SAFETY DATA SHEET

I. CHEMICAL PRODUCT AND COMPANY IDENTIFICATION

IDEAS INC
625 SOUTH MAIN STREET
LOMBARD, ILLINOIS 60148

I. PHYSICAL DATA

PRODUCT NAME: **Ida-Fax 1110**
CHEMICAL FAMILY: Dissotridecyl Adipate
FORMULA: Trade Secret

INFORMATION PHONE: 1-800-274-2010
EMERGENCY PHONE: 1-800-424-9300

II. HAZARDOUS IDENTIFICATION

Classification of the substance or mixture

Product definition: Substance

Classification according to 29 CFR 1910.1200/ HazCom 2012 (GHS-US)
Not classified as hazardous per the above regulations

Label Elements:

Labelling according to 29 CFR 1910.1200/HazCom 2012 (GHS-US)

Symbol(s):
None

Signal Word
None

Hazard Statements

None

Precautionary Statements

Wear protective gloves/protective clothing/eye protection/face protection IF ON SKIN: Wash with plenty of soap and water. IF INHALED: Remove victim to fresh air and keep at rest in a position comfortable for breathing. IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. If exposed or you feel unwell: Call a doctor/physician.

III. COMPOSITION/ INFORMATION ON INGREDIENTS

Substance

Chemical nature: Adipate ester

Chemical Name	CAS No.	Concentration
Diisotridecyl adipate	26401-35-4	60-100%

IV. FIRST AID MEASURES

EYE CONTACT: Wash eyes with water for at least 30 minutes. If irritation persists, get medical attention.
SKIN CONTACT: Wash affected area with soap and water for approximately 30 minutes
INHALATION: Remove exposed person to fresh air.
INGESTION: Do not induce vomiting. Get immediate medical attention.

V. FIRE FIGHTING MEASURES

EXTINGUISHING MEDIA: Use carbon dioxide, foam, sand or sodium bicarbonate.
SPECIAL FIRE FIGHTING PROCEDURES: Avoid breathing vapors or dusts. Use self-contained breathing apparatus with full face piece and protective clothing.
UNUSUAL FIRE AND EXPLOSIVE HAZARDS: None known.

VI. ACCIDENTAL RELEASE MEASURES

IF MATERIAL IS RELEASED OR SPILLED: Contain spill and transfer to suitable containers.

Stop leak if you can do it without risk.
Small Spills: Absorb with earth, sand or other non-combustible material and transfer to containers for later disposal. If material is too viscous for pumping scrape it up with shovels into suitable containers for recycle or disposal.

Large Spills: Dike far ahead of spill for later recovery and disposal. Prevent entry into waterways, sewers, basements or confined areas.

VII. HANDLING AND STORAGE

STORAGE: Observe all federal, state and local regulations when storing or disposing of this substance. Keep away from incompatible substances.

Use good engineering practices to establish good ventilation. Avoid contact with skin, eyes and clothing. Wear suitable protective equipment to protect from contact. Avoid breathing mist or vapors. Wash skin thoroughly after handling. Store inn closed containers away from extreme heat, sparks, open flame or oxidizing materials.

VIII. EXPOSURE CONTROLS/ PERSONAL PROTECTION

SKIN PROTECTION:	Wear appropriate protective gloves to prevent direct contact.
EYE PROTECTION:	Wear safety goggles to prevent eye contact with substance.
RESPIRATORY PROTECTION:	Under certain circumstances where airborne concentration are expected to exceed exposure limits, select a NIOSH/MSHA approved respirator based on actual or potential airborne concentrations and in accordance with the appropriate regulatory standards and/or industrial recommendations.
OTHER PROTECTIVE EQUIPMENT:	Impervious apron if needed to avoid prolonged or repeated skin contact.
ENGINEERING CONTROLS:	Good general ventilation and/or local exhaust ventilation at the point of generation is recommended.

PERSONAL PROTECTIVE EQUIPMENT (Pictograms):



IX. PHYSICAL AND CHEMICAL PROPERTIES

BOILING POINT:	>150°C
VAPOR PRESSURE:	<0.1 mmHg @ 25°C
SOLUBILITY IN WATER:	Insoluble
SPECIFIC GRAVITY:	0.90

APPEARANCE:	Colorless to Pale Yellow Liquid				
ODOR:	Bland				
FLASH POINT:	>94°C				
FLAMMABLE LIMITS		**LOWER:**	N/A	**UPPER:**	N/A

X. STABILITY AND REACTIVITY

STABILITY: This product is stable at ambient temperatures.

CONDITIONS TO AVOID: Extreme heat or cold.

INCOMPATIBILITY: Avoid contact with strong acids and strong oxidizers.

HAZARDOUS DECOMPOSITION PRODUCTS: Exposure to high temperatures, such as those associated with fires causes product decomposition, resulting in the release of carbon monoxide, carbon dioxide, and other decomposition products.

HAZARDOUS POLYMERIZATION: Will not occur.

XI. TOXICOLOGY INFORMATION

POTENTIAL ACUTE HEALTH EFFECTS:

Eye: Eye contact may result in slight irritation and redness.

Skin: Short term contact with skin is unlikely to cause problems. Excessive or prolonged and repeated contact and poor hygiene conditions may result in dryness, dermatitis, erythema, oil acne, cracking and defatting of the skin.

Ingestion: May result in nausea or stomach discomfort.

Inhalation: Inhalation of vapors or mist may be irritating to respiratory passages. Target Organ for mineral oil mist is lungs. Prolonged exposure may result in dizziness and nausea.

Information on toxicological effects

Acute Oral Toxicity
LD50, rat: > 15,000 mg/kg

Acute Inhalation Toxicity
No data available

Acute Dermal Toxicity
LD50, rat: > 5,000 mg/kg

Skin Irritation/Corrosion
Non-irritating

Eye Irritation/Corrosion
Non-irritating

Sensitization
No effects known

Genotoxicity in Vitro
No data available

Mutagenicity
No data available

Specific Target Organ Toxicity-Single Exposure
No data available

Specific Target Organ Toxicity-Repeated Exposure
No data available

Aspiration Hazard
No effects known

Further Information

This material is not listed as a carcinogen by IARC, ACGIH, NTP, or OSHA. Not data is available regarding the mutagenicity or teratogenicity of this material in humans, nor is there available data that indicates that is causes adverse development or fertility effects in humans. Handle in accordance with good industrial hygiene and safety practice.

POTENTIAL CHRONIC HEALTH EFFECTS:

Chronic effects:	No known significant effects or critical hazards.
Target organs:	No known significant effects or critical hazards.
Carcinogenicity:	No known significant effects or critical hazards.
Mutagenicity:	No known significant effects or critical hazards.
Teratogenicity:	No known significant effects or critical hazards.
Fertility effects:	No known significant effects or critical hazards.
Developmental effects:	No known significant effects or critical hazards.

XII. ECOLOGICAL INFORMATION

Toxicity

Acute and Chronic Aquatic Toxicity: LC50 (96h)-Fish: > WSL EC50 (48h)- Daphnia magna: > WSL

Persistence and Degradability

Readily biodegradable. Elimination: ˜69% in 28d

Bioaccumulation Potential

Expected to be low.

Mobility in Soil

No data available

Results of PBT and vPvB Assessment

Substance is not PBT/vPvB

Other Adverse Effects

Do not allow material to run into surface waters, wastewater, or soil.

XIII. DISPOSAL INFORMATION

WASTE DISPOSAL: Treatment, storage, transportation, and disposal must be in accordance with applicable federal, state, and local regulations.

XIV. TRANSPORTATION INFORMATION

Not classified as dangerous in transport.

XV. REGULATORY INFORMATION

SECTION 302 EXTREMELY HAZARDOUS CHEMICALS:

Component	CAS#	% by Wt.
None		

SECTION 313 TOXIC CHEMICALS:

Component	CAS#	% by Wt.
None		

SARA TITLE III:
ACUTE (IMMEDIATE HEALTH HAZARD): No
CHRONIC (DELAYED HEALTH HAZARD): No
SUDDEN PRESSURE RELEASE: No
FIRE HAZARD: No
REACTIVE HAZARD: No

CERCLA (Comprehensive Environment Response, Compensation and Liability Act):

There is no calculable reportable quantity (RQ) for this product. This product has been reviewed according to the EPA Hazard Categories promulgated under Sections 311 and 312 of the Superfund Amendment and Reauthorization Act of 1986.

U.S. STATE REGULATIONS:

NEW JERSEY RIGHT-TO-KNOW:
No NJ Right-To-Know components exist in this product.

PENNSYLVANIA RIGHT-TO-KNOW:
No PA Right-To-Know components exist in this product.

CALIFORNIA PROPOSITION 65 CARCINOGENS:
No CA Proposition 65 Carcinogens exist in this product.

CALIFORNIA PROPOSITION 65 REPRODUCTIVE TOXINS:
No CA Proposition 65 Reproductive Toxins exist in this product.

Chemical Inventory Listing

United States (TSCA)	Complies with inventory
European Union (EINECS/ELINCS/NLP)	Complies with inventory
Australia (AICS)	Complies with inventory
Phillipines (PICCS)	Complies with inventory
Canada (DSL/NDSL)	Complies with inventory
Korea (KECL)	Complies with inventory
Japan (ENCS/ISHL)	Complies with inventory

China (IECSC)	Complies with inventory
New Zealand (NZIoC)	Complies with inventory

XVI. OTHER INFORMATION

The information appearing in this document is based upon data obtained from raw material manufacturers and/or recognized technical sources. While this information is believed to be correct, IDEAS INC makes no representations as to its accuracy or sufficiency, usage or the hazards connected with the use of this material. Since this product may be applied under conditions unfamiliar to us or beyond our control, we claim no responsibility for the results of its use, and users are responsible for the verification of this information under their own operating conditions to determine whether the product is suitable for their particular purposes, and these users assume all risks of their use, handling, and disposal of the product. This information relates only to the product designated above and does not relate to its use in combination with any other process.

IDEAS INC
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