
Product Name: FUSER OIL in FUSER OIL ROLLER MSDS No.: GRS-027Q

Issue Date: 2 November 2001

1. PRODUCT AND COMPANY IDENTIFICATION

Product Name : FUSER OIL in FUSER OIL ROLLER

Used for: magicolor 2200 series printers

Product Classification : Silicone Fluid

Supplier Identification:

Minolta Co., Ltd.

3-13, 2-Chome, Azuchi-Machi, Chuo-Ku, Osaka 541-8556 JAPAN

Contact Point:

Minolta-QMS, Inc.

One Magnum Pass, Mobile, Alabama USA 36618

Tel: 251/633-4300

2. COMPOSITION / INFORMATION ON INGREDIENTS

Substance [X] Preparation []

Hazardous Ingredients: None present

Major Ingredients

Chemical Name: Dimethylpolysiloxane

CAS No.: 63148-62-9 100 %

3. HAZARDS IDENTIFICATION

Hazards Classification: None (based on IMO)

Fire and Explosion: Not considered flammable nor combustible, but will burn if involved in a fire.

Potential Health Effect:

Skin contact: May cause slight skin irritation, but no significant effect.

Eyes contact: May cause slight eyes irritation.

Ingestion: Estimated to be low-harmful.

4. FIRST AID MEASURES

Skin Contact: Remove product from skin with dry cloth or towel, and wash exposed area with detergent.

Eye Contact: Immediately flush with water for at least 15 minutes.

Ingestion: Wash out mouth with water provided person is conscious. Never give anything by mouth to an unconscious person. Call a physician immediately.

Further Information: None

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5. FIRE FIGHTING MEASURES

Suitable Extinguishing Media: Foam, dry chemical or carbon dioxide

Special Firefighting Procedures: None

Unusual Fire and Explosion Hazard: None

6. ACCIDENTAL RELEASE MEASURES

Methods for Cleaning Up:

Contain the spill or leak.

Scrape up with cardboard or rag and place in container.

7. HANDLING AND STORAGE

Handling and Storing:

Keep container closed when not in use.

Store in a cool place.

Keep away from heat and flame.

Do not lay the container on its side.

Avoid contact with eyes and prolonged or repeated skin contact.

Keep out of reach of children.

Emptied Container:

Do not re-use this container.

Keep away from heat, sparks and flame.

Do not puncture or cut this container, and do not weld on or near this container.

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

Control Parameters:

ACGIH TLV-TWA(USA): Not established

OSHA PEL(USA): Not established

Personal Protective Equipment:

Respiratory Protection: None required when used as intended in Minolta equipment.

Hand protection: None required when used as intended in Minolta equipment.

Eye Protection: None required when used as intended in Minolta equipment.

Skin Protection: None required when used as intended in Minolta equipment.

Other: For use other than normal customer-operating procedures, goggles and respirators may be required.

Hygiene Measures: Wash hands after handling.

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9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance (Form): Fluid (Color): Colorless, transparent
Odor: Odorless
Boiling Point: Not applicable
Melting Point: Not applicable
Flash Point(°C): 325 (open cup)
pH: No data available
Explosion Properties: No data available
Specific Gravity: 0.97 (25°C)
Solubility in water: Not soluble (< 1 ppm)
Flammability: No data available
Oxidizing properties: No data available
Vapor Pressure: Not determined (25 °C)
Partition Coefficient, n-Octanol/water: No data available
Viscosity(mm²/s): 100*110
: (Butyl Acetate=1)

10. STABILITY AND REACTIVITY

Stability: Stable
Conditions to Avoid: None
Materials to Avoid: None
Hazardous Decomposition Products: None
Hazardous Polymerization: Will not occur
Condition to Avoid: None

11. TOXICOLOGICAL INFORMATION

Acute Toxicity:
Ingestion (oral), LD50(mg/kg): No significant effect (Rats)
(estimated by similar dimethylpolysiloxane)
Inhalation, LC50(mg/l): No significant effect
Eye Irritation: May cause temporary discomfort
Skin Irritation: No significant effect
Skin Sensitizer: No significant effect
Subacute Toxicity: No evidence of subacute toxicity in rats or mice
Mutagenicity: No evidence of mutagenicity
Chronic Toxicity: No significant effects were observed.
Carcinogenicity: No evidence of carcinogenicity in laboratory animals
IARC Monographs: Not listed
NTP (USA): Not listed,
OSHA Regulated (USA): Not listed
Reproductive Effect: No information is available.
Teratogenic Effect: No clear evidence of teratogenic effect
(estimated)

Other Information:

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This product can generate formaldehyde at approximately 150°C(300°F) and above in the presence of air. Formaldehyde is a skin and respiratory sensitizer, eye and throat irritant, acute toxicant and potential cancer hazard. So, use adequate ventilation or wear protective equipment such as gloves, goggles or protective clothing when this product is heated at approximately 150°C(300°F) and above in the presence of air.

12. ECOLOGICAL INFORMATION

Biodegradation: No evidence of biodegradation
Bioaccumulation: No evidence of bioaccumulation
Aquatic Toxicity: No evidence of aquatic toxicity
Other Information: May cause decomposition in dry soils.

13. DISPOSAL CONSIDERATIONS

Appropriate Methods of Disposal

Preparation (community provisions):

Can be burned in a chemical incinerator equipped with an afterburner and scrubber.

Contaminated Packaging:

Do not dispose the emptied container unlawfully.
Observe all federal, state, and local laws.

14. TRANSPORT INFORMATION

UN No.: None
IMO Classification and Class:None
Packaging Group: None
Proper Shipping Name: None
Technical Shipping Name: None
Marine Pollutant: None
DOT Reportable Quantity (RQ):
Hazard Substance(s) Name/(CAS No.), Contents and RQ:
Not applicable

15. REGULATORY INFORMATION

US Information

TSCA (Toxic Substances Control Act):

Listed on the TSCA Inventory.

SARA (Superfund Amendments and Reauthorization Act of 1986) TITLE III

313 Reportable Ingredients: None

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California Proposition 65:

This product contains no chemical substances subject to California Proposition 65.

EU Information

EINECS (European Inventory of Existing Commercial Chemical Substances):

Listed on the EINECS

Information on the Labeling-Regulations:

Symbol: Not required

R-Phrase : Not required

S-Phrase : Not required

Contains : None

16. OTHER INFORMATION

Recommended uses: Fuser oil for magicolor 2200 series printers

Restrictions:

Information on this data sheet represents our current data and the best opinion as to the proper use in handling of this product under normal conditions specified in our User's Manual. However, neither Minolta Co., Ltd. nor any of its subsidiaries assumes any liability whatsoever for the accuracy or completeness of the information contained herein. All materials may present unknown hazards and should be used with caution. Although certain hazards are described herein, we do not guarantee that these are the only hazards which exist.
