SAFETY DATA SHEET

I. CHEMICAL PRODUCT AND COMPANY IDENTIFICATION

IDEAS INC
625 SOUTH MAIN STREET
LOMBARD, ILLINOIS 60148

I. PHYSICAL DATA

PRODUCT NAME: **Ida-Phos 900**
CHEMICAL FAMILY: Phosphate Ester
FORMULA: Trade Secret

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

II. HAZARDOUS IDENTIFICATION

NFPA RATING (SCALE 0-4) Health = 3 Flammability = 1 Reactivity = 0

GHS CLASSIFICATION:

Health	**Environmental**
Acute Toxicity: Cat. 5 Eye Irritation: Cat. 1 Skin Irritation: Cat. 2	Acute Aquatic Toxicity: Not established Chronic Aquatic Toxicity: Not established

GHS LABEL ELEMENTS:
Symbol(s):



Signal Word
Danger!

Hazard Statements

May be harmful if swallowed. Causes serious eye damage.

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

COMPONENT: Trade Secret
CAS NUMBER:

Alkyl phosphate	52933-07-0	65-85%
Phosphoric acid	7664-38-2	1-5%

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. Remove and clean contaminated clothing and shoes.

INHALATION: Remove exposed person to fresh air. If respiratory irritation or distress continues, seek medical attention.

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

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

EXPOSURE LIMITS: Phosphoric acid CAS# 7664-38-2 3% by Wt.
OSHA TWA 1 mg/m^3
NIOSH TWA 1 mg/m^3; STEL 3 mg/m^3
ACGIH TWA 1 mg/m^3; STEL 3 mg/m^3

SKIN PROTECTION: Wear appropriate protective gloves to prevent direct contact. Use chemical resistant gloves: e.g.: P.V.C.' Butyl-rubber, Nitrile-rubber, or Neoprene

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

VAPOR PRESSURE:	N/A			
BOILING POINT (PMCC):	225°C			
SOLUBILITY IN WATER:	Insoluble			
SPECIFIC GRAVITY:	1.010-1.035 g/ml @ 20°C			
APPEARANCE:	Amber to Light Brown Liquid			
ODOR:	Bland			
FLASH POINT:	>287°F (COC)			
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:	Can cause severe irritation, burns, and blindness.
Skin:	Irritant. May cause redness, inflammation, severe irritation on prolonged contact.
Ingestion:	No data available.
Inhalation:	Inhalation of vapors or mists of the product may be irritating to the respiratory system.

Acute Toxicity Data:

Route of Entry	Species	Test	Results
Oral	Rat	LD 50	>2000 mg/kg
Dermal	Rabbit	Draize Test	Irritant
Inhalation	N/A	N/A	Not determined
Eye	Rabbit	Draize Test	Extremely irritating- May cause severe ocular lesions

POTENTIAL CHRONIC HEALTH EFFECTS:

Chronic effects: This product does not contain any ingredients present at more than 0.1% that are designated by IARC, NTP, ACGIH or OSHA as probable or suspected human carcinogens.
Target organs: Causes skin irritation and serious eye damage.
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

No information available.

XIII. DISPOSAL INFORMATION

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

XIV. TRANSPORTATION INFORMATION

DOT:

UN3082, Environmentally hazardous substance, liquid, n.o.s. (Partially salted alkyl phosphate, Alkyl alcohol), 9, PG III



XV. REGULATORY INFORMATION

STATUS:
US (TSCA): Y
CANADA (DSL): Y
EUROPE (EINECS/ELINCS): Y
AUSTRALIA (AICS): Y
CHINA (IESCS): Y
JAPAN (ENCS): Y
SOUTH KOREA (KECI): Y

Y= All ingredients are on the inventory or exempt from listing
N= One or more non-exempt ingredients are not on the inventory

SECTION 302 EXTREMELY HAZARDOUS CHEMICALS:

Component	CAS#	% by Wt.
Phosphoric acid	7664-38-2	1-5%

SECTION 313 TOXIC CHEMICALS:

Component	CAS#	% by Wt.
None		

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

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

Phosphoric acid: 5000 lbs.

CLEAN WATER ACT: Under section 311 (b) (4) of this act, contamination of surface waters by petroleum products must be reported immediately to the National Response Center.

XVI. OTHER INFORMATION

TSCA (TOXIC SUBSTANCE CONTROL ACT) STATUS:
All components of this formula are included in the TSCA inventory. This product does not contain nor was manufactured with Class 1 or 11 ozone depleting chemicals, Section 611 of the Clean Air Act.

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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