	Not applicable unless individual components exposed.
RELATIVE DENSITY	Not applicable unless individual components exposed.
SOLUBILITY IN WATER	Not applicable unless individual components exposed.
SOLUBILITY OTHER	Not applicable unless individual components exposed.

SECTION 10: STABILITY AND REACTIVITY

Hazardous materials are housed within a hermetically sealed unit, under normal conditions this unit is Non-Hazardous.

HAZARDOUS REACTIONS	Lithium metal reacts with water to produce highly flammable gasses.
HAZARDOUS DECOMPOSITION REACTIONS	Toxic fumes, and may form peroxides.

SECTION 11: TOXICOLOGICAL INFORMATION

SIGNS & SYMPTOMS	NONE, unless battery ruptures. In the event of exposure to internal contents, corrosive fumes will be very irritating to skin, eyes and mucous membranes. Over-exposure can cause symptoms of non-fibrotic lung injury and membrane irritation.
INHALATION	Lung irritation.
SKIN CONTACT	Skin irritation.
EYE CONTACT	Eye irritation.
INGESTION	Poisoning if swallowed.
GENERALLY AGGRAVATED BY EXPOSURE.	In the event of exposure to internal contents, eczema, skin allergies, lung injuries, asthma and other respiratory disorders may occur.

SECTION 12: ECOLOGICAL INFORMATION

MAMMALIAN EFFECTS	None known at present.
ECO-TOXICITY	None known at present.
BIOACCUMULATION POTENTIAL	Slowly bio-degradable.
ENVIRONMENTAL FATE	None known environmental hazards at present.

SECTION 13: DISPOSAL

DISPOSAL	DO NOT INCINERATE, or subject cells to temperature in excess of 90°C. Such abuse can result in loss of seal, leakage, and/or cell explosion. Dispose of in accordance with appropriate local regulations. DO NOT ATTEMPT TO DISMANTLE THIS PRODUCT.
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SECTION 14: TRANSPORT INFORMATION

UN Hazard Code	Class 9
UN Number	3091
UN Proper Shipping Name	Lithium Metal Batteries Contained in Equipment.
IATA Packing Instructions for air	970, Section II
Packing instructions for road and sea	P903 Special Provisions 230, 188.
Lithium Content	1.20g (Lithium metal battery pack)
Total Battery Weight	36g (Weight of Individual Cell 18g)
Labelling	As per IATA, IMDG & ADR requirements
Battery Test Criteria	Tested to UN ST/SG/AC.10/11/Rev.5/Amend.1 Criteria III Section 38.3. (Test Certificate available on request). Each cell and battery incorporates a safety venting device. Each cell and battery is equipped with an effective means of preventing external short circuits and reverse current flow.

SECTION 15: REGULATORY INFORMATION

Risk Phrases	R8 R11 R14/15 R17 R19 R20 R21 R22 R34 R36/37/38 R41	Contact with combustible material may cause fire. Highly flammable Reacts violently with water liberating extremely flammable gases Spontaneously flammable in air. May form explosive peroxides. Harmful by inhalation. Harmful in contact with skin Harmful if swallowed Causes burns. Irritating to respiratory system and skin. Risk of serious damage to the eyes
Safety Phrases	S1/2 S8 S16 S17 S24/25 S26/27 S29 S33 S36 S37 S38 S43 S45	Keep locked up and out of the reach of children Keep away from moisture Keep away from sources of ignition – no smoking. Keep away from combustible material. When using do not eat, drink or smoke. In case of contact with eyes, rinse immediately with plenty of water. Do not empty into drains. Take precautionary measures against static discharges. Wear suitable protective clothing. Wear suitable gloves. In case of insufficient ventilation wear suitable respiratory equipment. In case of fire, see fire fighting precautions. In case of incident, seek medical attention.

SECTION 16: OTHER INFORMATION

Disclaimer

This PSDS is provided for information only. The information and recommendations set forth herein are made in good faith and are believed to be accurate as of the date of preparation. However, the company makes no warranty, either expressed or implied with respect to this information and disclaims all liability from reliance on it. It is the shippers responsibility to ensure that they are trained and competent in handling and shipping lithium batteries by all transport modes.

20 January 2023