



SAFETY DATA SHEET

Keda Dye LLC
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HMIS RATINGS: HEALTH: 1 FIRE: 1 PHYSICAL HAZARD: 0 PERSONAL PROTECTION: F

Version 14

SECTION 1: PRODUCT IDENTIFICATION

Product I.D.: Product Name:	Keda Golden Brown - 06
Description:	Acid Golden Brown Powder
Chemical Family:	Powdered Acid Golden Brown Dye Compound
Effective Date:	Contains multiple dye families
	September 1, 2015

SECTION 2: HAZARD IDENTIFICATION AND EMERGENCY OVERVIEW

Classification:

Not a dangerous substance or mixture according to the Globally Harmonized System (GHS)

Emergency Overview:

Not Hazardous – The product contains no substances which at their given concentration, are considered to be hazardous to health.

Precautionary Statements:

P280 – Wear protective gloves/protective clothing/eye protection/face protection

P260 – Do not breathe dust/fume/gas/mist/vapors/spray

P501 – Dispose of contents/container to an approved disposal plant

Hazards Not Otherwise Classified (HNOC):

Unknown Acute Toxicity – 100 percent of the mixture consists of ingredient(s) of unknown acute toxicity.

SECTION 3: Composition/information on Ingredients

This chemical is not considered hazardous by the 2012 OSHA Hazard Communication Standard (29 CFR 1910.1200)

SECTION 4: FIRST AID INSTRUCTIONS**Eye Contact:**

Immediately rinse with flowing water for at least 15 minutes while holding eyelids open. Get immediate medical attention, as a precaution.

Skin Contact:

Wash affected area with soap and rinse with plenty of water.

Inhalation:

Move to fresh air.

Ingestion:

Clean mouth with water and drink plenty of water afterwards.

Most important symptoms/effects, acute and delayed**Main symptoms**

No information available.

Indication of immediate medical attention and special treatment needed, if necessary**Notes to physician**

Treat symptomatically.

SECTION 5: FIRE FIGHTING INSTRUCTIONS**Suitable extinguishing media**

Use extinguishing measures that are appropriate to local circumstances and the surrounding environment.

Unsuitable extinguishing media:

Keep away from heat and sources of ignition.

Specific Hazards Arising from the Chemical:

No information available

Explosion Data:

Sensitivity to Mechanical Impact – None

Sensitivity to Static Discharge – Fine dust dispersed in air, in sufficient concentrations, and in the presence of an ignition source is a potential dust explosion hazard.

Protective Equipment and Precautions for Firefighters:

As in any fire, wear self-contained breathing apparatus pressure-demand. MSHA/NIOSH (approved or equivalent) and full protective gear.

SECTION 6: ACCIDENTAL SPILL OR RELEASE INSTRUCTIONS**Personal precautions, protective equipment and emergency procedures:****Personal Precautions:**

Avoid contact with the skin and the eyes. Use personal protective equipment. For personal protection see section 8. Ensure adequate ventilation.

Environmental Precautions:

Prevent further leakage or spillage if safe to do so.

Methods and materials for containment and cleaning up:

Methods for containment: Prevent further leakage or spillage if safe to do so.

Methods for Cleaning Up: Use personal protective equipment. Cover powder spill with plastic sheet or tarp to minimize spreading and keep powder dry. Take up mechanically placing in appropriate containers for disposal. Avoid dust formation. Clean contaminated surface thoroughly.

SECTION 7: HANDLING AND STORAGE

Precautions for Safe Handling:

Advice on safe handling:

Avoid contact with skin, eyes and clothing. Do not breathe vapors/dust. In case of insufficient ventilation, wear suitable respiratory equipment. Wear personal protective equipment. Handle in accordance with good industrial hygiene and safety practice. Remove and wash contaminated clothing before re-use. Provide appropriate exhaust ventilation at places where dust is formed. Do not eat, drink or smoke when using this product. Use personal protection recommended in Section 8.

Conditions for safe storage, including any incompatibilities:

Technical measures/Storage Conditions

Store locked up. Keep containers tightly closed in a dry, cool and well-ventilated place. Keep in properly labeled containers. Store in accordance with the particular national regulations. Store in accordance with local regulations.

Incompatible Products: None known based on information supplied.

SECTION 8: EXPOSURE CONTROLS AND PERSONAL PROTECTION

Control Parameters

Exposure guidelines This product, as supplied, does not contain any hazardous materials with occupational exposure limits established by the region specific regulatory bodies

Exposure Controls

Engineering Measures Showers
Eyewash stations
Ventilation systems. Apply technical measures to comply with the occupational exposure limits. Process enclosure and/or ventilation systems.

Individual protection measures, such as personal protective equipment

Eye/Face Protection Tightly fitting safety goggles. Avoid contact with eyes. Eyewash fountains should be provided in areas where there is any possibility that workers could be exposed to the substances; this is irrespective of the recommendation involving the wearing of eye protection.

Skin and Body Protection Skin and Body Protection. Wear protective gloves and protective clothing. Wear impervious protective clothing, including boots, gloves, lab coat, apron or coveralls, as appropriate, to prevent skin contact.

Respiratory Protection If exposure limits are exceeded or irritation is experienced, NIOSH/MSHA approved respiratory protection should be worn.

Hygiene Measures Handle in accordance with good industrial hygiene and safety practice. Do not eat, drink or smoke when using this product. Remove and wash contaminated clothing before re-use. Regular cleaning of equipment, work area and clothing is recommended. Wear suitable gloves and eye/face protection. Wash hands before breaks and immediately after handling the product. Wear personal protective equipment.

SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

Physical and Chemical Properties

Physical State	Powder		
Appearance odor	Brownish powder	Odor	slight to no odor
Threshold	No information available		

Property

pH

Melting point

Boiling point/boiling range Flash Point

GOLDEN BROWN POWDER Revision date: 09/01/2015

Evaporation Rate		
Flammability (solid, gas)		
Flammability Limits in Air		
Upper Flammability Limit	VALUES	<u>Remarks • Method</u>
Lower Flammability Limit	No information available	N/A
Vapor pressure	No information available	Not applicable
Vapor Density	no data available	
Specific gravity	No data available	
Solubility in Other Solvents		
Partition coefficient: n- octanol/water	No information available	no data available
Autoignition Temperature	No information available	
Decomposition temperature	No information available	
Kinematic viscosity	No information available	
Dynamic viscosity	No information available	
Explosive Properties	No information available	N/A
Oxidizing Properties		
	No information available	
<u>OTHER INFORMATION</u>	No Data available	N/A
Softening Point	No information available	
Molecular Weight	No Data available	
VOC Content (%)	No information available	
Density	No information available	
	No information available	
	No information available	
	No information available	

SECTION 10: STABILITY AND REACTIVITY

Reactivity:

No data available.

Chemical Stability:

Stable under recommended storage conditions.

Hazardous Reactions:

None under normal processing.

Conditions to Avoid:

Extremes of temperature and direct sunlight.

Incompatible Materials:

None known based on information supplied.

Hazardous Decomposition Products:

May emit toxic fumes under fire conditions.

SECTION 11: TOXICOLOGICAL INFORMATION

Information on Likely Routes of Exposure

Product information	Product does not present an acute toxicity hazard based on known or supplied information
INHALATION	Avoid breathing vapors or mists.
Eye Contact	Avoid contact with eyes.
Skin Contact	Avoid contact with skin.
INGESTION	Not an expected route of exposure.

Information on Toxicological Effects

Symptoms No information available.

Delayed and immediate effects as well as chronic effects from short and long-term exposure

Irritation	MAY CAUSE EYE IRRITATION
Sensitization	No Information available
Germ cell mutagenicity	No Information available
Carcinogenicity	No Information available
Reproductive Toxicity	No Information available
Specific target organ systemic toxicity (single exposure)	No Information available
Specific target organ systemic toxicity (repeated exposure)	No Information available
Aspiration Hazard	No Information available

Numerical Measures of Toxicity – Product Information

Unknown Acute Toxicity 100% of the mixture consists of ingredients of unknown acute toxicity

SECTION 12: ECOLOGICAL DATA

Ecotoxicity

100% of the mixture consists of components(s) of unknown hazards to the aquatic environment

Persistence and Degradability

No information available.

Bioaccumulation

No information available.

Other Adverse Effects No information available

SECTION 13: DISPOSAL AND ENVIRONMENTAL CONSIDERATION

Waste Treatment

Waste Disposal Methods Should not be released into the environment. Dispose of in accordance with local regulations. This material, as supplied, is not a hazardous waste according to state and federal regulations (40 CFR 261).

Contaminated Packaging Do not re-use empty containers. Dispose of in accordance with local regulations.

SECTION 14: TRANSPORTATION INFORMATION

DOT
Description NOT REGULATED

MEX

IATA
Description NOT REGULATED

IMDG
Description NOT REGULATED

RID

ADN

SECTION 15: REGULATORY INFORMATION

International Inventories

TSCA	Listed
EINECS/ELIN	Listed
CS DSL	Not Determined
NDSL	Listed
PIGGS	Listed
ENCS	Listed
IECSC	Listed
AICS	Listed
KECL	Listed
NZIoC	Listed

Legend

TSCA - United States Toxic Substances Control Act Section 8(b) Inventory

EINECS/ELINCS - European Inventory of Existing Commercial Chemical Substances/EU List of Notified Chemical Substances

DSL/NDSL - Canadian Domestic Substances List/Non-Domestic Substances List

PICCS - Philippines Inventory of Chemicals and Chemical Substances

ENCS - Japan Existing and New Chemical Substances

IECSC - China Inventory of Existing Chemical Substances

AICS - Australian Inventory of Chemical Substances

KECL - Korean Existing and Evaluated Chemical Substances

NZIoC - New Zealand Inventory of Chemicals

REACH registration number Keda Dye LLC has taken all relative steps to ensure REACH-Compliance. Please contact us with any REACH-Related questions at Kedadyeinc@gmail.com.

CO.UK RESTRICTIONS - REACH TITLE VIII No information available

US Federal Regulations

SARA 313

Section 313 of Title III of the Superfund Amendments and Reauthorization Act of 1986 (SARA). This product does not contain any chemicals which are subject to the reporting requirements of the Act and Title 40 of the Code of Federal Regulations, Part 372

SARA 311/312 Hazard Categories

Acute health hazard	NO.
Chronic health hazard	NO.
Fire hazard	NO.
Sudden Release of Pressure Hazard	NO.
Reactive Hazard	NO.

Clean Water Act

This product does not contain any substances regulated as pollutants pursuant to the Clean Water Act (40 CFR 122.21 and 40 CFR 122.42).

CERCLA

This material, as supplied, does not contain any substances regulated as hazardous substances under the Comprehensive Environmental Response Compensation and Liability Act (CERCLA) (40 CFR 302) or the Superfund Amendments and Reauthorization Act (SARA) (40 CFR 355). There may be specific reporting requirements at the local, regional, or state level pertaining to releases of this material.

US State Regulations

California Proposition 65

This product does not contain any Proposition 65 chemicals

U.S. State Right-to-Know Regulations

International Regulations

Canada

WHMIS NOTE

This product has been classified in accordance with the hazard criteria of the Controlled Products Regulations (CPR) and the MSDS contains all the information required by the CPR.

WHMIS Hazard Class

Not Controlled

GOLDEN BROWN POWDER Revision date: 09/01/2015

HMIS HEALTH HAZARD (1) FLAMMABILITY (1) PHYSICAL HAZARD (0) PERSONAL PROTECTION (F)

SECTION 16: OTHER INFORMATION

Revision Date: 01-Sep-2015
Revision note: No information available
Restrictions on use No information available

Contact Information Website www.kedadyeinc.com

Disclaimer:

The information provided on this MSDS is correct to the best of our knowledge, information and belief at the date of its publication. The information given is designed only as a guide for safe handling, use, processing, storage, transportation, disposal and release and is not to be considered as a warranty or quality specification. The information relates only to the specific material designated and may not be valid for such material used in combination with any other material or in any process, unless specified in the text

END OF MATERIAL SAFETY DATA SHEET