



SECTION 1 IDENTIFICATION

Company Name	KALO, Inc.	24 HOUR EMERGENCY NUMBER/CHEMTREC (USA) 1-800-424-9300 Poison Control Center (USA) 1-800-222-1212
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	Foam-Dye Blue	
Reference/Item Number	FD02	
Other Identification	Blue Liquid Color	
Intended Use	Industrial Color Additive	
Restrictions	Not available. Not determined.	
Application Method	See technical data sheet.	

SECTION 2 HAZARD(S) IDENTIFICATION

<p><i>This mixture has not been tested as a whole. It contains ingredients which could be released from the mixture in concentrations which would exceed an established OSHA permissible exposure limit or ACGIH Threshold Limit Value, or could present a health risk to employees.</i></p>	HAZARD COMMUNICATION STANDARD (HCS) PICTOGRAM(S) and SIGNAL WORD N/A
[HAZARD STATEMENTS]:	
This product is not classified as dangerous according to OSHA Hazard Communication Standard (29 CFR 1910.1200).	
P261:	Avoid breathing dust/fume/gas/mist/vapours/spray.
P262:	Do not get in eyes, on skin, or on clothing.
P270:	Do not eat, drink or smoke when using this product.
[PRECAUTIONARY STATEMENTS]:	
This product is not classified as dangerous according to OSHA Hazard Communication Standard (29 CFR 1910.1200).	
P302+350+353:	IF ON SKIN: Wash skin with soap and water/shower.
P305+P338:	IF IN EYES: Remove contact lenses if present and easy to do; continue rinsing.
[INGREDIENT(S) WITH UNKNOWN ACUTE TOXICITY]:	
None	
[HAZARDS NOT OTHERWISE CLASSIFIED IDENTIFIED DURING THE CLASSIFICATION PROCESS]:	
None	
[STORAGE]:	
P403:	Store in a well-ventilated place.
[DISPOSAL]:	
P501:	Dispose of contents/container in accordance with local/national regulations.

SECTION 3 COMPOSITION/INFORMATION ON INGREDIENTS

Substances:	Not determined.
Mixtures:	None.
<i>This product contains no components at levels reportable as hazardous per OSHA Hazard Communication Standard 29 CFR 1910.1200, or in physical form reportable as hazardous per OSHA Hazard Communication Standard 29 CFR 1910.1200.</i>	

SECTION 4 FIRST AID MEASURES

Eyes:	Wash immediately with water.
Skin:	Wash with plenty of water and disinfectant/non-abrasive soap.
Ingestion:	Do not induce vomiting. Get medical attention, showing the SDS and label hazards.
Inhalation:	Remove victim to fresh air and keep warm and at rest.
Notes to Physician:	Treat according to person's condition and specifics of exposure.
Symptoms/Effects:	Not determined.
Additional Information:	Have the product container or label with you when calling a poison control center or doctor, or going in for treatment. For emergency medical assistance call CHEMTREC 1-800-424-9300.

SECTION 5 FIRE FIGHTING MEASURES

Extinguishing Media:	Water, CO2, foam, chemical powders, according to the materials involved in the fire.
Firefighting Measures:	In case of fire use: foam, dry chemical, CO2.
Hazards Arising From the Chemical:	Do not inhale explosion and combustion gases. Burning produces heavy smoke.
Hazardous Combustion Products:	Not determined.
Explosive Properties:	Not determined.
Oxidizing Properties:	Not determined.
Protective Equipment and Precautions for Firefighters:	Use suitable breathing apparatus. Collect contaminated fire extinguishing water separately. This must not be discharged into drains. Move undamaged containers from immediate hazard area if it can be done safely.

SECTION 6 ACCIDENTAL RELEASE MEASURES

Methods and Materials for Containment and Cleaning Up:	Use dry and inert absorbing material (e.g. vermiculite, sand, earth). Wash with plenty of water.
Personal Precautions, Protective Equipment and Emergency Procedures:	Wear personal protection equipment. Remove persons to safety. Refer to Section 7 [HANDLING AND STORAGE] for further protective measures.

SECTION 7 HANDLING AND STORAGE

Handling:	Avoid contact with skin and eye. Avoid inhaling vapours and mists. Do not eat or drink while working.
Storage:	Store in well-ventilated place.

SECTION 8 EXPOSURE CONTROLS/PERSONAL PROTECTION

Control Parameters:	No data available.
Engineering Controls:	Not determined.
[PERSONAL PROTECTIVE EQUIPMENT]	
Eyes and Face:	Not needed for normal use. Operate according to good work practices.
Skin:	No special precaution must be adopted for normal use.
Respiratory Protection:	Control worker exposure to below detectable levels. However, if an effective ventilation system is not in use, use a NIOSH-approved respirator for organic vapors and/or dusts. Where appropriate, use closed systems to transfer and process this material. If appropriate, isolate mixing rooms and other areas where this material is used or openly handled. Maintain these areas under negative air pressure relative to the rest of the plant. Use local exhaust as required to capture all airborne vapors and dust. No Data Available
Protective Clothing:	Not needed for normal use.
Precautionary Measures:	Avoid eye contact at all times. Use reasonable care. Exercise good industrial hygiene.

SECTION 9 PHYSICAL AND CHEMICAL PROPERTIES

Appearance:	Dark Bluish Purple Liquid	Upper Flammability Limits:	Not determined
Odor:	Not determined	Lower Flammability Limits:	Not determined
Odor Threshold:	Not determined	Vapor Pressure (Pa):	Not determined
pH:	5.30	Vapor Density:	Not determined
Melting/Freezing Points (°C):	Not determined	Solubility in Water:	Dispersible
Initial Boiling Point/Range (°C):	Not determined	Partition Co-efficient n-octanol/water (Log Kow):	Not determined
Flash Point:	>100°C / 212°F	Auto-Ignition Temperature (°C):	Not determined
Evaporation Rate (Ether=1):	Not determined	Decomposition Temperature:	Not determined
Flammability (Solid, Gas):	Not determined	Relative Density @25°C:	Not determined
Specific Gravity @ 20°C	Not determined	Bulk Density @25°C:	Not determined
Volatile Organic %:	Not determined	Viscosity @25°C:	Not determined
Other:	Not determined		

SECTION 10 STABILITY AND REACTIVITY

Reactivity:	Stable under normal conditions.
Chemical Stability:	Data not available.
Hazardous Reactions:	Burning produces carbon monoxide and/or carbon dioxide.
Conditions to Avoid:	Stable under normal conditions of temperature and pressure.
Incompatible Materials:	Avoid strong oxidizing agents, peroxides, acids, alkali metals.
Hazardous Decomposition:	Burning produces carbon monoxide and/or carbon dioxide.

SECTION 11**TOXICOLOGICAL INFORMATION**

Acute Toxicity Estimate (ATE):	No data available.
Category --:	Item: Acute Toxicity (oral) / Hazard: Not applicable.
Category --:	Item: Acute Toxicity (skin) / Hazard: Not applicable.
Category --:	Item: Acute Toxicity (inhalation) / Hazard: Not applicable.
Category --:	Item: Acute Toxicity (eye) / Hazard: Not applicable.
Category --:	Item: Skin Corrosion/Irritation / Hazard: Not applicable.
Category --:	Item: Eye Damage/Irritation / Hazard: Not applicable.
Category --:	Item: Sensitization (respiratory) / Hazard: Not applicable.
Category --:	Item: Sensitization (skin) / Hazard: Not applicable.
Category --:	Item: Germ Cell Mutagenicity / 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:	Adopt good working practices so that the product is not released into the environment.
Ecotoxicity:	No data available.
Persistence and Degradability:	Not determined.
Bioaccumulative Potential:	Not determined.
Mobility In Soil:	Not determined.
Other Adverse Effects:	Not determined.

SECTION 13**DISPOSAL CONSIDERATIONS**

Waste Treatment Methods: Any disposal practice must be in compliance with local, state and federal laws and regulations (contact local or state environmental agency for specific rules). Do not dump into sewers, any body of water or onto the ground. Recover if possible. In so doing, comply with the local and national regulations currently in force.

SECTION 14**TRANSPORT INFORMATION**

UN Numbers:	ADR/DOT/IATA/IMDG: N/A
Un Proper Shipping Name:	ADR/DOT/IATA/IMDG: N/A
Transport Hazard Class(es):	ADR/DOT/IATA/IMDG: N/A
Packing Groups:	ADR/DOT/IATA/IMDG: N/A
Environmental Hazards:	Marine Pollutant: No / Environmental Pollutant: Not determined

Transport in Bulk According to Annex II of MARPOL73/78 and the IBC Code: Not determined

DOT Special Provisions:	N/A
DOT Labels:	N/A
DOT Symbol:	N/A
DOT Cargo Aircraft:	N/A
DOT Passenger Aircraft:	N/A
DOT/TDG Bulk:	N/A
DOT Non-Bulk:	N/A

Road and Rail (ADR-RID) Label:	N/A
ADR Upper Number:	N/A
ADR Tunnel Restriction Code:	N/A

Air (IATA) Passenger Aircraft:	N/A
IATA Cargo Aircraft:	N/A
IATA Label:	N/A
IATA Sub-Risk:	N/A
IATA Erg.:	N/A
IATA Special Provisioning:	N/A

Sea (IMDG) Stowage Code:	N/A
IMDG Stowage Note:	N/A
IMDG Sub-Risk:	N/A
IMDG Special Provisioning:	N/A
IMDG Page:	N/A
IMDG Label:	N/A
IMDG EMS:	N/A
IMDG MFAG:	N/A

SECTION 15**REGULATORY INFORMATION****TOXIC SUBSTANCES CONTROL ACT (TSCA):**

TSCA Inventory: All the components are listed on the TSCA inventory.
TSCA Listed Substances: No substances listed.

SUPERFUND AMENDMENTS AND REAUTHORIZATION ACT (SARA):

Section 302: Extremely Hazardous Substances: No substances listed.
Section 304: Hazardous Substances: No substances listed.
Section 313: Toxic Chemical List: No substances listed.

COMPREHENSIVE ENVIRONMENTAL RESPONSE, COMPENSATION AND LIABILITY ACT (CERCLA)

Substances Listed: No substances listed.

CLEAN AIR ACT (CAA):

Substances Listed: No substances listed.

CLEAN WATER ACT (CWA):

Substances Listed: No substances listed.

CALIFORNIA PROPOSITION 65

Substances Listed: No substances Listed.

MASSACHUSETTS RIGHT TO KNOW

Substances Listed: No substances Listed.

PENNSYLVANIA RIGHT TO KNOW

Substances Listed: No substances Listed.

NEW JERSEY RIGHT TO KNOW

Substances Listed: No substances Listed.

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.

Legend to abbreviations and acronyms used in the safety data sheet:

ADR: European Agreement concerning the International Carriage of Dangerous Goods by Road.
 RID: Regulation Concerning the International Transport of Dangerous Goods by Rail
 IMDG: International Maritime Code for Dangerous Goods
 IATA: International Air Transport Association
 IATA-DGR: Dangerous Goods Regulation by the "International Air Transport Association" (IATA)
 ICAO: International Civil Aviation Organization
 ICAO-TI: Technical Instructions by the "International Civil Aviation Organization" (ICAO)
 GHS: Globally Harmonized System of Classification and Labeling of Chemicals
 CLP: Classification, Labeling, Packaging
 EINECS: European Inventory of Existing Commercial Chemical Substances
 INCI: International Nomenclature of Cosmetic Ingredients
 CAS: Chemical Abstracts Service (division of the American Chemical Society)
 GefStoffVO: Ordinance on Hazardous Substances, Germany
 LC50: Lethal concentration, for 50 percent of test population
 LD50: Lethal dose, for 50 percent of test population
 DNEL: Derived No Effect Level
 PNEC: Predicted No Effect Concentration
 TLV: Threshold Limiting Value
 TWATLV: Threshold Limiting Value for the Time Weighted Average 8 hour day.(ACGIH Standard)
 STEL: Short Term Exposure limit
 STOT: Specific Target Organ Toxicity
 WGK: German Water Hazard Class
 KSt: Explosion coefficient for the damage.