

## Government of the Republic of Trinidad and Tobago MINISTRY OF ENERGY AND ENERGY INDUSTRIES

## MEEI: 12.1.5 Vol. XXXXVII

Ref: 20-040

June 18, 2020

Mr. Steven Pedigo Chairman/ CEO OSEI Corporation P.O. Box 515429 Dallas Texas, 75075 USA

Dear Mr. Pedigo:

Re: Approval of OSEI Corporation's chemical

Reference is made to your letter dated June 04, 2020 in which you requested approval for the use of the following chemical in the petroleum and petrochemical industries.

NO.	CHEMICAL NAME	CHEMICAL FAMILY	CHEMICAL USAGE
1.	Oil Spill Eater II, OSE II		Hydrocarbon Bioremediation
	NA.		Product

MINISTRY OF ENERGY AND ENERGY INDUSTRIES

NO.	1. CHEMICAL NAME 2. CHEMICAL TYPE	1. CHEMICAL/PHYSICAL PROPERTIES 2. CHEMICAL COMPOSITION 3. CHEMICAL USAGE			96 HR LC 50 (LETHAL CONC) TEST mg/L	BIODEGRAD- ABLE TEST ≥70%	COMMENTS
1.	1. Oil Spill Eater II, OSE II 2.	1. Chemical Test	Chemical/ Physical Properties Specification	Product Tested	1628.78	100%	Oil Spill Eater II, OSE II will be used at a 2% conc.
		(i) Appearance (ii) Colour	Liquid Amber to brown	Liquid, clear Amber to brown			
		(iii) Odour		DIOWII			
			Ferment	1000/			
		(iv) Solubility in water (g/100mls)	100%	100%			
		(v) Spec. gravity Relative density (g/cm³) Temp. (°F / °C) Water = 1	Same as water	-			
		(vi) pH value Temp. (°F / °C)	-	6.36 @ 72.14°F /22.3°C			
		(vii) Flash point Temp. (°F / °C)	Same as water in excess of 7000°F /3871°C	-			
		(viii) Vap. pressure Temp.(°F/°C)	Same as water	-			
		(ix) Vap. Density Temp.( <sup>0</sup> F/ <sup>0</sup> C)	Same as water	-			
		(x) Flammability	Non- flammable	) <del>-</del>			
		(xi) Auto-ignition Temp.(°F/°C)	Non-igniting	-			
		(xii) Dropping point Temp. ( <sup>0</sup> F / <sup>0</sup> C)	Same as water	-			
		2) (i) Water (ii) Nitrogen (urea) (iii) Molasses (iv) Bio surfactant (v) Sugar (vi) Protease (vii) Amylase (viii) Malt					
		3) Hydrocarbon Biore	emediation Prod	ıct			

MINISTRY OF ENERGY AND ENERGY INDUSTRIES The Ministry of Energy and Energy Industries is pleased to grant approval of three (3) years to **OSEI Corporation** for the use of the above chemical in the petroleum and petrochemical industries.

You are advised that approval has been granted subject to the following conditions:

- 1. Users must be instructed on the recommended application rates of this chemical for its optimum performance.
- 2. Procedures for safe handling, storage and control of spills of this product must be clearly indicated.
- 3. SDS and product data sheets must be supplied to end-users whenever this product is sold.
- 4. MEEI reserves the right to conduct verification exercises on the storage facility for this chemical.
- MEEI reserves the right to conduct verification checks on the stated use of this chemical by your company/end-users.
- 6. MEEI must be immediately informed if any changes are made to the formulation of this chemical.
- 7. Application for approval for continued use of this chemical must be re-submitted by May 18, 2023 approximately one (1) month before the expiry date of this approval on June 18, 2023.

The approval granted to **OSEI Corporation** by the Ministry of Energy and Energy Industries for the **specific usage** of the above chemical must **only** be for this purpose.

Permission to use the approved chemical in the petroleum and petrochemical industries does not absolve your company from liability resulting from the use of this product.

Yours faithfully

/f/ Permanent Secretary

PERMANENT SECRETARY Ministry of Energy and Energy Industries