SECTION 1-- PRODUCT & COMPANY IDENTIFICATION

Magnaflux 774 MARINE DRIVE BELLINGHAM, WA 98225 www.Magnaflux-inc.com

Product Name: SONO 600 (ALL GRADES)

Synonym: Nondestructive Testing (NDT) Ultrasonic Couplant

Description / Use: Solvent Carrier Intermediate

Manufacturer: Magnaflux

Date Prepared: 03/15/2011 Revision#: 1 Prepared By: RCS, Inc.
Emergency Phone: 360-671-9121 (7am-4pm PST) After hours: CHEMTREC 1-800-424-9300

SECTION 2 – COMPOSITION / INFORMATION ON INGREDIENT

				EINECS #	SYMBOL / RISK PHRASES
Peanut Oil	CAS#	8002-03-7	100%	232-296-4	None / None

This material contains refined peanut oil.

Specific ingredients are being withheld as "Trade Secrets".

SECTION 3 – HAZARDS IDENTIFICATION

The preparation is not classified as dangerous according to Directive 1999/54/EC and its amendments.

Routes of Entry: Absorbed through skin. Eye contact. Through the lungs if heated.

Chemical Interactions: No known interactions.

Medical Conditions Aggravated: Persons with pre-existing skin disorders or eye problems liver or kidney function may be more susceptible to the effects of the substance.

Human Threshold Response Data:

Odor Threshold: Not established
Irritation Threshold: Not established

Hazardous Material Identification System/National Fire Protection Association Classifications

Peanut Oil

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Hazard Ratings	Health	Flammability	Reactivity
HMIS	0	1	0
NFPA	0	1	0

Immediate (Acute) Health Effects

Inhalation Toxicity: Because of its low volatility, exposure to vapors is unlikely and no significant adverse effects to health will occur from inhalation. However, the inhalation of hot vapors or mist may cause nausea and respiratory tract irritation.

Inhalation Irritation: May cause transient irritation if inhaled as an aerosol. If inhaled, remove to fresh air. If not breathing, give artificial respiration. If breathing is difficult, give oxygen. Get medical attention immediately.

Skin Contact: Contact would be expected to cause transient redness if not washed out and left on the skin for an extended period of time. Wash with soap and water. Cover the irritated skin with an emollient. Get medical attention if irritation develops. Cold water may be used.

Skin Absorption: Not expected to be absorbed through the skin.

Eye Contact: Contact would be expected to cause transient redness if not washed out and left in the eye for extended period of time. In case of contact, immediately flush eyes with plenty of water for at least 15 minutes. Cold water may be used. No corneal involvement or visual impairment is expected. Get medical attention if irritation occurs.

Ingestion Irritation: Ingestion may cause irritation of the gastrointestinal tract and gastrointestinal discomfort with any or all of the following symptoms: nausea, vomiting, lethargy or diarrhea. Do NOT induce vomiting unless directed to do so by medical personnel. Never give anything my mouth to an unconscious person. Loosen tight clothing such as a collar, tie, belt or waistband. Get medical attention if symptoms appear.

Ingestion Toxicity: Not expected to be toxic by ingestion.

Acute Target Organ Toxicity: None known.

Prolonged (Chronic) Health Effects

Carcinogenicity: This product is not known or reported to be carcinogenic by any reference source including IARC, OSHA, NTP or EPA.

Mutagenic Effects: None established.

Teratogenic Effects: Non established.

Developmental Toxicity: None established. The substance may be toxic to kidneys. Repeated or prolonged exposure to the substance can produce target organ damage.

Reproductive and Developmental Toxicity: Not known or reported to cause reproductive or developmental toxicity.

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Inhalation: There are no known or reported effects from chronic exposure except for effects similar to those experienced from acute exposure.

Chronic Target Organ Toxicity: None known or reported.

Supplemental Health Hazard Information: No additional health information available.

SECTION 4 – FIRST AID MEASURES

Emergency Overview: Slightly hazardous in case of skin contact (irritant), of eye contact (irritant), of ingestion, of inhalation.

Inhalation: IF INHALED: Allow victim to rest in a well ventilated area. Seek immediate medical attention.

Skin Contact: IF ON SKIN: After contact with skin, wash immediately with plenty of water. Gently and thoroughly wash the contaminated skin with running water and non-abrasive soap. Be particularly careful to folds, crevices, creases and groin. Cover the irritated skin with an emollient. If irritation persists, seek medical attention. Wash contaminated clothing before reusing.

Eyes: IF IN EYES: No known effect on eye contact, rinse with water for a few minutes.

Ingestion: IF SWALLOWED: Do not induce vomiting. Loosen tight clothing such as a collar, tie, belt or waistband. If the victim is not breathing, perform mouth-to-mouth resuscitation. Seek immediate medical attention.

SECTION 5 – FIRE FIGHTING MEASURES

Extinguishing Media: (Small Fire) Use dry chemical powder. (Large Fire) Use water spray, fog or foam. Do not use water jet.

Unusual Fire and Explosion Hazards: Risks of explosion of the product in presence of mechanical impact are not available. Risks of explosion of the product in presence of static discharge are not available.

Special Fire Fighting Procedures: Not available.

FLAMMABILITY Summary (OSHA): Product may be combustible at high temperatures.

Flammable Properties:

Flash Point: (Closed Cup) 282°C (539.6°F)

Autoignition Temperature: 445°C (833°F)

Upper Flammable/Exposure Limit: None established.

Lower Flammable/Exposure Limit: None established.

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Hazard Combustion Productions: None established.

SECTION 6 – ACCIDENTAL RELEASE MEASURES

Personal Precautions: No extra protection required beyond that listed in Section 8. In case of fire, use normal fire fighting equipment.

Spill Mitigation Procedures

Air Release: None established.

Water Release: None established.

Land Release: (Small Spill) Absorb with an inert material and put the spilled material in an appropriate waste disposal. (Large Spill) Absorb with an inert material and put the spilled material in an appropriate waste disposal. Finish cleaning by spreading water on the contaminated surface and allow to evacuate through the sanitary system.

Additional Spill Information: Stop source of spill as soon as possible and notify appropriate personnel. Utilize emergency response personal protection equipment prior to the start of any response. Evacuate all non-essential personnel. Dispose of spill residue per guidelines under Section 13. Disposal Consideration.

SECTION 7 – HANDLING AND STORAGE

Handling: Keep away from heat. Keep away from sources of ignition. Empty containers pose a fire risk, evaporate the residue under a fume hood. Ground all equipment containing material. Do not breathe gas/fumes/vapour/spray.

Storage: Keep container dry. Keep in a cool, place. Ground all equipment containing material. Keep container tightly closed. Keep in a cool, well-ventilated place. Combustible materials should be stored away from extreme heat and away from strong oxidizing agents.

Packaging Materials: Use original container is recommended.

Shelf Life Limitations: See label or certificate of analysis for shelf life if applicable.

Incompatible Materials for Storage: Refer to Section 10, “Incompatible Materials”.

SECTION 8 – EXPOSURE CONTROLS / PERSONAL PROTECTION

Occupational Exposure Limit:

CHEMICAL NAME	CAS #	OSHA PEL / STEL	ACGIH LIMITS	AIHA WEEL	LEL / UEL
Peanut Oil	8002 -- 03-7	None established	None established	None established	None established

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The IDLH has not been established for this product.

Respiratory Protection: Respiratory protection not normally needed since volatility and toxicity are low.

Skin: Wear impervious gloves to avoid skin contact. Follow good industrial hygiene practices.

Eyes: Use chemical safety goggles. Maintain eye wash fountain and quick-drench facilities in work area.

Ventilation: Provide exhaust ventilation or other engineering controls to keep the airborne concentrations of vapors below their respective threshold limit value. Ensure that eyewash stations and safety showers are proximal to the work-station location.

Other Protective Equipment:

Lab Protective: Goggles and lab coat.

Respirator Type(s): None established.

Protective Clothing Type: Splash goggles. Full suit, boots and gloves. Suggested protective clothing might not be sufficient. Consult a specialist BEFORE handling this product.

SECTION 9 – PHYSICAL AND CHEMICAL PROPERTIES

Appearance	Liquid
PH:	(1% soln/water) Not applicable
Boiling Point:	Not available.
Flash Point:	Closed Cup: 160°C (320°F).
Explosive Limits:	LEL – None established / UEL – None established
Oxidizing Properties:	None
Melting Point:	-5°C (23°F)
Vapor Density:	Not available.
Vapor Pressure (mm Hg)	Not available.
Specific Gravity:	0.92 (Water=1)
Solubility in Water:	Insoluble in cold water.
Fat Solubility:	Not applicable.
Partition Coefficient:	None determined.
Viscosity:	None determined.
% Viscosity:	By volume @ 21C (70F): 0
Evaporation Rate:	(BuAc=1) No information found.
Density:	1.06 g/cc
Color:	Yellowish (Light)
Odor:	Odorless
Molecular Weight:	Not available
Octanol/Water Coeff:	None determined.
Percent Solid:	Not available
Vapor Pressure:	None determined.

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Freezing Point: None determined.
Volatile Organic Compounds: 0 lbs/gal (calculated)
VOC Content % w/w / lbs/gal: None determined.
HAP Content % w/w / lbs/gal: None determined.

SECTION 10 – STABILITY AND REACTIVITY

Stability: This product is stable.

Incompatibility: (Materials to Avoid): Not available.

Hazardous Decomposition Products: Not available.

Hazardous Polymerization: Will not occur.

Reactive Properties: Product is not sensitive to electrical static discharge.

Conditions to Avoid: None.

Decomposition Temperature: Not available.

Corrosivity: Not considered to be corrosive for metals and glass.

Product May Be Unstable At Temperatures Above: Not available.

SECTION 11 – TOXICOLOGY INFORMATION

Emergency Overview: Slightly hazardous in case of skin contact (irritant), of eye contact (irritant), of ingestion, of inhalation.

Effects of Overexposure:

Inhalation: Not available.

Eyes: Not available.

Skin: Not available.

Ingestion: Not available.

Chronic Effects and Medical Conditions:

Carcinogenicity: This product is not known or reported to be carcinogenic by any reference source including IARC, OSHA, NTP or EPA.

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Mutagenic Effects: None established.

Teratogenic Effects: None established.

Developmental Toxicity: None established. Repeated or prolonged exposure is not known to aggravate medical condition.

Reproductive Toxicity: Not known or reported to cause reproductive toxicity.

Inhalation: Allow the victim to rest in a well ventilated area. Seek immediate medical attention.

Chronic Target Organ Toxicity: None established.

Supplemental Health Hazard Information: No additional health information available.

Component Animal Toxicology:

Peanut Oil	ORAL LD50:	Not available.
	DERMAL LD50:	Not available.
	MIST LC50:	Not available.

SECTION 12 – ECOLOGICAL INFORMATION

Ecotoxicity: None determined.

Mobility: None determined.

Persistence and Degradability: None determined.

Bioaccumulative Potential: None determined.

Products of Biodegradation: Possibly hazardous short term degradation products are not likely. However, long term degradation products may arise. The products of degradation are more toxic.

Other Adverse Effects: None determined.

SECTION 13 – DISPOSAL CONSIDERATIONS

Methods of Disposal: Not applicable.

Waste Classification: Not applicable.

European Waste Catalogue: (EWC) Not applicable.

Hazardous Waste: If this product becomes a waste, it DOES NOT meet the criteria of a hazardous waste as defined under 40 CFR 261, in that it does not exhibit the characteristics of hazardous waste under Subpart D. Not regulated.

Components Subject to Land Ban Restrictions: No components subject to land ban restrictions.

CARE MUST BE TAKEN TO PREVENT ENVIRONMNETAL CONTAMINATION FROM THE USE OF THIS MATERIAL. THE USER OF THIS MATERIAL HAS THE RESPONSIBILITY TO DISPOSE OF UNUSED MATERIAL, RESIDUE AND CONTAINERS IN COMPLIANCE WITH ALL RELEVANT LOCAL, STATE AND FEDERAL LAWS AND REGULATIONS REGARDING TREATMENT, STORAGE AND DISPOSAL FOR HAZARDOUS AND NONHAZARDOUS WASTES.

SECTION 14 – TRANSPORTATION INFORMATION

Regulatory Information	UN Number	Proper Shipping Name	Class	Packaging Group	Label	Additional Information
ADR/RID Class	Not applicable					
IMDG Class	Not applicable					
IATA-DRG Class	Not applicable					
DOT	Not applicable					

SECTION 15 – REGULATORY INFORMATION

EU Regulations:

Symbols: None

ADR Symbol: None

WGK (Water Danger / Protection): CAS # 8002-03-7: 0

Contains:

Peanut Oil CAS # 8002-03-7

UNITED STATES:

Toxicity Substance Control Act (TSCA): The component of this product is not listed on the TSCA Inventory of Existing Chemical Substances.

Pesticide Acceptance Indication / US EPA Registration Number: Not applicable

Superfund Amendments and Reauthorization Act (SARA) Title III: None

Hazard Categories Sections 311/312 (40 CFR 370.2);

Health: None

Physical: None

Emergency Planning & Community Right to Know (40 CFR 355, App. A): None

Extremely Hazardous Substance Section 302 – Threshold Planning Quality: Not applicable

Reportable Quantity (40 CFR 302.4): None listed

Supplier Notification Requirements (40 CFR 372.45, 313 Reportable Components

No 313-listed chemicals in this product.

Clean Air Act Soemi: None

Clean Air Act VOC Section 111: None

State Right-to-Know Regulations Status of Ingredients:

Pennsylvania:	8(b) inventory
New Jersey:	Not listed
Massachusetts:	Not listed

SECTION 16 – OTHER INFORMATION

Risk Phrases: None

Symbols: None

Safety Phrases: S 24/25 Avoid contact with skin and eyes.

MSDS Revision Status: Revised to meet the ANSI standard of 16 sections and European requirements.

Other Classifications:

WHMIS (Canada): Not controlled under WHMIS Canada.

This Material Safety Data Sheet (MSDS) has been prepared in compliance with the Federal OSHA Hazard Communication Standard, 29 CFR 1910.1200. The information in this MSDS should be provided to all who will use, handle, store, transport, or otherwise be exposed to this product. This information has been prepared for the guidance of plant engineering, operations and management and for persons working with or handling this product. Magnaflux believes this information to be reliable and up to date as of the date of this publication, but makes no warranty that it is.