



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) www.kalo.com
Product Identity	NATURE'S AID GRANULAR GARDEN SOIL INOCULANT
Reference/Item Number	NA40, NA15
Intended Use	Soil humus in granular form and Rhizobium.
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>	
[SKIN IRRITANT]:	HAZARD COMMUNICATION STANDARD (HCS) PICTOGRAM(S)
H316: May cause mild skin irritation.	Not Required.
[EYE IRRITANT]:	
H320: May cause eye irritation.	
[PREVENTION]:	
P264: Wash thoroughly after handling.	
P280: Wear protective gloves and 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: IF ON SKIN: Wash with plenty of soap and water.	
P332+313: If skin irritation occurs, get medical advice/attention.	
P362: Take off contaminated clothing and wash before reuse.	
[STORAGE]:	
P234: Store in original container.	
P402+235: Store in a cool, dry place.	
P410: Protect from sunlight.	
[DISPOSAL]:	
P501: Dispose of contents/container in accordance with local/national regulations.	

SECTION 3 COMPOSITION/INFORMATION ON INGREDIENTS		
<i>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.</i>		
Ingredient/Chemical Designations	CAS Number GHS Classification Notes	
Live culture of nitrogen-fixing Rhizobium bacteria	Proprietary Eye Irrit.; H320 / Skin Irrit.; H316	[1]
<i>[1] Substance classified with a health or environmental hazard.</i>		
<i>[2] Substance with a workplace exposure limit.</i>		
<i>[3] PBT-substance or vPvB-substance.</i>		

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 victim to fresh air. Seek medical attention if respiratory irritation or distress continues.
Eyes:	Flush eyes with water for at least 15 minutes. Get medical attention if irritation persists.
Skin:	Immediately wash skin with plenty of soap and water. If irritation persists, seek medical advice/attention.
Ingestion:	If victim is conscious and alert, give 1 to 2 glasses of water to drink. Do not give anything by mouth to an unconscious person. Seek medical attention if necessary.
[MOST IMPORTANT SYMPTOMS AND EFFECTS, BOTH ACUTE AND DELAYED]:	
Eyes:	May cause eye irritation.
Skin:	May cause mild skin irritation.

SECTION 5 FIRE FIGHTING MEASURES

Flashpoint:	None
Auto-Ignition Temp:	Not determined
Explosive Limits (LEL):	Not applicable
Explosive Limits (UEL):	Not applicable
Extinguishing Media:	Use media suitable for the surrounding fire
Unusual Fire/Explosion Hazards:	None known
Fire Fighting Instructions:	No special requirements

SECTION 6 ACCIDENTAL RELEASE MEASURES

Spill: Sweep, vacuum or absorb with an inert absorbent for collection in an approved recovery drum for disposal. Wash area with water. Collect wash water for disposal. Always follow Federal, State and Local regulations regarding waste disposal.

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 reuse. See Section 2 for further details [PREVENTION].
Conditions For Safe Storage:	Store in original package in a cool, dry place. Avoid repeated freeze/thaw cycles. Open package only when ready to use. Use before expiration date printed on package. See Section 2 for further details [STORAGE].
Incompatible Materials:	Not applicable

SECTION 8 EXPOSURE CONTROLS/PERSONAL PROTECTION

Exposure Data:	This product contains no ingredients with established limits for exposure.
Carcinogen Data:	This product contains no ingredients that are suspected of being or known to be a carcinogen under OSHA, NTP, IARC.
[EXPOSURE CONTROLS]:	
Respiratory:	Wear a dust mask when working in dusty conditions.
Eyes:	The use of dust proof goggles when using this product is recommended.
Skin:	Skin contact should be minimized through the use of gloves and suitable long-sleeved clothing.
Equipment:	Clean application equipment with detergent and water after use.
Other Work Practices:	See Section 2 for further details [PREVENTION].

SECTION 9 PHYSICAL AND CHEMICAL PROPERTIES

Appearance:	Dark brown powder or granules	Upper Flammability Limits:	Upper Explosive Limit: Not measured
Odor:	Earthy	Lower Flammability Limits:	Lower Explosive Limit: Not measured
Odor Threshold:	Not determined	Vapor Pressure (Pa):	Not determined
pH:	6.5-7.4	Vapor Density:	Not determined
Melting/Freezing Points (°C):	Not determined	Solubility in Water:	Insoluble
Initial Boiling Point/Range (°C):	No Established Limit (C) / No Established Limit (F)	Partition Co-efficient n-octanol/water (Log Kow):	Not determined
Flash Point:	>94°C / >200°F Pinsky Martins Closed Cup (PMCC)	Auto-Ignition Temperature (°C):	Not determined
Evaporation Rate (Ether=1):	Not determined	Decomposition Temperature:	Not determined
Flammability (Solid, Gas):	Not determined	Viscosity (cSt):	Not determined
Specific Gravity @ 20°C	0.6	VOC%:	Not determined
Other Information:	None		

SECTION 10 STABILITY AND REACTIVITY

Stability:	Stable
Conditions to Avoid:	None
Hazardous Polymerization:	Will not occur
Chemical Incompatibilities:	Some seed applied chemicals, including fungicides, may be harmful to the bacteria in this product. See product label for further information on the use of fungicides or other chemicals in conjunction with seed treatment.
Hazardous Products of Decomposition:	Oxides of carbon

SECTION 11**TOXICOLOGICAL INFORMATION**

<i>Acute Toxicity:</i>	<i>Ingredients</i>	<i>Oral LD50 mg/kg</i>	<i>Skin LD50mg/kg</i>	<i>Inhalation Vapor/Dust/Mist LD50mg/L/4hr</i>
	Nitrogen Fixing Rhizobium Bacteria	>5,000 (Rat)/Category: NA	>2,000 (Rabbit)/Category: NA	ND
<i>Category --:</i>	Item: Acute Toxicity (mouth) / Hazard: Not applicable.			
<i>Category --:</i>	Item: Acute Toxicity (skin) / Hazard: Not applicable.			
<i>Category --:</i>	Item: Acute Toxicity (inhalation) / Hazard: Not applicable.			
<i>Category --:</i>	Item: Skin Corrosion/Irritation / Hazard: May cause mild skin irritation.			
<i>Category --:</i>	Item: Eye Damage/Irritation / Hazard: May cause eye irritation.			
<i>Category --:</i>	Item: Sensitization (skin) / Hazard: Not a skin sensitizer.			
<i>Category --:</i>	Item: Germ Toxicity / Hazard: Not applicable.			
<i>Category --:</i>	Item: Carcinogenicity / Hazard: Not applicable.			
<i>Category --:</i>	Item: Reproductive Toxicity / Hazard: Not applicable.			
<i>Category --:</i>	Item: Specific Target Organ Systemic Toxicity (single exposure) / Hazard: Not applicable.			
<i>Category --:</i>	Item: Specific Target Organ Systemic Toxicity (repeated exposure) / Hazard: Not applicable.			
<i>Category --:</i>	Item: Aspiration Hazard / Hazard: Not applicable.			

SECTION 12**ECOLOGICAL INFORMATION**

<i>Toxicity:</i>	No additional information provided for this product. See Section 3 for chemical specific data.
<i>Aquatic Ecotoxicity:</i>	This product is not expected to be toxic to the aquatic environment.
<i>Persistence and Degradability:</i>	There is no data available on the preparation itself.
<i>Bioaccumulative Potential:</i>	Not measured.
<i>Mobility in Soil:</i>	No data available.
<i>Results of PBT and vPvB Assess:</i>	This product contains no PBT/vPvB chemicals.
<i>Other:</i>	This product contains Rhizobacterial strains(s) that occur(s) naturally in soil.

SECTION 13**DISPOSAL CONSIDERATIONS**

<i>Waste Treatment Methods:</i>	Small amounts of product which cannot be used according to label instructions may be disposed of in a landfill. Always follow Federal, State and Local regulations regarding waste disposal.
<i>RCRA Waste Status:</i>	This product is not regulated as a hazardous waste. State and local regulations may affect the disposal of this product. Consult your State, Local or Provincial environmental agency for disposal of waste other than by use according to label instructions.

SECTION 14**TRANSPORT INFORMATION**

<i>UN Number:</i>	Not applicable	
<i>UN Proper Shipping Name:</i>	Not regulated	
	This product is not regulated as a hazardous material for all modes of transportation within the U.S. and Canada.	
<i>Transport Hazard Class(es):</i>	DOT (Domestic Surface Transportation):	IMO/IMDG (Ocean Transportation):
	DOT Proper Shipping: Not regulated	IMDG Proper Shipping Name: Not regulated
	DOT Hazard Class: Not applicable	IMDG Hazard Class: Not applicable
	DOT Label: None	Sub Class: Not applicable
	UN/NA Number: Not applicable	IMDG Packing Group: Not applicable
	DOT Packing Group CERCLA/DOT RQ: NA gal. / NA lbs.	
<i>Special Precautions For User:</i>	Not applicable	
<i>Transport:</i>	Transport in bulk according to Annex II of MARPOL73/78 and the IBC Code: Not applicable	
<i>Environmental Hazards IMDG:</i>	Marine Pollutant: No	
<i>Packing Group:</i>	Not applicable	

SECTION 15**REGULATORY INFORMATION**

<i>Regulatory Overview:</i>	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.
<i>OSHA Hazard Classification:</i>	Non-hazardous
<i>WHMIS/CPR Classification:</i>	This product has been classified in accordance with the hazard criteria for the Controlled Products Regulations (CPR) and this SDS contains all of the information required by the CPR.
<i>US EPA Tier II Hazards:</i>	Fire: <u>No</u> / Sudden Release of Pressure: <u>No</u> / Reactive: <u>No</u> / Immediate (acute): <u>No</u> / Delayed (chronic): <u>No</u>
<i>EPCRA 311/312:</i>	Chemicals and RQs (>0.1%): No product ingredients listed
<i>EPCRA 302:</i>	Extremely Hazardous (>0.1%): No product ingredients listed
<i>EPCRA 313</i>	Toxic Chemicals (>0.1%): Contains no reportable components
<i>Proposition 65</i>	Carcinogens (>0.0%): Contains no components subject to warning requirements
<i>Proposition 65:</i>	Developmental Toxins (>0.0%): Contains no components subject to warning requirements
<i>Proposition 65:</i>	Female Repro Toxins (>0.0%): Contains no components subject to warning requirements
<i>Proposition 65:</i>	Male Repro Toxins (>0.0%): Contains no components subject to warning requirements
<i>N.J. RTK Substance (>1%):</i>	No product ingredients listed.
<i>Penn RTK Substances (>1%):</i>	No product ingredients listed.

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