

Material Safety Data Sheet

SECTION A: Ma	anufacturer a	nd Su	pplier							
Manufacturer's Name Japan Vietnam Petroleum Co., Ltd.				Emergency Telephone Number					84-254-3856937	
Address (Number, Street, City, Province and Nation)				Telephone Number for Information					84	1-254-3856937
7 th Floor Petro Vietnam Towers, 8 Hoang Dieu Street,				Date updated						Dec 2021
V	,	Upo	Updated by				Production			
SECTION B: Ha	azardous Ing	redien	ts/Identity I	nfo	rmatio	on			ı	
Hazardous Comp	al Identity: Com	nmon Name) ACGIH (TLV/LC50)			Other Limits Recommended					
100%	Petroleum Hydrocarbon					(127/2	000)		11000111	monaca
	Containing:									
< 0.1 %	Sulfur					N/A	4			
< 1.0 %	Benzene					10) ppm	OSHA STEL	_(Short Terr	n Exposure Limit): 5 ppm
< 1.0 %	,	Toluene				100	100 ppm ACGIH/OSHA			STEL: 150 ppm
< 1.0 %	Xylene /	/ Ethyl B	enzene			100) ppm	ACG	IH/OSHA	STEL: 150 ppm
SECTION C: Ph	nysical/Chem	ical C	haracteristi	cs						
Boiling Point (C	°)		20-565+		s	pecific Gr	avity ((g/cm³)		0.8220
Reid Vapor Pressure (psia)			6.45		P	Pour Point (°C)				30
Molecular Weight			208.7			Evaporation Rate (Butyl Acetat				N/A
Solubility in Water: Insoluble in water. S			Soluble in hydrocarbon.			Kinematic Viscosity at 50oC (cS			cSt)	4.068
Appearance and Amber to black.	l Odor: rather viscous lic	uid with	sliaht punaent	to su	ılfurous	odor.				
	re and Explo									
Flash Point (Method)		Belo	elow room temperature			Flammab	le Limi	its	LEL	UEL
Extinguishing Media: CO ₂ , dry chemical, foam, water fog. D					direct stream of water					
Special Fire-figh This material prescription explosive violer	ting Procedure: resents fire haza	rds. Liq	uid quickly eva	ipora	ites and	d forms va	apor (f by ma	umes) whic	such as	ch fire and burn with pilot burner, welding om temperature.
Unusual Fire and N/A	d Explosion Haz	ards:								
	eactivity Data	l								
Stability	Unstable		Conditions to		oid:					
	Stable	3	14//	•						
Incompatibility (May react with s	Materials to Avo		uch as chlorates	s. nit	rates. n	eroxides	etc.			
Hazards Decom	position or Bypr	oducts:							1	
	tion forms oxides May Occur	ot sulfu	r. Incomplete c			can produc	ce carb	on monoxic	les.	
Hazardous Polymerization	Will Not Occur	3	N/A							
	1.01 30001	,								

		M	aterial Saf	ety Data	Sheet		Part 2 Rang Dong Crude O				
SECTION F: H	ealth Hazar	d Data					<u> </u>				
Route(s) of Ent	ry: Inh	alation?	3	Skin?	3	Ingestic	on? 3				
Health Hazards	(Acute and C	ronic):									
Eye contact:	The irrita will o	eye irritation ing to the e	eyes and could could could could could be amount of ma	ause prolong	ed impairment of	of your vision. T	ever, it may be slightl The degree of the injur nd thoroughness of th				
Skin Contact:		It is expected to cause no more than minor skin irritation, but prolonged or frequently repeated skin contact may be harmful.									
Dermal Toxicit	prac	The systematic toxicity of this substance has not been determined, however, it is considered to be practically non-toxic to internal organs if it gets on the skin.									
Respiratory/Inf	cent	alation: Breathing the vapor may be irritating to the respiratory tract. Prolonged breathing of vapors can cau central nervous system effect.									
Ingestion:	inter	nal organs if					may be slightly toxic t bsorbed from the gut.				
Signs and Sym			and a second and a second								
Eye contact: Skin Contact:			oms may include cause no more tl			s and blurred vis	ion.				
Respiratory/Inh	nalation: Sign sore of co appe	s and symp throat, coug entral nervo tite, weakne	toms of respirate ghing, bronchitis, us effects may ess and loss of c	ory tract irrita pulmonary e include one	tion may include dema and diffict or more of the	ulty in breathing. following: heada	ited to nasal discharge Signs and symptom ache, dizziness, loss on on the known toxicity o				
Ingestion:	Beca oral orga Onc	toxicity of the lost if swallow	iis substance ha wed. This can o	s not been d occur during	etermined. How the act of swalld	vever, it may be owing or when v	if it is swallowed. The slightly toxic to international to international transfer in the substance over e injury to the lung				
Emergency and Eye contact: Skin Contact:	Flush eyes implenses if worn. Remove contacts symptoms des	nediately wi No additior minated clo cribed in th	nal first aid shoul othing. Wash sl	d be necessa kin thoroughl	ry. However, if i y with soap and	rritation persists, d water. See a	open. Remove contact, see a doctor. I doctor if any signs conces and boots. Was				
Inhalation:	If any signs or continue, see	symptoms of	described in this	document oc	cur, move the pe	erson to fresh air	. If any of these effect				
Ingestion:	If swallowed, directed to do	wed, give water or milk to drink and telephone for medical advice. Do not make person vomit unless to do so by medical personnel. If medical advice cannot be obtained, then take the person and product r to the nearest medical emergency treatment center or hospital.									
SECTION G : F	recautions	for Safe I	Handling								
Eliminate all oppossible, obseor ground water appropriate, re	pen flame in vic rving precaution er. Clean up sn move contamin	inity of spill as for protect all spills usi	tive equipment.	r. Stop the s Contain liquechniques su	d to prevent furt ch as sorbent ma	her contamination aterials or pumpi	up releases as soon a on of soil, surface wate ng. Where feasible an e larger spills.				
	nated materials		able containers a		of in a manner	consistent with	applicable regulations				
Precautions to				oui.							
Do not use or	store near flame	, sparks or l	hot surface. Use								
This material is water and from	s considered to entering drain	be a water p	collutant and rele			e prevented from	n contaminating soil an				
Other Precaution This material is first determine	s considered to	, ,		duct, howeve	r persons openii	ng or entering th	e compartments shoul				
SECTION H: C	, ,		1000111.								
Respiratory Pro											
Use of approve			ecommended.								
Ventilation	Local Exhaus	t Should	be handled in we								
	Mechanical	ve	ntilated area.	Other.	A						

Mechanical (General) Other N/A N/A Protective Gloves
Protective gloves for chemical handling is recommended.

Other Recommended Clothing or Equipment:
Wearing protective clothing can minimize skin contact.

Work/Hygienic Practices:
This material contains Benzene. Appropriate operating practices for Benzene handling are recommended. Eye contact can be avoided by wearing chemical goggles.