

SAFETY DATA SHEET

1. IDENTIFICATION AND COMPANY DETAILS

Product Name : mKRB
Product Number : -
SDS Number : -
Company : ARK Resource Co., Ltd.
Address : 383-2 Nakahara-machi, Nishi-ku, Kumamoto City,
Kumamoto Prefecture, 861-5271, Japan

Department in charge:

Development and Reproductive Engineering Section, Division of LAS

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Development and Reproductive Engineering Section, Division of LAS

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2. COMPOSITION/INFORMATION ON INGREDIENTS

Classification of substance or mixture: Mixture

Components and concentration: Not available

Chemical formula : N/A because it is mixture.

Reference number in gazetted list in Japan: Not available

CAS No. : Not available

Hazardous/non-hazardous components

PRTR Law : N/A

Industrial Safety and Health Act : N/A

3. HAZARD IDENTIFICATION

Most serious hazards

Health effects : Hazard is very low

Environmental impact : Hazard is very low

Physical and chemical hazards: In normal handling, the risk is very low

Classification according to Japanese regulations: N/A

4. FIRST AID MEASURES

Skin contact :

Wash off immediately with plenty water.

Eye contact:

Gently rinse eyes with clean water for at least 15 minutes. Arrange for transport to the nearest medical facility for examination and treatment.

Ingestion:

If swallowed, rinse mouth with water (only if the person is conscious), and induce vomiting. Arrange for medical attention immediately.

Precaution for person providing first aid:

Wear suitable protective clothing, gloves, eye protection, etc.

5. FIRE-FIGHTING MEASURES

Extinguishing media:

This product is non-flammable. Use extinguishing media appropriate for surrounding fire conditions.

Specific fire-fighting method:

If safe to do so, move container from vicinity of fire.

Special protective equipment for firefighter :

Firefighter should wear proper protective equipment.

6. ACCIDENTAL RELEASE MEASURES

Personal precautions :

Evacuate nonessential personnel.

Environmental precautions :

Efforts should be made to prevent damage to the environment, such as damage caused by disposing of products in waterways, etc.

Clean up :

Absorb with inert absorbent material.

7. HANDLING AND STORAGE

Handling:

Avoid rough handling that may shock the container. Do not tip over or drop the container.

Storage:

Store in cool place.

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

Appropriate facilities control: None

Control value: Not controlled

Exposure limits

Japanese Society of Occupational Health: Not controlled

ACGIH: Not controlled

Protective equipment

Respiratory protection: Unnecessary in normal use

Hand protection: Unnecessary in normal use

Eye protection: Unnecessary in normal use

Skin and body protection: Unnecessary in normal use

9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance (physical state, color, etc.,) : Colorless liquid

Odor : None

pH : 7.2 - 8.0

Boiling point : No data available

Melting point : No data available

Decomposition point : No data available

Flash point : None

Ignition point : None

Explosive range : No data available

Vapor pressure : No data available

Vapor density : No data available

Relative density : No data available

Solubility : Water soluble

10. STABILITY AND REACTIVITY

Stability : Stable under normal conditions.
Reactivity : Stable under normal conditions.
Conditions to avoid : Not available
Substances to avoid : Not available
Hazardous decomposition products: Not available

11. TOXICOLOGICAL INFORMATION

Acute toxicity : No data available
Irritation to skin/eyes : No data available
Sensitization : No data available
Mutagenicity : No data available

12. ECOLOGICAL INFORMATION

Persistence/degradability : No data available
Bioaccumulation potential : No data available
Ecotoxicity
Toxicity in fish : No data available
Toxicity in other animals : No data available

13. DISPOSAL CONSIDERATIONS

Dispose of after diluting with large amount of water.
Adhere to the Water Pollution Prevention Act and other related regulations.

14. TRANSPORT INFORMATION

International regulations
IMDG : N/A
ICAO-TI, IATA-DGR : N/A
United Nations (UN) classification: N/A
United Nations (UN) number : N/A
Regulations in Japan : N/A
Specific safety measures and transport conditions:

During transport, avoid direct sunlight and high temperatures and make sure that the container does not leak. Load carefully onto a transporter so that it does not fall, tip over, or become damaged. Take measures to avoid load collapse.

15. REGULATORY INFORMATION

Fire Services Act : N/A

PRTR Law : N/A

Industrial Safety and Health Act : N/A

16. OTHER INFORMATION

For R&D use only. Not for medical or household use.

The information in this document is based on the present state of our knowledge and is applicable to the product with regard to appropriate safety precautions. Indications in this SDS are applicable under normal handling conditions. Should the user handle the product under special conditions, the product should be used safely in accordance with the application and method of use. In addition, although we have paid close attention to the information stated in this SDS, we do not guarantee this information.