

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

## MEEA: 12.1.5 Vol. XXXXII

May 25, 2015

Mr. Michael Joseph Oil Spill Eater International Corp. (OSEI) #22 Beachwood Drive Goodwood Gardens **DIEGO MARTIN** 

Dear Mr. Joseph:

Re: Approval of OSEI's chemical

Reference is made to your letter dated November 07, 2014 in which you requested approval for the use of the following chemical in the petroleum industry.

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

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MINISTRY OF ENERGY AND ENERGY AFFAIRS 1

4. MSDS and product data sheets must be supplied to end-users whenever this product is sold.

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

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

Yours faithfully

essar - George TO /f/ Permanent Secretary

PERMANENT SECRETARY Ministry of Energy and Energy Affairs

2		2. CHEMICAL TYPE	2. CHEMICAL COMPOSITION 3. CHEMICAL USAGE			(LETHAL CONC) TEST mg/L	ABLE TEST ≥70%	COMMENTS
	1.	<ol> <li>Oil Spill Eater II</li> <li>Oil Spill Eater II</li> </ol>	1. Chemical Test	Chemical/ Physical Properties Specification	Product Tested			
			(i) Appearance	Liquid	Opaque liquid	- 481.94	100	
			(ii) Colour	Amber to Brown	Amber			
			(iii) Odour	Ferment				
			(iv) Solubility in water (g/100mls)	100%				
			(v) Spec. gravity Relative density Temp. ( <sup>0</sup> F/ <sup>0</sup> C) Water = 1		1.0215 181.4°F/83°C			
			(vi) Autoignition Temp. ( ${}^{0}F / {}^{0}C$ )			-		
			(vii) Boiling point Temp. (°F/°C)		210°F/98.9°C			
			(viii) Kinematic Viscosity Temp. (°F/°C)				ENERG	Y
			(ix) Flash point Temp. (°F/°C)	37.4°F/3°C		MINISTRY OF ENERGY AND ENERGY AFFAIL	3	
			(x) Pour point Temp. (°F/°C)					
			(xi) Vap. Pressure		,			
			<ul> <li>(ii) Nitrogen (Urea)</li> <li>(iii) Molasses</li> <li>(iv) Non-Ionic surfactant</li> <li>(v) Sugar</li> <li>(vi) Pro-case</li> <li>(vii) Phosphorous</li> <li>(viii) Amylase</li> </ul>					
		(ix) Anionic surfactant (x) Malt						
			3) Hydrocarbon b	pioremediation produ	ict			

The Ministry of Energy and Energy Affairs is pleased to grant approval of three (3) years to **OSEI Company** for the use of the above chemical in the petroleum industry.

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. Application for approval for continued use of this chemical must be re-submitted by April 25, 2018 approximately one (1) month before the expiry date of this approval on May 25, 2018.

South Office: HSE/Measurement Division, Maska Building, South Trunk Road, La Romaine, Trinidad W.I. Tel.: 1-868-697-0948/7521/1283/7864/0546: Fax: 1-868-796-7013: webmail: www.energy.gov.tt: email: info@energy.gov.tt