

SAFETY DATA SHEET

ESGAL 6501

Date of Issue: 13.07.2023

Revision No: 00

SECTION 1 - CHEMICAL PRODUCT AND COMPANY IDENTIFICATION

MANUFACTURER / SUPPLIER: ESG RESIN PRIVATE LIMITED

Contact Details : ESG Resin Private Limited
Santosh Nivas, Flat 305, Plot 102,
Sector 19, ULWE, Wahal, Raigarh 410206, Maharashtra

PRODUCT NAME:

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Description: Alkyd Resin SO 65/100

SECTION 2 - HAZARDS IDENTIFICATION

2.1 Classification of the substance or mixture

Classification according to regulation (EC no.1272/2008(EU-GHS/CLP) :

Substances do not meet the criteria for classification according to this Regulation.

2.2 Label elements

Label according to Regulation (EC) No. 1272/2008 as amended :

Hazard pictograms : None

Signal word : None

Hazard statements : Substances do not meet the criteria for classification

Precautionary statements :

Prevention : Not available

Response : Not available

Storage : Not available

Disposal ; Not available

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SECTION 3 - COMPOSITION, INFORMATION OF INGREDIENTS

The components are not hazardous or are below required disclosure limits.

SECTION 4 - FIRST AID MEASURES

IF SWALLOWED:

Rinse mouth immediately and drink plenty of water. If symptom persists, consult doctor for medical advice. Do not induce vomiting without medical advice.

IF ON SKIN OR CLOTHING:

Take off immediately all contaminated clothing. Wash skin with soap and water. If skin irritation/rash occurs, consult doctor for medical advice.

IF IN EYES:

Rinse cautiously with water for several minutes. If eye irritation persists, consult doctor for medical advice.

IF INHALED:

Move victim to fresh air and at rest in a comfortable for breathing.

NOTE TO PHYSICIAN: Treat symptomatically.

SECTION 5 - FIRE FIGHTING MEASURES

No unusual fire or explosion hazards noted.

Extinguishing media : Dry chemical powder, foam or carbon dioxide or water.

Fire exposure hazards: Keep containers cool by spraying with water if exposed to fire. Heating will cause pressure rise with the risk of bursting and subsequent explosion.

Fire will produce dense smoke and toxic decomposition products.

Protective Equipment : Don't inhale combustion gases. Wear self-contained breathing apparatus

Environmental protection: Don't allow run off material from fire fighting to enter into drains & sewage.

SECTION 6 - ACCIDENTAL RELEASE MEASURES

IN CASE OF SPILLS OR LEAKS:

Large Spills:

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Stop the flow of material, if this is without risk. Dike the spilled material, where is possible. Absorb in vermiculite, dry sand or earth and place into containers. Following product recovery, flush area with water.

Small Spills:

Wipe up with absorbent material (e.g. cloth, fleece). Clean surface thoroughly to remove residual contamination.

Waste Disposal:

Never return spills to original containers for re-use. Spills should be absorbed and collected for disposal, dispose in accordance with applicable Local Govt. regulations.

SECTION 7 - HANDLING AND STORAGE

HANDLING:

Avoid contact with skin, eyes & clothes.
Use with adequate ventilation. Do not eat, drink & smoke while using the product.

STORAGE:

Keep container tightly closed when not in use. Store in a cool & dry place.
Do not store near flames, ignition source, direct sunlight, or at elevated temperatures.

SECTION 8 - EXPOSURE CONTROLS, PERSONAL PROTECTION

Occupational exposure limits : No biological exposure limits noted for the ingredient(s).

Biological limit values : Not available.

Recommended monitoring procedures : Not available.

ENGINEERING MEASURES:

Ensure adequate ventilation to keep vapor concentration well below occupational exposure limits. If this is not adequate, suitable respiratory protective equipment must be worn. Care must be taken in controlling the emission of vapours.

Ensure eye-wash station and safety showers must be placed nearer to workplace.
Not required under normal use condition.

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PERSONAL PROTECTIVE EQUIPMENT:

Hand protection : wear impervious chemical resistant gloves to prevent skin exposure.

Skin & Body protection: Wear suitable protective clothing. Use long sleeves if flushing occurs. Wear appropriate safety shoes or boots.

Eye & Face Protection : Use safety goggles or safety spectacles with side shielded to protect liquid splashing. Use face shield to protect splashing on face.

Respiratory protection : Use proper respiratory protection to avoid solvent vapours & in case of insufficient exhaust/ventilation.

Hygiene Measures : Use good hygiene practice in workplace. While working, don't eat & drink and smoke in workplace. Wash hands every time before taking any kind of foods or smoke.

SECTION 9 - PHYSICAL AND CHEMICAL PROPERTIES

Appearance: Viscous Liquid

Odor: Characteristic odor

Non-Volatile: 99- 100 % (120°C, 1h)

Melting Point: Not applicable

Boiling Point: > 260°C

Flash Point: > 130°C

Specific Gravity : 0.95 ± 0.1 (30°C)

Viscosity (70% in Mineral Turpentine Oil) : 200 – 240 Sec (B4 Cup/30°C)

Solubility in Water : Insoluble

pH : NA

Vapor pressure: Not available

Vapor density: Not available

Auto-Ignition point: Not available

Evaporation Rate: Not available

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Explosion Limit: Not applicable

Partition Coefficient (n-Octanol/Water) : Not available

SECTION 10 - STABILITY AND REACTIVITY

PRODUCT REACTIVITY:

CHEMICAL STABILITY: Stable under ambient condition

HAZARDOUS POLYMERIZATION: Does not occur.

CONDITIONS TO AVOID: Keep away from open flames, direct sunlight, hot surface and source of ignition

INCOMPATIBLE MATERIALS: No relevant data available.

HAZARDOUS DECOMPOSITION PRODUCTS: Thermal decomposition can release gases & vapors, Carbon mono- & di- oxides.

SECTION 11 - TOXICOLOGICAL INFORMATION

Likely Routes of Exposure: Skin, Eyes, Oral.

Acute Toxicity Effects :

Ingestion : Not classified.

Inhalation : Not classified.

Skin : Not classified.

Eye : Not classified.

Accute Toxicity Information :

Oral : Rat LD50 > 2000 mg/kg

Dermal : Rabbit LD50 > 2000 mg/kg

Inhalation Rat LC50 4 hr > 20 mg/l (Vapors)

Local Effects on Skin & Eye

Accute Irritaion : No irritation

Allaergic Sensitization

Skin & Respiratory Sensitization : No data

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SECTION 12 - ECOLOGICAL INFORMATION

This material is not classified as dangerous for the environment. The ecological assessment for this material is based on an evaluation of its components.

Ecotoxicity : Not available

Bioaccumulate Potential : Not available

Persistence & Degradability : Not available

Mobility in Soil : Not available

SECTION 13 - DISPOSAL CONSIDERATIONS

Product : Do not allow material to be released to the environment (ground, air or water Bodies, River or sewerages).

Container : Empty container can be disposed off as scrap material recycled, in accordance with the local regulations.

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SECTION 14 - TRANSPORT INFORMATION

General : When liquid is offered for transport or is transported at, or above 100°C and below its flash point:

UN No : 3257 ELEVATED TEMPERATURE LIQUID, Class : 9. Packing Group III

Otherwise, follow shipping guidelines as directed below :

ADR Not regulated as dangerous goods.

RID Not regulated as dangerous goods.

IATA Not regulated as dangerous goods.

IMDG Not regulated as dangerous goods.

Transport only in accordance with the requirements of the carriage of dangerous goods by Land , Sea & Air.

SECTION 15 - REGULATORY INFORMATION

This product does not contain any hazardous chemical. The product is classified and labelled in accordance with Regulation (EC) 1272/2008 (CLP Regulation) as amended.

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SECTION 16 - OTHER INFORMATION

DISCLAIMER:

The information contained in this safety data sheet is based on available data from reliable sources and correct to the best of our current state of knowledge & experience. ESG Resin Private Limited makes no warranty, express or implied, regarding the accuracy of the data or results obtained from use of this product. The information given is designed only as a guide for safe handling, use, processing, storage, transportation, disposal and release. The user is solely responsible for determining the suitability of any material or product for a specific purpose and for adopting any appropriate safety precaution.
