

MATERIAL SAFETY DATA SHEET

KALO, Inc. • 13200 Metcalf Ave., Ste. 370 • Overland Park, KS 66213 • USA • Toll Free 800-255-5196 • 913-491-9125 • FAX 913-491-9146 • www.kalo.com

24 Hour Emergency Assistance CHEMTREC 1-800-424-9300

PRODUCT NAME: Proforma Gold Injectable

PRODUCT CODE: 5230 & 5265

I - CHEMICAL PRODUCT AND COMPANY IDENTIFICATION

PRODUCT NAME: Proforma Gold Injectable
PRODUCT CODE: 5230 & 5265
PRODUCT CLASS: Turf wetting agent
Date Prepared: 4/26/05
Prepared by: Safety Department

HMIS Codes	
Fire	1
Health	2
Reactivity	0
Protection	x

II - COMPOSITION/HAZARDOUS INGREDIENTS

OSHA Hazardous Components (29 CFR 1910.1200)

OCCUPATIONAL EXPOSURE LIMIT

INGREDIENT - ND
PERCENT % - ND

OSHA PEL ND
ACGIH TLV ND

III - HEALTH HAZARDS IDENTIFICATION

POTENTIAL HEALTH EFFECTS

Eyes:

Slight irritation

Skin:

Mild to moderate irritation

Medical Conditions Aggravated: ND

Routes of Entry: ND

Target Organs: ND

Ingestion:

Slight throat irritation

Inhalation:

Respiratory discomfort

IV - FIRST AID

Eyes:

Immediately flush eyes with large amounts of water for 15 minutes lifting the lower and upper lids. Seek medical attention if necessary.

Skin:

Remove contaminated clothing and immediately wash affected area with large amounts of water for at least 5 minutes. If irritation or redness persists, seek medical attention as needed.

Inhalation:

Move individual to fresh air and check to assure adequate respiration. Seek medical attention if necessary.

Ingestion:

Call a physician or get medical attention. Do not induce vomiting unless directed by a physician. Promptly drink large quantities of water to dilute.

Antidotes:

Treat symptomatically.
No specific antidote available.

Note to Physician:

All treatments should be based on observed signs and symptoms of distress in the patient. Consideration should be given to the possibility that overexposure to materials other than this product may have occurred.

V - FIRE-FIGHTING MEASURES

Flashpoint: >200°F
Method: PMCC
Flammable Limits: ND
Autoignition Temperature: ND
OSHA Flammability Class: ND
Extinguishing Media: Dry chemical, water spray, water fog, CO₂, foam, sand or earth

Explosion Hazards: ND

Fire Fighting Equipment: Firefighters should wear NIOSH/MSHA approved self-contained breathing apparatus and full protective clothing.

Fire Fighting Procedures: ND

VI - ACCIDENTAL RELEASE MEASURES

STEPS TO BE TAKEN IN CASE MATERIAL IS RELEASED OR SPILLED:

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.

VII - HANDLING AND STORAGE

MINIMUM STORAGE TEMPERATURES: 40° F

MAXIMUM STORAGE TEMPERATURES: 120° F

Handling: Avoid breathing vapors and mists. Avoid prolonged contact with skin and eyes.

Storage: Store in tightly closed original labeled containers. Store in a dry, well ventilated area away from ignition sources and incompatible materials.

VIII - EXPOSURE CONTROLS/PERSONAL PROTECTION

PERSONAL HYGIENE IS AN IMPORTANT EXPOSURE CONTROL MEASURE.

THE FOLLOWING GENERAL MEASURES SHOULD BE TAKEN WHEN WORKING OR HANDLING THIS MATERIAL.

Personal Protection

These recommendations provide general guidelines for handling this product. Because specific work environments and material handling practices vary, safety procedures should be developed for each intended application.

Skin

Skin contact should be minimized through the use of gloves and suitable long-sleeved clothing (i.e., shirts and pants)

Respiratory

Use NIOSH/MSHA approved respirator when exposure limits have been exceeded or are expected.

Eyes and Face

The use of chemical safety glasses with side shields or splash proof goggles when using this product is recommended. An emergency eye wash and safety shower should be accessible to the work area.

Work Hygienic Practices

- 1) Do not store, use, and/or consume foods, beverages, tobacco products, or cosmetics in areas where this material is stored.
- 2) Wash hands and face carefully before eating, drinking, using tobacco, applying cosmetics, or using the toilet.
- 3) Wash exposed skin promptly to remove accidental splashes of contact with this material.

IX - PHYSICAL AND CHEMICAL PROPERTIES

Odor:	sweet	Density:	ND
Appearance:	hazy liquid	Particle Size:	NA
Color:	pale yellow	Specific Gravity:	1.08 @ 20° C
pH:	5-7	Viscosity:	ND
Solubility in Water:	soluble		

X - STABILITY AND REACTIVITY

Stable:	Yes
Conditions to Avoid:	Heat, open flame, spark
Hazardous Polymerization:	Will not occur
Hazardous Decomposition:	Carbon monoxide and carbon dioxide from burning
Incompatible Materials:	Strong oxidizers such as hydrogen peroxide, bromine and chromic acid

XI - TOXICOLOGICAL INFORMATION

Acute Oral:	ND	Eye Irritation:	ND
Acute Dermal:	ND	Skin Irritation:	ND

XII - DISPOSAL CONSIDERATIONS

Empty Container: Since empty packaging contain residues of the product, all labeled hazard precautions should be observed. Always follow Federal, State and Local regulations regarding waste disposal.

XIII - TRANSPORTATION INFORMATION

DOT
REFER TO BILL OF LADING FOR CURRENT SHIPPING INFORMATION.

XIV - REGULATORY INFORMATION

SARA TITLE III (Superfund Amendments and Reauthorization Act)

302/311/312 Hazard Categories: None

304 CERCLA/313 Reportable Ingredients: None

TSCA Status: All chemical substances in this product are listed in the TSCA inventory.

XV - OTHER INFORMATION

THE INFORMATION IN THIS MSDS IS GIVEN IN GOOD FAITH BASED ON OUR EXPERIENCE AND DATA PRESENTED IN VARIOUS TECHNICAL PUBLICATIONS. IT IS THE USERS RESPONSIBILITY TO DETERMINE THE SUITABILITY OF THIS INFORMATION FOR THE ADOPTION OF SAFETY PRECAUTIONS AS MAY BE NECESSARY. THE INFORMATION CONTAINED HEREIN IS FURNISHED WITHOUT WARRANTY OF ANY KIND.