

## IDEMITSU KOSAN CO.,LTD.

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First issue : SEP,21,2000

Revised : .....

MSDS No. : 30460263

## Material Safety Data Sheet

## 1. CHEMICAL PRODUCT AND COMPANY IDENTIFICATION.

Product name : KAYABA MOTOCROSS OIL NO.1

Product code : 30460263

90793-38005-00

YZ SUSPENSION OIL 01

Company name : IDEMITSU KOSAN CO., LTD

Address : No.1-1,3-chome, Marunouchi, Chiyoda-ku, Tokyo, Japan

Telephone number : +81-3-3213-3142

Facsimile number : +81-3-3213-9415

## 2. COMPOSITION / INFORMATION ON INGREDIENTS.

Substance / Mixture : Mixture

Hazardous and/or Regulated Components

Component	Chemical name	Wt %	CAS No.
Lubricating Base Oil	Catalyst Dewaxed Paraffinic Oil, Light, Under 100SSU, C <sub>15-30</sub>	95<	64742-71-8
	Catalyst Dewaxed Paraffinic Oil, Heavy, Above 100SSU, C <sub>30-50</sub>		64742-70-7
Additives		5>	

Composition comment :

This product fit the ACGIH definition for mineral oil mist.

The ACGIH TLV is 5mg/m<sup>3</sup>, the OSHA PEL is 5 mg/m<sup>3</sup>

This components are included U.S. TSCA and EINECS Inventory.

## 3. HAZARDS IDENTIFICATION.

Emergency overview :

Potential Health effects

Eye : Not expected to cause prolonged or significant eye irritation.

Skin: Contact with the skin is not expected to cause prolonged or significant irritation.

Not expected to be harmful to interval organs if absorbed through the skin.

Ingestion: Not expected to be harmful if swallowed.

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Inhalation: Contains a petroleum-based mineral oil . May cause respiratory irritation or other pulmonary effects following prolonged or repeated inhalation of oil mist at airborne levels the recommended mineral oil mist exposure limit.

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#### 4. FIRST AID MEASURES.

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Eye contact : Flush eyes with fresh water for at least 15 minutes, then seek medical attention.

Skin contact : Wash contact areas thoroughly with soap and water

Inhalation : Remove to fresh air. Cover the victim's body with blanket, rest in keeping warm, and seek medical attention immediately.

Ingestion : If swallowed, do not induce vomiting. Seek medical attention immediately. If contaminated in mouth, flush thoroughly with water

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#### 5. FIRE-FIGHTING MEASURES.

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Flammable Properties :

Flash point and Method : 170°C (COC)

Flammable Limits : Lower 1vol% Upper 7vol% (estimate).

Extinguishing media : CO<sub>2</sub>, Dry Chemical, Foam and Water Fog.

Fire fighting instructions :

For fires involving this material, do not enter any enclosed or confined fire space without proper protective equipment, including self-contained breathing apparatus.

Combustion products :

Normal combustion forms carbon dioxide and water. Incomplete combustion can produce carbon monoxide.

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#### 6. ACCIDENTAL RELEASE MEASURES.

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Eliminate all open flame in vicinity of spill or released vapor. Stop the source of the leak or release. Clean up releases as soon as possible, observing precaution in Exposure Controls/Personal Protection. Contain liquid to prevent further contamination of soil, surface water or groundwater. Clean up small spills using appropriate techniques such as absorbent materials or pumping. Where feasible and appropriate, remove contaminated soil. Follow prescribed procedures for reporting

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and responding to larger releases.

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7. HANDLING AND STORAGE

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Do not weld, heat drill container . Residue may ignite with explosive violence if heated sufficiently

CAUTION : Do not use pressure to empty drum or may rupture with explosive force.

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8. EXPOSURE CONTROLS / PERSONAL PROTECTION.

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Engineering Controls :

Use adequate ventilation to keep the airborne concentrations of this material below the recommended exposure standard.

Personal protective equipment :

Eye/ Face Protection :

No special eye protection is usually necessary. Where splashing is possible wear safety glasses with side shields as a good safety practice.

Skin protection :

No special protective clothing is normally required. Avoid prolonged or frequently repeated skin contact with this material.

Skin contact can be minimized by wearing protective clothing.

Respiratory protection :

No respiratory protection is usually necessary. However, if operating conditions create airborne concentrations which exceed the recommended exposure standards, the use of an approved respirator is required.

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9. PHYSICAL AND CHEMICAL PROPERTIES.

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Physical description :

Light yellow liquid with characteristic order.

Boiling point : 250°C(1BP)

Pour point : <-60.0°C

Solubility : Insoluble in water

Density : 0.87g/mm<sup>3</sup>( @15°C )

Viscosity : 15.45mm<sup>2</sup>/s( @40°C )

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10. STABILITY AND REACTIVITY.

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Hazardous decomposition products : No data available

Chemical stability : Stable

Condition to avoid : No data available

Incompatibility with other materials : May react with strong oxidizing agent,  
such as chlorates, nitrates, peroxides, etc.

Hazardous polymerization : Polymerization will not occur.

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11. TOXICOLOGICAL INFORMATION.

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Eye effects : No product toxicology data available.

The hazard evaluation was based on data from similar materials.

Skin effects : Very mild irritant to the skin.

The skin irritation hazard is based on data for a similar materials.

Acute oral effects : The acute oral toxicity is based on data for a similar materials.

Acute inhalation effects : The acute inhalation is based on data for a similar  
materials.

Additional toxicology information :

None of the oils requires a cancer warning under the OSHA Hazard  
Communication Standard(29 CFR 1910.1200). These oils have not been listed  
in the National Toxicology Program(NTP)Annual Report nor have they been  
classified by the International Agency for Research on Cancer(IARC) as ;  
IARC group 3 (The agent is not classifiable as a possible Carcinogen to humans.)  
EU 67/548/EEC(the classification as a carcinogen need not apply.)

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12. ECOLOGICAL INFORMATION.

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Ecotoxicity : No data available.

Environmental fate : This material is not expected to be readily biodegradable.

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13. DISPOSAL CONSIDERATIONS.

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Place contaminated material in disposable containers and dispose of in a manner

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consistent with applicable regulations. Contact local environmental or health authorities for approved disposal of this materials.

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14. TRANSPORT INFORMATION.

The description shown may not apply to all shipping situations. Consult 49CFR , or Dangerous Goods Regulations, for additional description requirements (e.g., technical name) and mode-specific or quantity-specific shipping requirements.

UN No. : Not applicable

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15. REGULATORY INFORMATION.

None of the listed components of this material are found on the regulatory lists indicates.

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16. OTHER INFORMATION.

NFPA RATINGS : Health 1 ; Flammability 1 ; Reactivity 0 ;

( 0- Least, 1 - Slight, 2 - Moderate, 3 - High, 4 - Extreme )

These values are obtained using the guidelines or published evaluation prepared by the National Fire Protection Association (NFPA).

The Safety Data Sheet for Chemical Products is provided to companies.

That handle dangerous and toxic as reference information for safe handling.

We recommend the companies to utilize the data upon understanding that the product handling requires appropriate treatment according to and conditions, and should be done on your own responsibility.

Therefore the data sheet itself constitute a guarantee of safety.