




SECTION 1 IDENTIFICATION	
Company Name	KALO, Inc.
Address	13200 Metcalf Ave, Suite 250
City, State, Zipcode	Overland Park, KS 66213
Phone Numbers	1-800-255-5196 / 1-913-491-9146 (fax)
Website	www.kalo.com
Product Identity	Regulaid
Reference/Item Number	RG01, RG02, RG30, RG55, RG265
Intended Use	See technical data sheet.
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 HAZARD(S) IDENTIFICATION	
<i>Using the toxicity data listed in Sections 11 and 12, the product is labeled as follows:</i>	
[COMBUSTIBLE LIQUID]:	HAZARD COMMUNICATION STANDARD (HCS) PICTOGRAM(S)  WARNING
H227: Combustible Liquid	
[ACUTE TOX. 5]:	
H303: May be harmful if swallowed.	
H313: May be harmful in contact with skin.	
[ACUTE TOX. 4]:	
H332: Harmful if inhaled.	
[SKIN IRRIT. 2]:	
H315: Causes skin irritation.	
[EYE IRRIT. 2]:	
H319: Causes serious eye irritation.	
[PREVENTION]:	
P210: Keep away from heat/sparks/open flames/hot surfaces. No smoking.	
P261: Avoid breathing dust/fume/gas/mist/vapors/spray.	
P264: Wash thoroughly after handling.	
P271: Use only outdoors or in a well-ventilated area.	
P280: Wear protective gloves/eye/face protection.	
[RESPONSE]:	
P302+352: If on skin: Wash with plenty of soap and water.	
P332+313: If skin irritation occurs: Get medical advice/attention.	
P304+340: If inhaled: Remove victim to fresh air and keep at rest in a position comfortable for breathing.	
P312: Call a poison center or doctor/physician if you feel unwell.	
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.	
P362: Take off contaminated clothing and wash before reuse.	
[STORAGE]:	
P403+235: Store in a well-ventilated place. Keep cool	
[DISPOSAL]:	
P501: Dispose of contents/container in accordance with local/national regulations.	

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	Weight %	CAS Number	GHS Classification	Notes
Proprietary blend	100	Proprietary	Combustible Liquid; H227 / Acute Tox 5; H303, H313 / Acute Tox 4; H332 / Eye Irrit. 2; H319 / Skin Irrit. 2; H315	[1] [2]
[1] Substance classified with a health or environmental hazard.				
[2] Substance with a workplace exposure limit.				
[3] PBT-substance or vPvB-substance.				
H227: Combustible Liquid.				
H303: May be harmful if swallowed.				
H313: May be harmful in contact with skin.				
H332: Harmful if inhaled.				
H315: Causes skin irritation.				
H319: Causes serious eye irritation.				

SECTION 4**FIRST AID MEASURES****[DESCRIPTIONS]:**

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:	If accidentally swallowed, obtain immediate medical attention. Keep at rest. Do NOT induce vomiting.

[MOST IMPORTANT SYMPTOMS AND EFFECTS, BOTH ACUTE AND DELAYED]:

Overview:	
Inhalation:	Harmful if inhaled.
Eyes:	Causes serious eye irritation.
Skin:	May be harmful in contact with skin. Causes skin irritation.
Ingestion/Mouth:	May be harmful if swallowed.

SECTION 5**FIRE FIGHTING MEASURES**

Extinguishing Media:	Recommended extinguishing media: alcohol resistant foam, CO ₂ , powder, water spray. Do not use water jet.
Special Hazards:	Do not breathe mist / vapors / spray. Can be dangerous when exposed to extreme heat and flame. Vapors may concentrate in confined areas. Irritating or toxic substances may be emitted upon thermal decomposition. Thermal decomposition products may include oxides of carbon as well as smoke and fume.
Advice For Firefighters:	Evacuate area. Prevent contamination from run-off of adjacent areas, streams, drinking water and sewers. Do not flush down sewers or other drainage systems. Exposed firefighters must wear full turnout gear and positive pressure self-contained breathing apparatus. Use water-spray to cool fire exposed surfaces and personnel.
ERG Guide No.	----

SECTION 6**ACCIDENTAL RELEASE MEASURES**

Personal Precautions, Protective Equipment and Emergency Procedures:	Remove sources of ignitions, do not turn lights, or unprotected electrical equipment, on or off. In case of a major spill, or spillage in a confined space, evacuate the area and check that solvent vapor levels.
Environmental Precautions:	Do not allow spills to enter drains or water courses.
Methods and Material For Containment and Cleaning Up:	Ventilate the area and avoid breathing vapors. Take the personal protective measures listed in Section 8. Contain and absorb spillage with non-combustible materials (e.g. sand/earth/vermiculite). Place in closed containers outside buildings and dispose of according to the Waste Regulations (see Section 13.) Clean, preferably with a detergent. Do not use solvents. Do not allow spills to enter drains or water courses. If drains, sewers, streams or lakes are contaminated, inform the local water company immediately. In the case of contamination of rivers, streams, or lakes, the Environmental Protection Agency should also be informed.

SECTION 7**HANDLING AND STORAGE**

Precautions For Safe Handling:	Handle containers carefully to prevent damage and spillage. 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 clean before re-use. See Section 2 for further details [PREVENTION].
Conditions For Safe Storage:	Store at ambient temperature. Keep containers tightly closed and upright when not in use. Protect containers against physical damage. Keep away from incompatible materials. See Section 2 for further details [STORAGE].
Incompatible Materials:	Oxidizing agents. See Section 2 for further details [STORAGE].
Specific End Use(s):	See technical data sheet.

SECTION 8**EXPOSURE CONTROLS/PERSONAL PROTECTION**

Carcinogen Data: This product contains no ingredients (greater than 0.1%) that are suspected of being or known to be a carcinogen under OSHA, NTP or IARC.

Exposure Data: This product contains the following ingredients with established limits for exposure under OSHA, ACGIH and/or IARC.

CAS No.	Ingestion	Source	Value
0000111-76-2	2-Butoxyethanol	OSHA	TWA 50 ppm (240mg/m3) [skin]
		ACGIH	TWA 20 ppm (revised 2003)
		NIOSH	TWA 5 ppm (24mg/m3) [skin]

[EXPOSURE CONTROLS]:

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: No data available. See Section 2 for further details [PREVENTION].

SECTION 9**PHYSICAL AND CHEMICAL PROPERTIES**

Appearance: Clear colorless liquid

Upper Flammability Limits: Upper Explosive Limit: Not measured

Odor: Mild solvent

Lower Flammability Limits: Lower Explosive Limit: Not measured

Odor Threshold: Not measured

Vapor Pressure (Pa): Not measured

pH: 6.0-7.0

Vapor Density: Heavier than air

Melting/Freezing Points (°C): Not measured

Solubility in Water: Soluble

Initial Boiling Point/Range (°C): No Established Limit (C) / No Established Limit (F)

Partition Co-efficient n-octanol/water (Log Kow): Not measured

Flash Point: >60°C / >141°F Tagged Closed Cup (TCC)

Auto-Ignition Temperature (°C): Not measured

Evaporation Rate (Ether=1): Not measured

Decomposition Temperature: Not measured

Flammability (Solid, Gas): Not applicable

Viscosity (cSt): Not measured

Specific Gravity @ 20°C 0.94-1.04

VOC %: Not measured

Other Information: No other relevant information.

Density, g/ml @ 25°C: Not measured

SECTION 10**STABILITY AND REACTIVITY**

Reactivity: No dangerous reactions under normal storage and handling conditions.

Chemical Stability: Stable.

Hazardous Reactions: No hazardous reactions under normal storage and handling conditions.

Conditions To Avoid: Extreme heat, open flame, sparks, and sources of ignition. Incompatible materials.

Incompatible Materials: Oxidizing agents.

Hazardous Decomposition Prod.: No hazardous decomposition products under normal storage and handling conditions.

SECTION 11**TOXICOLOGICAL INFORMATION**

Acute Toxicity:	Ingredients	Oral LD50 mg/kg	Skin LD50mg/kg	Inhalation Vapor/Dust/Mist LD50mg/L/4hr
	Proprietary blend	2,500.00/Category: 5	2,500.00 (rabbit)/Category: 5	Vapor: 11.0/Category: 4 Dust/Mist: No data available

Category 5: Item: Acute Toxicity (mouth) / Hazard: May be harmful if swallowed.

Category 5: Item: Acute Toxicity (skin) / Hazard: May be harmful in contact with skin.

Category 4: Item: Acute Toxicity (inhalation) / Hazard: Harmful if inhaled.

Category 2: Item: Skin Corrosion/Irritation / Hazard: Causes skin irritation.

Category 2: Item: Eye Damage/Irritation / Hazard: Causes serious eye irritation.

Category --: Item: Sensitization (respiratory) / Hazard: Not applicable.

Category --: Item: Sensitization (skin) / Hazard: May cause an allergic skin reaction.

Category --: Item: Germ Toxicity / Hazard: Not applicable.

Category --: Item: Carcinogenicity / Hazard: Not applicable.

Category --: Item: Reproductive Toxicity / Hazard: Not applicable.

Category --: Item: Specific Target Organ Systemic Toxicity (single exposure) / Hazard: Not applicable.

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

Category --: Item: Aspiration Hazard / Hazard: Not applicable.

SECTION 12**ECOLOGICAL INFORMATION**

Toxicity: No additional information provided for this product. See Section 3 for chemical specific data.

Aquatic Ecotoxicity: This product is not expected to be toxic to the aquatic environment.

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.

SECTION 14**TRANSPORT INFORMATION**

Regulated by DOT:	Bulk only.	
UN Number:	NA1993	
UN Proper Shipping Name:	NA1993, Combustible liquid, N.O.S. (contains ethylene glycol monobutyl ether), 3, PG III	
Transport Hazard Class(es):	DOT (Domestic Surface Transportation):	IMO/IMDG (Ocean Transportation) / IATA (Air):
	DOT Proper Shipping: See "UN Proper Shipping Name above.	IMDG Proper Shipping Name: See "UN Proper Shipping Name above.
	DOT Hazard Class: 3	IMDG Hazard Class: 3
	DOT Label: Combustible Liquid Class 3	Sub Class: Not applicable
	UN/NA Number: NA 1993	IMDG Packing Group: III
	DOT Packing Group: III CERCLA/DOT RQ: NA/NA	
Special Precautions For User:	Not applicable	
Transport:	Transport in bulk according to Annex II of MARPOL73/78 and the IBC Code: Not applicable	
Environmental Hazards IMDG:	Marine Pollutant: No	
Packing Group:	III	

SECTION 15**REGULATORY INFORMATION**

Regulatory Overview:	The regulatory data in Section 15 is not intended to be all-inclusive, only selected regulations are represented. 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:	B3 D2B
US EPA Tier II Hazards:	Fire: <u>Yes</u> / Sudden Release of Pressure: <u>No</u> / Reactive: <u>No</u> / Immediate (acute): <u>Yes</u> / Delayed (chronic): <u>No</u>
EPCRA 311/312:	Chemicals and RQs (>0.1%): No product ingredients listed
EPCRA 302:	Extremely Hazardous (>0.1%): No product ingredients listed
EPCRA 313	Toxic Chemicals (>0.1%): No product ingredients listed
Proposition 65	Carcinogens (>0.0%): 1-4 Dioxane / Oxirane
Proposition 65:	Developmental Toxins (>0.0%): No product ingredients listed
Proposition 65:	Female Repro Toxins (>0.0%): Oxirane
Proposition 65:	Male Repro Toxins (>0.0%): Oxirane
N.J. RTK Substance (>1%):	2-butoxy-ethanol, Propylene glycol
Penn RTK Substances (>1%):	2-butoxy-ethanol, Propylene glycol

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.