

SHORT (COCUNUT)OIL ALKYD RESIN

Material Safety Data Sheet (MSDS)

PRODUCT NAME

SHORT CONUNUT OIL ALKYD RESIN

Case#68333-62-0

APPEARANCE

Clear liquid with Free Flowing properties, pale yellow like appearance

ADDRESS

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PHYSICAL PROPERTIES

Chemical Name	:	Alkyd Esters
Molecular Formula	:	-----
Molecular Weight	:	-----
Melting Point	:	---- °C
Boiling Point	:	160 - 210°C.
Solubility in Water	:	Water Negligible, Organic Solvents infinite
Specific Gravity@ 25°C	:	0.90 - 0.93 (60-70% Solids@25°C)
Vapour Density	:	Heavier than air
Viscosity (Poise)	:	16~18

HAZARD IDENTIFICATION

Main Hazards

Flammable

Health Hazards

Eyes: Irrigate with fresh water, holding eyelids apart. Seek medical attention if irritation persists.

Skin: Prolonged or repeated contact with skin may cause slight irritation.

Ingestion: A large dose may cause the central nervous system depression. A small dose may cause gastrointestinal irritation.

Inhalation: Exposure to vapors at higher concentrations may cause irritation of nose, throat & respiratory tract.

Fire Hazards

Flash Point	:	38°C		
Auto Ignition Temperature	:	---- °C		
Explosion Limits	:	4.3 %	(Volume)	Lower
		19.0 %	(Volume)	Upper

PACKING

It is available in mild steel (M. S.) drums of 190 Kg net

FIRST AID

Eyes

Immediately flood eyes with plenty of water for at least 10 minutes, holding the eyes open. Get immediate medical attention if soreness or redness persists.

Skin

Wash affected skin with soap and plenty of water immediately.

Ingestion

Wash out mouth with water. Do not give anything for eating or drinking to an unconscious person. Do not induce vomiting. Get immediate medical attention.

Inhalation

Remove from exposure. Keep warm and at rest.

Advice to Physicians

Treat symptomatically. If swallowed, flush stomach.

ACCIDENTAL RELEASE MEASURES

Personal Protectives

Wear appropriate protective clothing. Material can create slippery conditions under foot.

Environmental Precautions

Try to prevent the material from entering drains or water reservoirs. Inform local authorities if spillage has entered water course or sewer or has contaminated soil or vegetation. Prevent spread of material by use of temporary bund or impervious barrier.

Spillage

Contain and absorb spilled material using earth, sand or other inert material. Transfer into suitable containers for recovery or disposal.

Disposal

Product: Incineration or landfill. Dispose of in accordance with all applicable local and national regulations. If adequately incinerated, it will decompose to Carbon Di Oxide and Water only. Biologically degradable.

Containers: Labels should not be removed from containers until they have been cleaned. Do not cut, puncture or weld on or near the container. Containers should be cleaned by appropriate methods and then re-used or disposed of by landfill or incineration as appropriate. Do not incinerate close containers.

HANDLING AND STORAGE

Handling

Use in well ventilated area if product is handled hot. Avoid breathing mist or vapors from heated material. Avoid contact with eyes, skin and clothing.

Storage

Suitable Storage Materials are: Mild Steel.

Do Not Store in: Certain Plastic and Rubbers. Glass reinforced polyester.

EXPOSURE CONTROL / PERSONAL PROTECTION

Respiratory Protection

Respiratory protection is required if there is risk of breathing mists or vapors from heated materials. In this case use a mask with having appropriate filter cartridge.

Hand Protection

Protective gloves (Butyl Rubber or Nitrile Rubber).

Eye Protection

Chemical goggles if there is a risk of splashing.

Body Protection

Normal working clothing.

Hygiene Measures

Do not eat, drink or smoke during work time. Remove contaminated or soaked clothing immediately.

STABILITY/ECOLOGICAL EFFECTS

It is stable. Do not Freeze it.

Do not allow material to be released to environment (ground, air or water bodies, river, and sewerages) without proper permits

TRANSPORTATION

This product is not classified for the purpose of transportation

Road Transport ADR

Class : 3

Maritime Transport IMO/ IMDG

Class : 3.3

Air Transport ICAO/IADA

Class : 3

EMS : **F-E, S-E**

Packing Group : **III**

TOXICOLOGICAL INFORMATION

Product not tested for above information, but was classified by conventional method.

Indications: Exposure to component solvent vapor concentration in excess of the stated occupational exposure limit may result in adverse health effect such mucous membrane and respiratory system irritation and also adverse effect on the central nervous system normal. Symptoms and sign including headache, dizziness, fatigue, loss of consciousness etc. The liquid splashed in the eye may cause irritation or reversible effect.

FIRE FIGHTING MEASURES***Suitable Extinguishing Agents***

CO₂, Water Spray mist, Alcohol resistant Foam, Dry Chemical Powder. Cool closed containers exposed to fire with water.

Unsuitable Extinguishing Agents

Water Jet.

Protective Equipment for Fire Fighting

Self contained breathing apparatus. Combustion will generate oxides of carbon, bitterly pungent smoke and irritation fumes.

REGULATORY ANED LABELING INFORMATION

The product is classified in accordance with EEC regulation Dir 91/326/EEC commission Dir of 5.3.91 adapting to technical progress 13th time council Dir 67/548/EEC relating to the classification , packing and labeling of dangerous goods: -

Hazard Label : **X Harmful**

Risk Phrases : **(R10) Flammable**

(R20) Harmful.

: **(S36/38) Irritating to eyes and skin**

Safety Phrases : **(S2) Keep out of reach of children**

(S13) Keep away from food and drinks.

: **S(24/25)Avoid contact with skin & eyes**

: **S(46) If swallowed seek medical advice**

: **S(51) Use only in well ventilated areas**

S(16) Keep away from source of ignition & no smoking

OTHER INFORMATION

This information is based on our present state of knowledge, being given in good faith and is intended to describe the product for the purpose of Health, Safety and Environment only. No warranty either expressed or implied is given which regard to the outcome of the use of such information.