



PT. DUA KUDA INDONESIA

KBN, JL. MADIUN BLOK C.2 NO. 11-17, 19, 19A, 27A, 27B,
UNIT USAHA KAWASAN MARUNDA CILINCING,
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MATERIAL SAFETY DATA SHEET

GLYCERIN

SECTION 1 – CHEMICAL PRODUCT AND COMPANY IDENTIFICATION

MSDS Name: GLYCERIN

Manufacturer: PT. DUA KUDA INDONESIA

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SECTION 2 – COMPOSITION, INFORMATION ON INGREDIENTS

Chemical Name	CAS#	content
Glycerin	56-81-5	99.7-100%

SECTION 3 – HAZARDS IDENTIFICATION

Hazard Class: Not dangerous substance or mixture

Routes: Skin contact, eye contact, ingestion

Potential Health Effects: Hazardous in case of skin contact , of eye contact, of ingestion.

Potential Environment Effects: Hazardous , cause water pollution.

Explosion Hazards: Flammable

SECTION 4 - FIRST-AID MEASURES

Skin Contact: In case of contact, immediately flush skin with plenty of water.

Eye Contact: In case of contact, immediately flush eyes with plenty of water for at least 15 minutes. Cold water may be used.

Inhalation: If inhaled, remove to fresh air. If not breathing, give artificial respiration. If breathing is difficult, give oxygen. Get medical attention immediately.

Ingestion: Drink plenty of water. Get medical attention if symptoms appear.

SECTION 5 - FIRE-FIGHTING MEASURES

Flammability of the Product: Flammable.

Products of Combustion: These products are carbon oxides (CO, CO₂).

Fire extinguishing method: Remove it from fire ground and use extinguisher immediately. If



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container color changes or safety relief device sounds, leave from fire ground immediately.

Extinguisher: Use dry chemical foam or powder, CO₂, sandy soil. ◦

SECTION 6 – ACCIDENTAL RELEASE MEASURES

Spill:

Keep away from heat. Keep away from sources of ignition. Stop leak if without risk. If the product is in its solid form: Use a shovel to put the material into a convenient waste disposal container. Do not get water inside container. Absorb with an inert material and put the spilled material in an appropriate waste disposal.

SECTION 7 – HANDLING AND STORAGE

Precautions:

Keep away from sources of ignition. Ground all equipment containing material. Do not ingest. Do not breathe gas/fumes/ vapor/spray. Never add water to this product. In case of insufficient ventilation, wear suitable respiratory equipment. If ingested, seek medical advice immediately and show the container or the label. Avoid contact with skin and eyes. Keep away from incompatibles such as oxidizing agents, reducing agents, metals, acids, alkalis.

Storage:

Store in a segregated and approved area. Keep container in a cool, well-ventilated area. Keep container tightly closed and sealed until ready for use. Avoid all possible sources of ignition (spark or flame)

Section 8 - EXPOSURE CONTROLS/PERSONAL PROTECTION

Detect methods: —

Engineering Controls: Use process enclosures, local exhaust ventilation.

Exposure Limits

MAC(mg/m³): —

TWA(mg/m³): —

STEL(mg/m³): —

Personal Protection:

Splash goggles. Synthetic apron. Vapor respirator. Be sure to use an approved/certified respirator or equivalent. Gloves.

SECTION 9 - PHYSICAL AND CHEMICAL PROPERTIES

Physical state and appearance: oily liquid



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Odor: Odorlessness

Color: Colorlessness

Taste: Not available

pH (1% soln/water): 5

Specific Gravity (Water=1) : 1.26

Boiling Point (°C) : 290

Melting Point (°C) : 18

Vapor Pressure: Not available

Vapor Density: Not available

Critical Temperature (°C) : Not available

Solubility: Soluble in water.

SECTION 10 – STABILITY AND REACTIVITY

Stability: Stable.

Instability Temperature: Not available.

Incompatibility with Various Substances: Reactive with strong acid, alkali and strong oxidizing agent.

Conditions of Instability: Heat, flame

Polymerization: Not polymerize

Cleavage Product: CO, CO₂

SECTION 11 - TOXICOLOGICAL INFORMATION

Toxicity to Animals: LD50: 12600 mg/kg(Rat oral)

Subacute and Chronic Toxicity: Not available

Irritation Test: Not available

Sensitization Test: Not available

Mutagenicity Test: Not available

Teratogenicity Test: Not available

Carcinogenicity Test: Not available

Other Test: Not available

SECTION 12 - ECOLOGICAL INFORMATION

Ecotoxicity: Not available

Products of Biodegradation: Not available

Bioaccumulation: Not available

Other Ecotoxicity: Harmful to the environment, cause water pollution.

Section 13 - DISPOSAL



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Waste Disposal:

Waste must be disposed of in accordance with federal, state and local environmental control regulations

SECTION 14 - TRANSPORT INFORMATION

Code of Dangerous Goods: Not available

UN Number: Not available

Marks for Package:

Packaging Category: Not available

Packaging Method: Not available.

Special Provisions for Transport: Not available

SECTION 15 - REGULATORY INFORMATION

Regulatory: No specific information

SECTION 16 - OTHER INFORMATION

References: Not available

Other Special Considerations: Not available.

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