SAFETY DATA SHEET

	SDS Revision Date: 02/16/2016			DAI ETT DAIA STILL	
SECTION 1	IDENTIFICATION				
Company Name	KALO, Inc.		24 HOUR	EMERGENCY NUMBER/CHEMTREC (USA)	
Address	13200 Metcalf Ave, Suite 250			1-800-424-9300	
City, State, Zipcode	Overland Park, KS 66213				
Phone Numbers	1-800-255-5196 / 1-913-491-9146 (fax)			Poison Control Center (USA)	
Website	www.kalo.com			1-800-222-1212	
Product Identity	Modified Vegetable Oil				
Reference/Item Number	MVO02, MVO30, MVO55, MVO265				
Intended Use	Agricultural Spray				
Application Method	Agricultural Spray				
SECTION 2	HAZARD(S) IDENTIFICATION				
	Using the toxicity data listed in Sections 11 and 12, the product	s labeled as follows:	HAZARD CO	MMUNICATION STANDARD (HCS) PICTOGRAM(S)	
	[EYE IRRITANT 2]:				
Н319:	Causes serious eye irritation.				
.au	[SKIN IRRITANT 2]:				
H315:	Causes skin irritation.			•	
D064.	[PREVENTION]:			WADNING	
P264: P280:	Wash thoroughly after handling.			WARNING	
F200.	Wear protective gloves/eye/face protection.				
	[RESPONSE]:				
P305+351+338:	IF IN EYES: Rinse continuously with water for several minutes. Remove contact lenses if present and easy to do; continue rinsing.				
P337+313:	If eye irritation persists, get medical advice/attention.				
P302+352: P332+313:	IF ON SKIN: Wash with plenty of soap and water. If skin irritation occurs, get medical advice/attention.				
P362:	Take off contaminated clothing and wash before reuse.				
SECTION 3	COMPOSITION/INFORM	ATION O	N INGREDI	ENTS	
		it contains substanc	es that present a hazard wit	hin the meaning of the relevant State and Federal Hazardous Substance	
	Ingredient/Chemical Designations	Veight %	CAS Number	Notes	
	Proprietary blend of surfactants	00	Trade Secret	[1] [2]	
	[1] Substance classified with a health or environmental hazard.				
	[2] Substance with a workplace exposure limit. [3] PBT-substance or vPvB-substance.				
SECTION 4	FIRST AID MEASURES				
OLO HON 4	[DESCRIPTIONS]:				
General:		nedical attention. N	Never give anything by r	nouth to an unconscious person	
Inhalation:	In all cases of doubt, or when symptoms persist, seek medical attention. Never give anything by mouth to an unconscious person. Remove to fresh air. Keep patient warm and at rest. If breathing is irregular or stopped, give artificial respiration. If unconscious, place in the recovery position a obtain immediate medical attention. Give nothing by mouth.				
Eyes:	Irrigate copiously with clean fresh water for at least 10	minutes, holding th	e eyelids apart and see	k medical attention.	
Skin:	Remove contaminated clothing. Wash skin thoroughly with soap and water or use a recognized skin cleanser. Do NOT use solvents or thinners.				
Ingestion:	If accidentally swallowed, obtain immediate medical att	ention. Keep at res	t. Do NOT induce vomit	ing.	
	[MOST IMPORTANT SYMPTOMS AND EFFECTS, BO	TH ACUTE AND	DELAYED]:		
Overview:	No adverse symptoms or effects anticipated under normal handling conditions. See Section 2 for further details.				
Eyes:	Causes serious eye irritation.				
Skin:	Causes skin irritation.				
SECTION 5	FIRE FIGHTING MEASUF	RES			
Extinguishing Media:	Recommended extinguishing media: alcohol resistant f	oam, CO2, powder	water spray. Do not use	e water jet.	
Special Hazards:	Irritating or toxic substances may be emitted upon thermal	decomposition. The	mal decomposition produ	cts may include oxides of carbon as well as smoke and fume.	
Advice For Firefighters:	Cool closed containers exposed to fire by spraying ther	n with water. Do no	ot allow run off water and	d contaminants from fire fighting to enter drains or water cours	

SDS for Modified Vegetable Oil 1 KALO, Inc.

Containment and Cleaning Up: Precautions For Safe Handling: Conditions For Safe Handling: Conditions For Safe Storage: Store in lightly closed containers in a dry, well-ventilated area away from excessive heat and incompatibles. See Section 2 for further details [STORAGE]. Incompatible Materials: Specific End Use(s): SECTION 8 EXPOSURE CONTROLS/PERSONAL PROTECTION [CONTROL PARAMETERS]: Exposure: This product contains no ingredients at greater than 0.1% that are suspected of being or known to be a carcinogen under OSHA, NTP or IARC. Carcinogen Data: This product contains no ingredients at greater than 0.1% that are suspected of being or known to be a carcinogen under OSHA, NTP or IARC. Exposure: If workers are exposed to concentrations above the exposure limit they must use the appropriate, certified respirators. Exposure: If workers are exposed to concentrations above the exposure limit they must use the appropriate, certified respirators. Exposure: Overralls, which cover the body, arms, and legs, should be worn. Skin should not be exposed. All parts of the body should be washed after contact. Provide adequate ventilation. Where reasonably practicable, this should be achieved by the use of local exhaust ventilation and good general extraction. If the rent of serious parts of the serious parts of the provided and any vapor below occupational exposure limits, suitable respiratory protection must be worn. Other Work Practices: Section 9 PHYSICAL AND CHEMICAL PROPERTIES Appearance: Odor: Threshold: Not measured Vapor Pressure (Pg): Not measured Melting/Freezing Points (*C): Not measured Solubility in Water: Dispersible	SECTION 6	ACCIDENTAL RELEASE MEASURES			
Wended and Materials Pro- Containment and Channing Up- Containment C	Protective Equipment and	Keep all sources of ignition away from spill/release. In case of a major spill or spillage in a confined space evacuate the area and check vapor levels.			
Methods and Metanial For Containment and Channing By Containment and Channing By Containment and Channing By Prescultary in description from the absorbers. Dire of abord some containments of the containment and the containm	Environmental Precautions:	Do not allow spills to enter drains or water courses.			
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Procession For Safe Nandling Conditions For Safe Strongs: Conditions For Safe Strongs: Conditions For Safe Strongs: Conditions For Safe Strongs: Conditions Safe Strongs: Conditions For Safe Strongs: Conditions Safe Strong	SECTION 7	HANDLING AND STORAG	 iE		
Decompatible Morriels:	Precautions For Safe Handling:	Do not get in eyes, on skin or on clothing. Do not breathe vapors or mists. Keep container closed. Use only with adequate ventilation. Use good personal hygiene			
Specific End Use(a): See technical data sheet EXPOSURE CONTROLS/PERSONAL PROTECTION [CONTROL PARAMETERS]: Exposure: This product contains no ingredients at greater than 0.1% that are suspected of being or known to be a carcinogen under OSHA, NTP or IARC. Exchange Data: This product contains no ingredients at greater than 0.1% that are suspected of being or known to be a carcinogen under OSHA, NTP or IARC. Exposure: This product contains no ingredients at greater than 0.1% that are suspected of being or known to be a carcinogen under OSHA, NTP or IARC. Exposure: Exposure: Wear safety syneware (a. safety specialcele/gogles/boso) to protect against the splace of injusies. Six on: Six on: Provide adequate end of safety specialcele/gogles/boso) to protect against the splace of injusie. Six on: Provide adequate end of safety specialcele/gogles/boso) to protect against the splace of injusie. Six on: Other Work Practices: Provide adequate endition. When enaconably practicable, this should be actived by the use of local enhant envirolation and good general extraction. If the service of the safety of the safety of practicals, and any varyor below occupational exposure limits, suitable respiratory protection must be warn. Other Work Practices: SECTION 9 PHYSICAL AND CHEMICAL PROPERTIES Appearance: Odor: Fally believe liquid Odor Treshold: Not ineasured Odor: Fally believe liquid Odor Six apposes distriction Work proteins (*C): Not ineasured Not ineasured Not ineasured Not ineasured Not ineasured Practification occurred recommendation (*Log Kory): Not ineasured Not	Conditions For Safe Storage:				
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Melting/Freezing Points (°C): Not measured Solubility in Water: Dispersible		4.5-7.0 (5% aqueous dilution)	Vapor Density:	Heavier than air	
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Conditions To Avoid: Extended exposure to high temperatures can cause decomposition. Avoid all possible sources of ignition. Incompatible Materials: Oxidizing agents, strong acids, strong bases, strong alkalis Not anticipated under normal conditions of use. SECTION 11 TOXICOLOGICAL INFORMATION Acute Toxicity: Ingredients Oral LD50 mg/kg Skin LD50mg/kg Inhalation Vapor/Dust/Mist LC50mg/L Proprietary Blend of Surfactants >5,000.00/Category NA >5,000.00/Category NA No data available Category: Item: Acute Toxicity (skin) / Hazard: Not applicable. Category: Item: Acute Toxicity (inhalation) / Hazard: Not applicable. Category 2: Item: Skin Corrosion/Irritation / Hazard: Causes skin irritation. Category: Item: Eye Damage/Irritation / Hazard: Causes serious eye irritation. Category: Item: Sensitization (skin) / Hazard: Not applicable. Category: Item: Sensitization (skin) / Hazard: Not applicable. Category: Item: Germ Toxicity / Hazard: Not applicable. Category: Item: Carcinogenicity / Hazard: Not applicable. Category: Item: Carcinogenicity / Hazard: Not applicable.		······································	of use.		
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Category -: Item: Carcinogenicity / Hazard: Not applicable.	Category:	Item: Sensitization (skin) / Hazard: Not applicable.			
	Category:	Item: Germ Toxicity / Hazard: Not applicable.			
Category: Item: Reproductive Toxicity / Hazard: Not applicable.					
Category -: Item: Specific Target Organ Systemic Toxicity (single exposure) / Hazard: Not applicable.					

Item: Specific Target Organ Systemic Toxicity (repeated exposure / Hazard: Not applicable.

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Category --:

Item: Aspiration Hazard / Hazard: Not applicable.

Category --: SDS for Modified Vegetable Oil

SECTION 12	ECOLOGICAL INFORMATION
Toxicity:	No additional information provided for this product. See Section 3 for chemical specific data.
Persistence and Degradability:	There is no data available on the preparation itself.
Bioaccumulative Potential:	Not measured.
Mobility in Soil:	No data available.
Results of PBT and vPvB Assess:	This product contains no PBT/vPvB chemicals.
Other Adverse Effects:	No data available.
SECTION 13	DISPOSAL CONSIDERATIONS
Waste Treatment Methods:	Do not allow into drains or water courses. Wastes and emptied containers should be disposed of in accordance with regulations made under the Control of Pollution Act and the Environmental Protection Act. Using information provided in this data sheet advice should be obtained from the Waste Regulation Authority, whether the special waste regulations apply. Dispose of contents in accordance with local and national regulations.
SECTION 14	TRANSPORT INFORMATION
SECTION 14	THANSFORT INFORMATION
Regulated by DOT:	This product is only regulated for transport in bulk containers that are <i>greater</i> than 119 gallons.
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Regulated by DOT: UN Number:	This product is only regulated for transport in bulk containers that are <i>greater</i> than 119 gallons. UN3082
Regulated by DOT: UN Number: DOT Proper Shipping Name:	This product is only regulated for transport in bulk containers that are <i>greater</i> than 119 gallons. UN3082 UN3082, Environmentally hazardous substances, Liquid, N.O.S. (contains nonylphenol polyethylene glycol ether), 9, PG III Marine Pollutant
Regulated by DOT: UN Number: DOT Proper Shipping Name: DOT Hazard Class:	This product is only regulated for transport in bulk containers that are <i>greater</i> than 119 gallons. UN3082 UN3082, Environmentally hazardous substances, Liquid, N.O.S. (contains nonylphenol polyethylene glycol ether), 9, PG III Marine Pollutant
Regulated by DOT: UN Number: DOT Proper Shipping Name: DOT Hazard Class: DOT Packing Group:	This product is only regulated for transport in bulk containers that are <i>greater</i> than 119 gallons. UN3082 UN3082, Environmentally hazardous substances, Liquid, N.O.S. (contains nonylphenol polyethylene glycol ether), 9, PG III Marine Pollutant
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Regulated by DOT: UN Number: DOT Proper Shipping Name: DOT Hazard Class: DOT Packing Group: DOT Label: IMDG Proper Shipping Name:	This product is only regulated for transport in bulk containers that are <i>greater</i> than 119 gallons. UN3082 UN3082, Environmentally hazardous substances, Liquid, N.O.S. (contains nonylphenol polyethylene glycol ether), 9, PG III Marine Pollutant 9 III 9 UN3082, Environmentally hazardous substances, Liquid, N.O.S. (contains nonylphenol polyethylene glycol ether), 9, PG III Marine Pollutant

See bill of lading **REGULATORY INFORMATION SECTION 15**

Marine Pollutant: Yes (nonylphenol polyethylene glycol ether)

IMDG Environmental Hazards:

ICAO/IATA:

Regulatory Overview:	The regulatory data in Section 15 is not intended to be all-inclusive, only selected regulations are represented.
TSCA:	All ingredients of this product are listed on the TSCA (Toxic Substance Control Act) inventory or are not required to be listed on the TSCA inventory.
WHMIS Classification:	D2B
US EPA Tier II Hazards:	Fire: No / Sudden Release of Pressure: No / Reactive: No / Immediate (acute): Yes / Delayed (chronic): No
EPCRA 311/312:	Chemicals and RQs (>0.1%): To the best of our knowledge, there are no chemicals at levels which require reporting under this statute.
EPCRA 302:	Extremely Hazardous (>0.1%): To the best of our knowledge, there are no chemicals at levels which require reporting under this statute.
EPCRA 313	Toxic Chemicals (>0.1%): To the best of our knowledge, there are no chemicals at levels which require reporting under this statute.
Proposition 65	Carcinogens (>0.0%): 1-4 dioxane, Oxirane
Proposition 65:	Developmental Toxins (>0.0%): To the best of our knowledge, there are no chemicals at levels which require reporting under this statute.
Proposition 65:	Female Repro Toxins (>0.0%): Oxirane
Proposition 65:	Male Repro Toxins (>0.0%): Oxirane
N.J. RTK Substance (>1%):	To the best of our knowledge, there are no chemicals at levels which require reporting under this statute.
Penn RTK Substances (>1%):	To the best of our knowledge, there are no chemicals at levels which require reporting under this statute.

SECTION 16 OTHER INFORMATION

The information and recommendations contained herein are based upon data believed to be correct. However, no guarantee or warranty of any kind, expressed or implied, is made with respect to the information contained herein. We accept no responsibility and disclaim all liability for any harmful effects which may be caused by exposure to our products. Customers/users of this product must comply with all applicable health and safety laws, regulations, and orders.

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