Kaspar Graphic Solutions

2185 Hwy 292 - Inman, SC 29349
Office: (864) 472-6604

Safety Data Sheet
Material Identity: KGS-LO/N
Version 1.0 (03/2017)

SECTION 1 • COMPANY AND PRODUCT IDENTIFICATION

Manufacturer:
Kaspar Graphic Solutions
2185 HWY 292
Inman, SC 29349

Emergency Phone: (800) 424-9300
Information Phone: (864) 472-0334
Synonyms: KGS-LO/N

SECTION 2 • HAZARDS IDENTIFICATION

Classification of the chemical in accordance with paragraph (d) of 29 CFR 1910.1200:

Hazard Class	Hazard Category	Route of exposure
Flammable liquid	Category 4	---
Acute aquatic toxicity	Category 1	---
Chronic aquatic toxicity	Category 1	---

GHS Label elements, including precautionary statements

Contains: Isopropyl aromatic compounds (proprietary)

Pictograms

Signal Word: Warning

Hazard Statements:
H227: Combustible liquid
H304: May be fatal if swallowed and enters airways.

Precautionary Statements:
P210: Keep away from flames and hot surfaces – No smoking
P280: Wear protective gloves and eye/face protection.
P332 + P313: If skin irritation occurs: Get medical advice/attention
P370 + P378: In case of fire: Use dry sand, dry chemical or alcohol resistant foam for extinction.
P403 + P235: Store in a well-ventilated place. Keep cool.
P405: Store locked up.
P501: Dispose of contents and container in accordance with local regulations.

SECTION 3 • COMPOSITION AND INFORMATION ON INGREDIENTS

Chemical Name	CAS #	Weight %
Isopropyl aromatic compounds	Proprietary	65-85
Aliphatic dibasic ester	14035-94-0	15-35

SECTION 4 • FIRST AID MEASURES

Inhalation: Vapors may cause drowsiness, and irritation to respiratory tract. If inhaled, remove to fresh air and seek medical attention.

Eyes: Thoroughly flush eyes with water for at least 15 minutes with eyelids forced open. Seek medical attention.

Skin: Remove contaminated articles of clothing. Wash skin thoroughly with soap and water. Seek medical attention.

Ingestion: Do not induce vomiting. Danger of aspiration of vomit into the lungs can cause serious damage and chemical pneumonitis. Seek medical attention immediately.

SECTION 5 • FIRE FIGHTING PROCEDURES

Extinguishing Media: To extinguish flames use water spray, dry chemical, carbon dioxide (CO2), or firefighting foam.

Fire Fighting Instructions: Cool exposed containers with water spray. Wear self-contained breathing apparatus (SCBA) operated in pressure demand mode and full bunker firefighter's protective clothing.

Fire and Explosion Hazards: Containers can rupture and explode under fire conditions due to pressure and vapor buildup. Heated vapors may form explosive mixture with air. Vapors may travel across the ground and reach an ignition source.

Hazardous Combustion Products: Carbon oxides

SECTION 6 • ACCIDENTAL RELEASE AND DISPOSAL MEASURES

Spills: Ventilate the area and stop source of spill. Salvage and recycle as much material as possible. Eliminate sources of ignition. For small spills, use absorbent material such as towels or absorbent powders. Put all material into proper waste disposal container with lid tightly covered. Solvent soaked materials may spontaneously combust.

For larger spills, dike spill, recover free liquid, collect with an electrically protected vacuum cleaner or by wet-brushing, and use absorbent material to dry area and then rinse area with water. Put all material into appropriate waste containers. Avoid contaminating ground and surface water.

Waste Disposal Method: Do not flush to drain. Follow local, state and federal regulations for disposal.

SECTION 7 • HANDLING AND STORAGE

Precautions To Be Taken In Handling and Storage: Avoid contact with product. Do not breathe vapors.
Always store in tightly sealed and properly labeled original container. Store in a cool, dry, well-ventilated area, away from acute fire hazards. Use non-sparking tools. Bond and ground all equipment to prevent static discharge during transfer.

Other Precautions: Keep container tightly closed in a dry and well-ventilated place. Containers which are opened must be carefully resealed and kept upright to prevent leakage.

SECTION 8 • EXPOSURE CONTROLS, PERSONAL PROTECTION

Engineering Controls: Use explosion-proof ventilation equipment. Provide ventilation or other engineering controls to keep the airborne concentrations of vapor or mists below the applicable workplace exposure limits indicated below. The level of protection and types of controls will vary depending upon potential exposure conditions.

Individual Protection Measures, such as personal protective equipment:
Skin Protection: If prolonged or repeated skin contact is likely, wear appropriate protective gloves.
Eye Protection: Wear appropriate protective chemical safety glasses, goggles, or face shield as described by OSHA's eye and face protection regulations in 29 CFR 1910.133.
Clothing: Selection of protective clothing depends on work conditions.
Respirators: Where adequate ventilation is not available an approved respirator must be worn. Respirator selection, use and maintenance should be in accordance with the requirements of OSHA Respiratory Protection Standard, 29 CFR 1920.134. In confined areas, use a self-contained breathing apparatus.
Other Equipment: Adequate explosion proof ventilation to control airborne concentrations below the exposure limits. Eye wash station and drenching shower in close proximity to use are advised.

SECTION 9 • PHYSICAL AND CHEMICAL PROPERTIES

Appearance:	Clear water white
Physical State:	Liquid
pH:	Not available
Vapor Pressure:	Not available
Vapor Density:	Not available
Boiling Point:	203ºC (397.4ºF)
Flashpoint:	71ºC (159.8ºF)
Solubility in water:	(> 1 g/l, estimated)
Specific Gravity:	0.9
Autoignition:	Not available
Evaporation Rate:	Not available
Flammability(solid: gas):	Not available
Upper Explosion limit:	Not available

Lower Explosion limit: Not available
Viscosity: Not available

SECTION 10 • STABILITY AND REACTIVITY

Chemical Stability: Stable under normal use and temperature conditions
Conditions to Avoid: No data available
Materials to Avoid: No data available
Reactivity: No data available
Possibility of hazardous reactions: Hazardous polymerization does not occur
Incompatible materials: Strong oxidizing agents

SECTION 11 • TOXICOLOGICAL INFORMATION

Signs and Symptoms of Overexposure:

Skin: Severity depends on the amount and duration of exposure.
Eyes: Liquid contact can cause stinging and tearing.
Inhalation: Excessive inhalation of high concentrations may be harmful. Expected to be a low hazard for recommended handling.
Ingestion: Expected to be a low ingestion hazard.

Carcingenicity:

American Conference of Governmental Industrial Hygienists: No component of this product present at levels greater than or equal 0.1% is identified as a carcinogen or potential carcinogen by ACGIH.

International Agency for Research on Cancer: No component of this product present at levels greater than or equal to 0.1% is identified as probable, possible or confirmed human carcinogen by IARC.

US National Toxicology Program: No component of this product present at levels greater than or equal to 0.1% is identified as a known or anticipated carcinogen by NTP.

US Occupational Safety and Health Administration: No component of this product present at levels greater than or equal to 0.1% is identified as a carcinogen or potential carcinogen by OSHA.

California Prop. 65: This product does not contain any chemicals known to the State of California to cause cancer, birth defects, or any other reproductive harm.

SECTION 12 • ECOLOGICAL INFORMATION

The following properties are estimated from the components of the preparations**.**

Potential Toxicity:

Toxicity to fish (LC50): <1 mg/l estimated

Toxicity to daphnia (EC50): <1 mg/l estimated

Persistence and degradability:

Not readily biodegradable

Bioaccumulative potential:

No data available

Mobility in soil:

No information available

SECTION 13 • DISPOSAL CONSIDERATIONS

Waste Disposal: Chemical waste generators must determine whether a discarded chemical is classified as a hazardous waste. US EPA guidelines for the classification determination are listed in 40 CFR Parts 261.3. Additionally, waste generators must consult state and local hazardous waste regulations to ensure complete and accurate classification.

SECTION 14 • TRANSPORT INFORMATION

US DOT Status:

Proper Shipping Name: Environmentally hazardous substance, liquid, N.O.S (isoparaffinic hydrocarbon)

Hazard Class: 9

UN Number: 1993

Packaging Group: 3

Marine Pollutant Status: Marine pollutant

Marine Pollutant(s): isoparaffinic hydrocarbon

IMDG:

Proper Shipping Name: Environmentally hazardous substance, liquid, N.O.S (isoparaffinic hydrocarbon)

Hazard Class: 9

UN Number: 3082

Packaging Group: 3

Marine Pollutant Status: Marine pollutant

Marine Pollutant(s): isoparaffinic hydrocarbon

ISTA:

Proper Shipping Name: Environmentally hazardous substance, liquid, N.O.S (isoparaffinic hydrocarbon)

Hazard Class: 9

UN Number: 3082

Packaging Group: 3

Marine Pollutant Status: Marine pollutant

SECTION 15 • REGULATORY INFORMATION

Notification Status:

Regulartory List	Notification Status
TSCA	All listed
DSL	Not all listed
NDSL	Listed
EINECS	Not all listed
ELINCS	Listed
NLP	None listed
AICS	Not all listed
IECS	Not all listed
ENCS	All listed
ECI	Not all listed
NZIoC	Not all listed
PICCS	Not all listed

"Not all listed" indicated one or more component is either not on the public inventory or is subject to exemption requirements.

Other regulations

U.S. - CERCLA/SARA (40 CFR § 302.4 Designation of hazardous substances):
No components of this product are subject to the SARA Section 302 (40 CFR 302.4) reporting requirements.

U.S. - CERCLA/SARA - Section 302 (40 CFR § 355 Appendices A and B - The List of Extremely Hazardous Substances and Their Threshold Planning Quantities):
No components of this product are subject to the SARA Section 302 (40 CFR 355) reporting requirements.

U.S. - CERCLA/SARA - Section 313 (40 CFR § 372.65 Toxic Chemical Release Reporting):
No components of this product are subject to the SARA Section 313 (40 CFR 372.65) reporting requirements.

U.S. - California - 8 CCR Section 339 - Director's List of Hazardous Substances:
No components found on the California Director's List of Hazardous

Substances.
U.S. - California - 8 CCR Section 5200-5220 - Specifically Regulated Carcinogens:
No components found on the California Specifically Regulated Carcinogens List.
U.S. - California - 8 CCR Section 5203 Carcinogens: No components found on the California Section 5203 Carcinogens List.
U.S. - California - 8 CCR Section 5209 Carcinogens: No components found on the California Section 5209 Carcinogens List.
U.S. - Massachusetts - General Law Chapter 111F (MGL c 111F) - Hazardous Substances Disclosure by Employers (a.k.a. Right to Know Law):
No components regulated under the Massachusetts Hazardous Substances Disclosure by Employers Law.
U.S. - Minnesota Employee Right-to-Know (5206.0400, Subpart 5. List of Hazardous Substances):
No components found on the Minnesota Employee Right-toKnow List of Hazardous Substances.
U.S. - New Jersey - Worker and Community Right to Know Act (N.J.S.A. 34:5A-1):
No components regulated under the New Jersey Worker and Community Right-to-Know Act.
U.S. - Pennsylvania - Part XIII. Worker and Community Right-to-Know Act (Chapter 323 Hazardous Substance List, Appendix A):
Benzene, 1,3-bis(1-methylethyl)- ,
Pentanedioic acid, 2-methyl-, dimethyl ester

SECTION 16: OTHER INFORMATION

MSDS Revision Date: March 2017

National Fire Protection Association (NFPA) Rating: *This information is intended solely for the use of individuals trained in the NFPA system.*

Hazard Ratings HMIS:	Health = 1 Flammability = 2 Reactivity = 0
NFPA:	Health = 1 Flammability = 2 Reactivity = 0

(0 = minimal, 1 = slight, 2 = moderate, 3 = serious, 4 = severe)

NOTICE: The information contained on this Safety Data Sheet is considered accurate as of the date of publication. It is not necessarily all inclusive or fully adequate in every circumstance. The suggestions should not be confused with, nor followed violation of applicable laws, regulations, rules or insurance requirements. No warranty, express or implied, or merchantability, fitness, accuracy of data, or results to be obtained from the use thereof is made. The vendor assumes no responsibility for injury or damages resulting from the inappropriate use of this product.