

SAFETY DATA SHEET



SECTION 1: IDENTIFICATION

Company Information	KALO, Inc., 13200 Metcalf Ave., Ste. 250, Overland Park, KS 66213
Phone Numbers	800-255-5196 / 913-491-9146 FAX
Website	www.kalo.com
Product Identity	DRIFT-X
Reference/Item Number	DX01, DX02, DX30, DX55, DX265
Intended Use	Emulsifier
Application Method	See technical data sheet.
24 HOUR EMERGENCY NUMBER/CHEMTREC (USA)	1-800-424-9300
POISON CONTROL CENTER (USA)	1-800-222-1212

SECTION 2: HAZARDS IDENTIFICATION

HAZARD COMMUNICATION STANDARD (HCS) PICTOGRAM(S) AND SIGNAL WORD(S)

NO PICTOGRAM REQUIRED. NO SIGNAL WORD REQUIRED.

Hazard Classifications/Statements:	Not a hazardous substance or mixture according to OSHA HCS 2012.
Precautionary Statements:	No need for classification according to GHS criteria for this product.
Prevention:	No need for classification according to GHS criteria for this product. Refer to Section 7 of this SDS for safe handling practices
Response:	No need for classification according to GHS criteria for this product. Refer to Section 4 of this SDS for first aid measures.
Storage:	No need for classification according to GHS criteria for this product. Refer to Section 7 of this SDS for conditions of safe storage.
Disposal:	No need for classification according to GHS criteria for this product. Refer to Section 13 of this SDS for disposal considerations.

SECTION 3: COMPOSITION/INFORMATION ON INGREDIENTS

This product is labeled with the following GHS classifications, as it contains substances that present a hazard within the meaning of the relevant State and Federal Hazardous Substances regulations. This product is a proprietary blend and the ingredients and mixture percentages are being withheld as confidential business information.

Ingredient/Chemical Designations:	Blend
CAS No.:	Polymer exempt

SECTION 4: FIRST AID MEASURES

General:	In all cases of doubt, or when symptoms persist, seek medical attention. Never give anything by mouth to an unconscious person.
Inhalation:	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 and obtain immediate medical attention. Give nothing by mouth.
Eyes:	Irrigate copiously with clean fresh water for at least 10 minutes, holding the eyelids apart and seek 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:	Contact physician or poison control center. If victim is conscious and able to swallow, quickly give milk or water to dilute. Do not give sodium bicarbonate, vinegar or fruit juices. Never give anything by mouth if victim is unconscious or having convulsions. Induce vomiting only upon advice of a physician. Never give anything by mouth to an unconscious person.
	[MOST IMPORTANT SYMPTOMS AND EFFECTS, BOTH ACUTE AND DELAYED]
Ingestion:	Overexposure may cause gastrointestinal irritation, diarrhea, nausea and vomiting.
Eyes:	Overexposure causes excessive watering, redness and stinging.
Skin:	Overexposure may cause itching and redness similar to a rash.

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SECTION 5: FIREFIGHTING MEASURES

Flashpoint:	>200°F
NFPA Labeling:	Health Hazard = 0 (normal material) / Fire Hazard = 1 (above 200°F) / Instability = 0 (stable)
Extinguishing Media:	Water spray, foam, dry chemical, carbon dioxide (CO ₂). Do not use water jet.
Special hazards:	Wear self-contained breathing apparatus when fighting a fire.
Auto-Ignition Temperature:	N/A

SECTION 6: ACCIDENTAL RELEASE MEASURES

Precautions/Procedures:	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.
Environmental Precautions:	Do not allow spills to enter drains or water courses. If material is released into the environment, the user should determine whether the spill should be reported to the appropriate local, state and federal authorities.
Methods and Material For Containment and Cleaning Up:	Contain material by diking the area around the spill. If the product is in a solid form, shovel directly into recovery drums. If the product is a liquid, it should be picked up using a suitable absorbent material, then shoveled into recovery drums.

SECTION 7: HANDLING AND STORAGE

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 practices. Wash hands before eating, drinking, smoking. Remove contaminated clothing and wash before reuse. Destroy contaminated belts and shoes and other items that cannot be decontaminated. Have eyewash accessible to use in handling area. See Section 2 for further details.
Conditions For Safe Storage:	Store in tightly closed containers in dry, well-ventilated area, away from excessive heat and incompatibles. See Section 2 for further details.
Incompatible or Segregation:	If this chemical is being stored around hazardous material, ensure that each chemical is compatible with each other by following the segregation practices that are set in place by the local, state and federal regulating offices.
Storage Temperatures (min/max):	No special requirements.

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SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION

Exposure Data:	This product contains no ingredients (at greater than 0.1%) with established limits for exposure under OSHA, ACGIH and/or NIOSH.
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.
[PERSONAL PROTECTIVE EQUIPMENT]	
Respiratory:	If workers are exposed to concentrations above the exposure limit, they must use the appropriate certified respirators.
Eyes:	Wear safety eyewear (e.g. safety spectacles/goggles/visors) to protect against the splash of liquids.
Skin:	Overalls, 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.
Engineering Controls:	Provide adequate ventilation. Where reasonably practicable, this should be achieved by the use of local exhaust ventilation and good general extraction. If these are not sufficient to maintain concentrations of particulates, and any vapor below occupational exposure limits, suitable respiratory protection must be worn.
Other Work Practices:	See technical data sheet.

SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

Appearance:	Liquid
Odor:	Characteristic
Color:	5 Gardner
pH:	5
Specific Gravity:	0.917
Flashpoint:	>200°F
Solubility in Water:	Dispersible
% Activity:	99% Max
VOC%:	Not Measured
Vapor Pressure (Pa):	Not Measured
Vapor Density:	Not Measured
Melting/Freezing Points:	Not Measured
Initial Boiling Point/Range (°F/°C):	Not Measured
Flammability (Solid,Gas):	Not Applicable
Upper Flammability/Explosive Limits:	Not Measured
Lower Flammability/Explosive Limits:	Not Measured
Decomposition Temperature:	Not Measured
Auto-Ignition Temperature:	Not Measured
Partition Co-Efficient n-octanol/water (Log Kow):	Not Measured
Evaporation Rate (Ether=1):	Not Measured

SECTION 10: STABILITY AND REACTIVITY

Reactivity:	Not chemically reactive.
Chemical Stability:	Stable under normal ambient and anticipated conditions of use.
Hazardous Reactions:	Will not occur.
Conditions To Avoid:	Extended exposure to high temperatures can cause decomposition. Avoid all possible sources of ignition.
Incompatible Materials:	Avoid contact with strong oxidizing agents.
Hazardous Decomposition Products:	Will not occur.

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SECTION 11: TOXICOLOGICAL INFORMATION

[ACUTE TOXICITY ESTIMATE]		
Ingredients:	Proprietary Blend	
Oral LD50mg/kg:	>5,000.00/Category: NA	
Skin LD50mg/kg:	>5,000.00/Category: NA	
Inhalation Vapor LC50mg/L/4hr:	No Data Available	
Inhalation Dust/Mist LC50mg/L/4hr:	No Data Available	
ITEM	HAZARD	CATEGORY
Acute Toxicity (mouth):	Not Applicable	--
Acute Toxicity (skin):	Not Applicable	--
Acute Toxicity (inhalation):	Not Applicable	--
Skin Corrosion/Irritation:	Not a skin irritant.	4
Eye Damage/Irritation:	Not an eye irritant.	4
Sensitization (respiratory):	Not Applicable	--
Sensitization (skin):	Not Applicable	--
Germ Toxicity:	Not Applicable	--
Carcinogenicity:	Not Applicable	--
Reproductive Toxicity:	Not Applicable	--
Specific Target Organ Systemic Toxicity-Single Exposure:	Not Applicable	--
Specific Target Organ Systemic Toxicity-Repeated Exposure:	Not Applicable	--
Aspiration Hazard:	Not Applicable	--

SECTION 12: ECOLOGICAL INFORMATION

Toxicity:	No additional information provided for this product.
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.
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SECTION 14: TRANSPORT INFORMATION

DOT Proper Shipping Name:	Not Regulated
DOT Hazard Class:	Not Applicable
DOT Packing Group:	Not Applicable
DOT Label:	None
IMDG Proper Shipping Name:	Not Regulated
IMDG Hazard Class:	Not Applicable
IMDG Packing Group:	Not Applicable
IMDG Marine Pollutant:	No
ICAO/IATA:	See Bill of Lading

SECTION 15: REGULATORY INFORMATION

Regulatory Overview:	The regulatory data in Section 15 is not intended to be all-inclusive, only selected regulations are represented.
Toxic Substance Control Act (TSCA):	All ingredients of this product are listed on the TSCA inventory, or are not required to be listed on the TSCA inventory.
WHMIS Classification:	Not applicable.
U.S. EPA Tier II Hazards:	Fire=NQ / Sudden Release of Pressure=NQ / Reactive=NQ / Immediate (acute)=YES / Delayed (chronic)=NQ
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 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 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%):	To the best of our knowledge, there are no chemicals at levels which require reporting under this statute.
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%):	To the best of our knowledge, there are no chemicals at levels which require reporting under this statute.
Proposition 65–Male Repro Toxins (>0.0%):	To the best of our knowledge, there are no chemicals at levels which require reporting under this statute.
N.J. RTK Substances (>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. Company accepts 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.