

Canon MATERIAL SAFETY DATA SHEET

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SO0009-0201

SECTION 1 IDENTIFICATION OF THE SUBSTANCE/PREPARATION AND OF THE COMPANY/UNDERTAKING

Product Name: FUSER OIL FOR LSR BEAM PRINTER LBP-P320 APPLE (M3755G/A)

Product Code: R95-6001-000

Company Name: Canon Inc.

Address: 30-2, Shimomaruko 3-Chome, Ohta-ku, Tokyo 146, Japan

Phone #: 03-3758-2111

MSDS #: SO0009-0201

SECTION 2 COMPOSITION/INFORMATION ON INGREDIENTS

Hazardous Ingredient(s)

Chemical Name	CAS #	Weight %	EU Symbol	EU R-Phrase
None				

Chemical Name	USA OSHA PEL	ACGIH TLV
None		

Chemical Name	EU ILV	DFG MAK
None		

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SECTION 2 COMPOSITION/INFORMATION ON INGREDIENTS - Continued

Carcinogen Chemical Name	CAS #	Reference
None		

Other Ingredient(s) Chemical/Generic Name	Weight %
Methylphenylpolysiloxane (68083-14-7)	100

SECTION 3 HAZARDS IDENTIFICATION

Emergency Overview: Appearance of this product is colorless, transparent and odorless fluid. Be careful, contaminated surface by spilt product is slippery.

Potential Health Effects and Symptoms:

Inhalation: Not applicable under usual condition because this product can hardly evaporate.

Ingestion: No information is available.

Eye: May cause slight irritation.

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

Chronic Effects: No information is available.

Medical Conditions Generally known to be Aggravated by Exposure:
No information is available.

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SECTION 4 FIRST AID MEASURES

First Aid Measures:

Inhalation: If person breathes in large amounts, remove to fresh air.

Ingestion: If conscious, wash out mouth with water. Never give anything by mouth to an unconscious person. Call a physician immediately.

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

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

Note to Physicians: None

SECTION 5 FIRE FIGHTING MEASURES

Fire Fighting Measures:

Extinguishing Media: CO₂, foam or dry chemical.

Unsuitable Extinguishing Media: No information is available.

Special Fire Fighting Procedures: Not required

Unusual Fire and Explosion Hazards: None

Fire and Explosive Properties:

Flash Point(°C): 300 °C Min. (Open cup)

Flammable(Explosive) Limits: Not measured

Autoignition Temperature(°C): No data available

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

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SECTION 5 FIRE FIGHTING MEASURES - Continued

Fire and Explosive Properties - Continued:

Autoflammability: Not applicable

Explosive Properties: Not applicable

Oxidizing Properties: Not applicable

Hazardous Combustion Products: CO and CO₂

Other Properties: None

SECTION 6 ACCIDENTAL RELEASE MEASURES

Personal Precautions: Avoid contact with eyes and prolonged or repeated skin contact.
See SECTION 11 "Others" of this MSDS

Environmental Precautions: No data available

Method for Cleaning Up: Scrape up with cardboard or rag and place in container.

SECTION 7 HANDLING AND STORAGE

Handling: Avoid contact with eyes and prolonged or repeated skin contact.

Storage: Store in a cool place. Keep container closed when not in use. Keep away from heat and flame. Do not lay the container on its side.

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SECTION 8 EXPOSURE CONTROLS / PERSONAL PROTECTION

Exposure Guidelines: Not established.
See SECTION 2

Engineering Controls: See SECTION 11 Others

Personal Protection Equipment(s):

Respiratory Protection: Required Not Required
See SECTION 11 Others

Eye/Face Protection: Required Not Required
Safety glasses if needed.

Skin Protection: Required Not Required
Plastic film or rubber gloves if needed.

SECTION 9 PHYSICAL AND CHEMICAL PROPERTIES

Appearance: Colorless and transparent fluid

Odor: Odorless

pH: Not applicable

Boiling Point/Range(°C): Not applicable

Melting Point/Range(°C): No data available

Decomposition Temperature(°C): No data available

Flash Point(°C): 300 °C Min. (Open cup)

Flammable (Explosive) Limits: Not measured

Autoignition Temperature(°C): No data available

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

Autoflammability: Not applicable

Explosive Properties: Not applicable

Oxidizing Properties: Not applicable

Vapor Pressure: Negligible (at 25 °C)

Vapor Density: Not applicable

Density / Specific Gravity: 1.05 (25 °C)

Water Solubility: Not soluble (<1 ppm)

Fat Solubility: No data available

Partition Coefficient (n-Octanol/Water): no data available

Percent Volatile: Negligible

Evaporation Rate: Not applicable

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SECTION 10 STABILITY AND REACTIVITY

Stability: Stable Unstable
Conditions to Avoid: None

Materials to Avoid: None

Hazardous Decomposition Products: None

Hazardous Polymerization: May Occur Will Not Occur
Conditions to Avoid: None

SECTION 11 TOXICOLOGICAL INFORMATION

Acute Toxicity:

Inhalation: Not applicable

Ingestion: Estimated by similar methylphenylpolysiloxane
LD50(oral-rat): > 5 g/kg

Eye: No data available
May cause transitional slight eyes irritation.

Skin: No data available but essentially nonirritating to skin.

Sensitization: No data available

Mutagenicity: No data available

Reproductive Toxicity: No data available

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SECTION 11 TOXICOLOGICAL INFORMATION - Continued

Carcinogenicity: No carcinogen or potential carcinogen, according to IARC Monographs, NTP, OSHA(USA) regulation and EU Directive.

Others: This product may generate formaldehyde at approximately 150 °C 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.

SECTION 12 ECOLOGICAL INFORMATION

Mobility: No information is available

Persistence / Degradability: No information is available

Bioaccumulation: No information is available

Ecotoxicity: No information is available

Other Adverse Effects: No information is available

SECTION 13 DISPOSAL CONSIDERATION

Method of Disposal: Can be burned in a incinerator equipped with an afterburner and scrubber.
Do not dispose the emptied container unlawfully.
Observe all federal, state, and local laws.

SECTION 14 TRANSPORT INFORMATION

UN #: None

UN Shipping Name: None

UN Classification: None

UN Packing Group: None

Special Precautions: None

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SECTION 15 REGULATORY INFORMATION

EU Information:

Information on the Label:

Symbol & Indication: Not required

R-Phrase: Not required

S-Phrase: Not required

Dangerous Component(s):

None

Specific Provisions in Relation to Protection of Man or the Environment:

76/769/EEC: Not regulated

(EC)3093/94: Not regulated

(EEC)2455/92: Not regulated

Others: None

USA Information:

Information on the Label:

Signal Word: Not required

Hazard warning: None

Safety Advice: None

Hazardous Component(s): None

SARA Title III §313:

Chemical Name

Weight %

None

California Proposition 65:

Chemical Name

Weight %

None

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SECTION 16 OTHER INFORMATION

Literature Reference:

- U.S. Department of Labor, 29CFR Part 1910
- U.S. Environmental Protection Agency, 40CFR Part 372
- U.S. Consumer Product Safety Commission, 16CFR Part 1500
- ACGIH, Threshold Limit Values for Chemical Substances and Physical Agents and Biological Exposure Indices
- U.S. Department of Health and Human Services National Toxicology Program, Annual Report on Carcinogens
- World Health Organization International Agency for Research on Cancer, IARC Monographs on the Evaluation on the Carcinogenic Risk of Chemicals to Humans
- DFG, List of MAK and BAT Values
- EU Directive 76/769/EEC, 67/548/EEC, 88/379/EEC and their amendments.
- EU Regulation (EC)3093/94, (EEC)2455/92 and their amendments.

Other Information:

None

Abbreviations:

- "EU" stands for European Union.
- "OSHA" stands for PEL (Permissible Exposure Limit) under Occupational Safety and Health Administration.
- "ACGIH" stands for TLV (Threshold Limit Value) under American Conference of Governmental Industrial Hygienists.
- "ILV" stands for Indicative Limit Values for Occupational Exposure under EU Directive 91/322/EEC.
- "DFG" stands for MAK (Maximale Arbeitsplatzkonzentrationen) under Deutsche Forschungsgemeinschaft.
- "TWA" stands for Time Weighted Average.
- "IARC" stands for International Agency for Research on Cancer.
- "NTP" stands for National Toxicology Program (USA).

This information relates only to the specific material designated and may not be valid for such material used in combination with any other material or in any other process. It is based on the level of our knowledge as of the date of preparation.

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