

SAFETY DATA SHEET

PRODUCT : ALKYD THINNER

DATE: 23/06/17

VERSION: 1.0

1. PRODUCT IDENTIFICATION /DESCRIPTION

Preparation/Product Name: ALKYD THINNER

Product Code: THN 1000

2. COMPOSITION/INFORMATION ON INGREDIENTS

INGREDIENTS	CAS NO	CONCENTRATION	RISK PHRASES
Medium aliphatic petroleum solvent	64742-88-7	60-80	R10,R20/21/22,R36/38
Light aromatic petroleum solvent	64742-95-6	10-30	R36/38,43,51,53

3. HAZARD IDENTIFICATION OF THE PRODUCT

Acute Effects:

Swallowed: May cause symptoms of stomach pain, nausea and vomiting.

Ingestion of large does may cause unconsciousness. If vomiting occurs after ingestion, small droplets of the liquid may enter the lungs (aspiration) with the risk of chemical pneumonia being induced.

Eye: Liquid may cause moderate to sever eye irritation, vapour is irritating.

Skin: Contact with the product may cause defatting and contribute to dermatitis.

Inhaled: Inhalation may cause headache, nausea and dizziness. Higher concentrations may cause unconsciousness and coma. Death may result from severe and continued over-exposure.

Chronic Effects: Inhalation and ingestion are theroutes of entry into the body. The product defats the skin and prolonged or repeated contact may contribute to dermatitis.

4. FIRST-AID MEASURES

Swallowed: NEVER GIVE AN UNCONSCIOUS PERSON ANYTHING TO DRINK OR ATTEMPT TO INDUCE VOMITING.

If person is unconscious, rinse mouth out with water ensuring that mouth wash is not swallowed. Give about 250ml (2 glasses) of water to drink. DO NOT attempt to induce vomiting. Seek URGENT medical attention.

Skin: Remove contaminated clothing and wash thoroughly with soap and water. Use water alone, if soap is unavailable. Apply a moisturising hand cream, if available. Seek medical attention if any soreness or inflammation of the skin persists or develops later. Launder affected clothing before re-use.

Inhalation: Remove to fresh air. Keep warm and at rest. If breathing is laboured, hold in a half

upright position (this assists respiration).

Apply artificial respiration if breathing has stopped. Seek URGENT medical attention for all but the most minor cases of overexposure.

Advice to Doctor: Because of the risk of aspiration, gastric lavage should only be undertaken after endotracheal intubation.

Safety Precautions: Eye wash station, safety shower. Good occupational work practices.

5. FIRE-FIGHTING MEASURES

Extinguishing Media: Dry chemical powder, carbon dioxide, foam, water spray or fog, sand or earth.

Unsuitable media: Water jet.

Fire Fighting Procedures: Full protective clothing and self-contained breathing apparatus. Keep adjacent container cool by spraying with water.

Hazard: In combustion emits toxic fumes.

6. ACCIDENTAL RELEASE MEASURES

Spill Procedures:

Personal: Avoid contact with skin, eyes, and clothing. Evacuate the area of all non-essential personnel. Shut off leaks, if possible without personal risk. Turn leaking side up to prevent the escape of liquid.

Environmental: Prevent contamination of soil and water. Prevent from spreading or entering into drains, ditches etc by using sand or earth as a barrier.

Waste Disposal Methods: Absorb liquid with sand, earth or spill control material. Shovel up and place in a labeled, sealable container for subsequent safe disposal. Put leaking containers in a labeled drum. Scrub all the waste on contaminated surfaces.

7. STORAGE AND HANDLING PRECAUTIONS

Handling: Keep away from source of ignition- No smoking. Do not handle in a confined area. Do not breathe vapour. Avoid contact with skin and eyes. Take precautionary measures against static discharges.

Storage: Keep container dry and tightly closed in a cool and well ventilated place.

WARNING: Provide sufficient air exchange and/or exhaust in work rooms.

Exhaust ventilation necessary if product is sprayed.

8. EXPOSURE CONTROLS/PERSONAL PROTECTION INFORMATION

Ventilation: The work place should be well ventilated. Use local exhaust Ventilation.

Protective Gloves: Use neoprene or nitrile rubber gloves for the protection of the Hands.
(Gauntlet type)

Eye Protection: Wear eye goggles

Respiratory Protection: Use an air-supplied respirator where high concentrations are expected, or an air-purifying respirator for organic vapour.

NOTE: an air-supplied respirator should always be used in confined spaces.

Other Protective Equipment: suitable protective clothing, safety boots and or a PVC apron

Hygiene: Keep away from foodstuffs, drinks, and tobacco. Wash hands before breaks and at the end of workday. Keep working clothes separately.

Note: Take off all contaminated clothing immediately

9. PHYSICAL AND CHEMICAL PROPERTIES

Physical State: Water white liquid

Specific gravity: 0.79Kg/l

Solubility in water: slightly soluble

Odour: slight kerosene odour

Flash point: 37°C

Vapour pressure: 6.00 MMHG

10. STABILITY AND REACTIVITY

Stability: stable under normal conditions. Reacts with strong acids: hygroscopic.

Conditions to avoid: extremes of temperature, direct sources of heat and exposure to air.

Materials to avoid: strong oxidizing agents, strong acid

Hazardous decomposition product: in combustion emit toxic fume.

11. TOXICOLOGICAL INFORMATION

Refer to section 4 of SDS for routes of exposure and corresponding symptoms.

12. ECOLOGICAL INFORMATION

Mobility: readily absorbed into soil

Degradability: Biodegradable.

Other adverse effects: negligible ecotoxicity.

13. DISPOSAL CONSIDERATION

Do not allow into drains or water courses. Wastes and empty containers should be disposed off in accordance with regulations under the control of pollution agency and environmental protection agency.

Disposal of paints and thinners is controlled by National regulations. Please refer to Local office for current statutory regulations.

14. OTHER INFORMATION

Risks Phrases

R10 Flammable

R20/21/22 Harmful by inhalation, in contact with skin and if swallowed

15. SAFETY PRECAUTIONS

Company Disclaimer:



Registered office: 18/24 Ajisegiri Street,
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Lagos
Nigeria

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