

Product Name: Paraffin Oil

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SAFETY DATA SHEET (SDS)

1. CHEMICAL PRODUCT AND COMPANY IDENTIFICATION

PRODUCT NAME : Paraffin Oil
COMPANY : CFP Corporation
ADDRESS : 5-11-4, Hikino-cho, Fukuyama City,
Hiroshima721-0942, JAPAN
ASSIGNED DIVISION : Synthetic Resin Division
TEL: +81-84-946-6655 FAX: +81-84-946-6766
EMERGENCY TELEPHONE NUMBER : +81-84-946-6655 (Synthetic Resin Division)
SDS FILE NUMBER : CFP-1601
RECOMMENDED USE AND LIMITED TO USE : RECOMMENDED USE
Grease, Process Oil
LIMITED TO USE
No use for Food, Medical, Toys and
Cosmetics related and the other
products that might cause serious
danger particularly to the lives and
bodies.

2. SUMMARY ON HAZARD AND TOXICITY

GHS CLASSIFICATION : Not classified
PRECAUTIONS : Protect with suitable gloves, clothes, glasses, and masks.
: Keep containers sealed. Fires, sparks or high temperature
are prohibited: NO SMOKING
: Wash hands afterwards. Do not suction mist, vapor or spray.
EMERGENCY MEASURES : In case of fire: Foam, Water Frog, CO2, Dry Sand to fight.
: In case of contacting skin or hair: Remove contaminated
clothes and wash them to wear again. Wash skin or hair.
: In case of irritated skin: Consult a physician immediately.
: In case of meeting in eyes: Flush eyes with plenty of water for
at least for several minutes. Take off contact lenses if possible
and keep washing with water. If irritation on eyes occurs, consult

a physician.

: In case of exposure or concern of it: Contact a physician.

STORAGE

: Well-ventilated and cool place with a lock.

DISPOSAL

: Follow regulations by international/countries/prefectures/local authorities.

3. COMPOSITION / INFORMATION ON INGREDIENTS

DISTINGUISH OF PRODUCT

: Single Product

CHEMICAL NAME

: Grease (Petroleum hydrocarbon)

CONTAINED AMOUNT

: 100% of Petroleum hydrocarbon
no more than 0.1% of Dichloromethane contained
(CAS 75-09-2)

CHEMICAL FORMULA

: Not applicable

HAZARDOUS SUBSTANCES

: Not applicable

INDUSTRIAL SAFETY AND HEALTH ACT

: Mineral Oil (Article 57-2, No. 168)

POISONOUS AND DELETERIOUS-

: Not applicable

SUBSTANCES CONTROL ACT

4. FIRST AID MEASURES

EYE CONTACT

: Flush eyes with plenty of water moving around for at least 15 minutes, and consult a physician immediately.

SKIN CONTACT

: As a precaution, wash skin thoroughly with soap and water. Remove and wash contaminated clothing to wear again. If abnormal symptoms occur, consult a physician.

INHALATION

: Remove victim to fresh air. Check for clean airway, breathing, and pressure of pulse. Consult a physician immediately.

INGESTION

: Do not include vomiting. Rinse mouth with water. Consult a physician immediately.

5. FIRE-FIGHTING MEASURES

EXTINGUISHING MEDIA

: Foam, Water Fog, CO₂, Dry Chemical, Sand

EXTINGUISHANT TO AVOID

: Straight stream might enlarge fire

FIRE FIGHTING-

: Use foam and water spray carefully to prevent excessive frothing.

PROCEDURES

Use water to keep fire-exposed containers cool. Water spray may be used to flush spills away from exposure.

PROTECTIVE EQUIPMENTS

: Conduct from windward, and wear self-contained breathing apparatus in case of generating poisonous gas such as carbon monoxide.

6. ACCIDENTAL RELEASE MEASURES

- PRECAUTION ON HUMAN** : Stretch a rope to avoid non-relevant people from coming in spillage area. Eliminate all sources of ignition, flammables. Put protective equipment to avoid excessive inhalational and dermal contact. Absorb or scrap up on windward.
- ENVIRONMENTAL-
PRECAUTIONS** : Prevent spills from entering sewers or drains and contact with soil. If necessary, call related authorities.
- WASTE DISPOSAL** : If small amount of spills, absorb into non-flammable substances (sand, solid or vermiculite) and dispose with sealed containers. If large amount of spills, stop flow with sand and collect with pumps or scoops. See section 13 to dispose.

7. HANDLING AND STORAGE

- HANDLING** : No special precautions are necessary beyond normal good hygiene practices, but it should be handled in suitable containers and spillage avoided. Prevent from contacting skin, eyes and wear suitable clothes. Sources of ignition or flammable are not allowed to use around.
- STORAGE** : Do not store in open or unlabeled containers. Store away from strong oxidizing agents or combustible material. Avoid direct sunlight and high temperature.

8. EXPOSURE CONTROLS AND PERSONAL PROTECTION

- ENGINEERING CONTROLS** : Seal equipment or ventilation equipment should be provided. Provide an emergency eye wash fountain and quick drench shower in the immediate work area.
- CONTROL CONCENTRATION** : Working Environment Evaluation Standards; Not established
- EXPOSURE LIMIT** : Japan Society for Occupational Health (2010); 3mg/m³ (Mineral Oil Mist)
: ACGIH-TLV (2010); (TWA) 5mg/m³ (Mineral Oil Mist)
*** (TWA): Time-Weighted Average (8 hours)
- PROTECTION EQUIPMENTS** : Gloves (oil proof), organic gas mask, respiratory apparatus, glasses, boots and clothes.

9. PHYSICAL AND CHEMICAL PROPERTIES

- APPEARANCE** : Colorless liquid
- ODOR** : Odorless

FLASH POINT	: Over 200°C
BOILING POINT	: Over 300°C
POUR POINT	: -15°C
RELATIVE DENSITY	: 0.867g/cm ³ (15°C)
SOLUBILITY IN WATER	: Insoluble

10. STABILITY AND REACTIVITY

STABILITY (THERMAL, LIGHT ETC.) : Stable under normal temperature and pressure

CONDITIONS TO AVOID : Extreme heat, direct sunlight, static, and spark

INCOMPATIBILITY (MATERIALS TO AVOID) : Strong oxidizers

HAZARDOUS DECOMPOSITION PRODUCTS : Carbon monoxide

11. TOXICOLOGICAL INFORMATION

ACUTE TOXICOLOGY

ORAL TOXITY : (RATS) LD50 > 5g/kg (estimate value)

LOCAL EFFECTS : Irritation might occur after contacting skin, eyes and mucosal for long time or repeatedly.

SENSITIVITY : Not applicable

CHRONIC TOXITY : Not applicable

CARCINOGENICITY : According to OSHA, IARC carcinogenic is classified as to its carcinogenicity to humans [highly refined mineral oils] in Group 3. In EU, it is appraised as not classifiable as to its carcinogenicity.

MUTAGENICITY : Not applicable

TERATOGENICITY : Not applicable

REPRODUCTIVE EFFECT : Not applicable

OTHERS : Diarrheal or vomit might occur if drinking and irritations occur if contacting to skin and eyes. Inhaling mist or vapor affect in feeling sick.

12. ECOLOGICAL INFORMATION

DEGRADABILITY : Not applicable

ECO TOXICITY : Not applicable

TOXICITY ON THE OZONE LAYER : Not applicable

13. DISPOSAL CONSIDERATIONS

This product is a controlled waste. Collect and dispose of waste product at an authorized facility, in conformance with national and local regulations. Or outsource the job of disposing to local government. Case with landfill disposal, burn up with incineration facility and ensure the burnt residue is substandard by 'WASTE MANAGEMENT AND PUBLIC CLEANSING LAW'. Do not dispose waste product into rivers or drains.

14. TRANSPORT INFORMATION

INTERNATIONAL REGULATION

UNITED NATIONS CLASSIFICATION	: No dangerous materials
UNITED NATIONS NUMBER	: No dangerous materials
IATA	: No dangerous materials

DOMESTIC REGULATION (WITH JAPANESE LAWS)

OVERLAND REGULATION

CONTAINERS	: Use containers according to Japanese law on hazardous materials and be aware of checking if containers meet test standards by the law.
SIGNS ON CONTANERS	: 1 Designed flammable goods, Grease 2 (Amount) 3 Fire prohibited
LOADING METHOD	: Carry containers not to get excessive friction or wobble. Height of loaded containers must be under 3 m.
ROAD ACT	: No dangerous materials
MARINE REGULATION	: No dangerous materials
AERONAUTICAL REGULATION	: No dangerous materials
TRANSPORT PRECAUTIONS	: Check if there are a breaks, rot or leak. Extreme friction or shaky are undesignable during transportation . Make sure to put the sign 'Fire Prohibited'

15. APPLICABLE LAWS (Japanese Laws)

FIRE DEFENSE LAW	: Designed Flammable goods (Combustible Liquid)
ACT ON PROMOTION OF CHEMICAL MANAGEMENT	: Not applicable
INDUSTRIAL SAFETY AND HEALTH ACT	: Notifiable Substance
POISONOUS AND DELECTERIOUS-SUBSTANCES CONTROL ACT	: Not applicable

WASTE MANAGEMENT AND PUBLIC CLEASING ACT	: Factory waste
WATER POLLUTION CONTROL LAW	: Oil extraction regulation Detected as Normal-hexane extracts
ACT ON PREVENTION OF MARINE POLLUTION	: Oil extraction regulation Detected as Normal-hexane extracts
SEWERAGE ACT	: Mineral oil extraction regulation
ROAD ACT	: Not classified as dangerous materials
SHIP SAFETY ACT	: Not classified as dangerous materials
REGULATIONS FOR THE CARRIAGE AND- STORAGE OF DANGEROUS GOODS IN SHIPS	: Not classified as dangerous materials
CIVIL AERONAUTICS ACT	: Not classified as dangerous materials

16. OTHER INFORMATION

CONTACT INFO : CFP Corporation Synthetic Resin Division
TEL +81 84 946 6655

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