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

Product Identifier:**Product Name:** CLEANER, FO, POWDER**Product Code:** FY9-6024**Relevant Identified Uses and Uses Advised Against :** Cleaning powder**Manufacturer:** Canon Inc.**Address:** 30-2, Shimomaruko 3-Chome, Ohta-ku, Tokyo 146-8501, Japan**Details of Supplier of Safety Data Sheet:****Supplier:** Canon Europa NV**Address:** Bovenkerkerweg 59, 1185XB Amstelveen, The Netherlands**Telephone Number:** +31 20 5458545, +31 20 5458222**E-mail Address:** www.canon-europe.com, ceu-Reach@canon-europe.com**Emergency Telephone Number:** DENMARK: +45 82 12 12 12; GERMANY: +49 30 19240, +49 761 19240;
BELGIUM & NETHERLANDS: +32 70 245 245; FRANCE: +33 1 40 05 48 48;
UK only 0845 4647; FINLAND: +358 9 471 977; SWEDEN: +46 8 33 12 31

SECTION 2 HAZARDS IDENTIFICATION

Emergency Overview: Light brown powder, odorless.**US Regulatory Status:** Not classified as hazardous.**US Label Elements under OSHA HCS:****Signal Word:** Not required**Hazard Warning:** Not required**Safety Advice:** Not required**Hazardous Component:** Not required**EU Classification:** Not classified as dangerous.**EU Label Elements:****Symbol & Indication:** Not required**R-Phrase:** Not required**S-Phrase:** Not required**Dangerous Component:** Not required**Applicable Label Elements in accordance with Annex V to 1999/45/EC:** Not required**Authorisation# under (EC) No 1907/2006:** Not required**Other Hazards:** None

SECTION 3 COMPOSITION/INFORMATION ON INGREDIENTS

Substance or Mixture: Mixture

Ingredient(s):

Chemical Name/ Generic Name	CAS#	EC#/ Registration#	Concentration/ Concentration Range (%)	EU Classification according to 67/548/EEC		EU Classification according to (EC) No 1272/2008	
				Symbol/ Indication of Danger	R-Phrase* ¹	Hazard Class/ Category Code	Hazard Statement* ¹
Aluminum oxide	1344-28-1	215-691-6	40<	None	None	None	None
Zirconium silicate	10101-52-7	233-252-7	<60	None	None	None	None

*1 Full texts of R-phrase(s) and Hazard statement(s) are listed in SECTION 16

Carcinogen(s):

Chemical Name: _____ **CAS#:** _____ **Reference:** _____

No component of this product is listed as a human carcinogen or a potential carcinogen in IARC Monographs, NTP, OSHA regulations or Part 3 of Annex VI to Regulation (EC) No 1272/2008.

PBT Substance(s) and vPvB Substance(s):

Chemical Name: _____ **CAS#:** _____ **Category:** _____

None

Substance(s) listed in Candidate List of SVHC:

Chemical Name: _____ **CAS#:** _____ **Category:** _____

None

SECTION 4 FIRST AID MEASURES

First Aid Measures:

- Inhalation:** Remove to fresh air and keep at rest in a position comfortable for breathing. Seek medical advice, if necessary.
- Ingestion:** Seek medical advice at once.
- Skin:** Rinse skin with water/shower. Wash contaminated clothing before reuse.
- Eye:** Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Seek medical advice if irritation persists.

Most Important Symptoms and Effects, both Acute and Delayed:

- Inhalation:** Exposure to excessive amounts of dust may cause physical irritation to respiratory tract.
- Ingestion:** Ingestion is a minor route of entry for the usage of this product.
- Skin :** May cause irritation.
- Eye:** May cause irritation.
- Chronic Effects:** Not identified

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Medical Conditions Generally known to be Aggravated by Exposure: Not identified

Indication of Any Immediate Medical Attention and Special Treatment Needed: Not identified

SECTION 5 FIRE FIGHTING MEASURES

Extinguishing Media:

Suitable Extinguishing Media: Use extinguishing measure that are appropriate to local circumstances and the surrounding environment.

Unsuitable Extinguishing Media: None

Special Hazards: None

Hazardous Combustion Products: None

Advice for Fire-fighters: Wear self contained breathing apparatus for fire fighting if necessary.

SECTION 6 ACCIDENTAL RELEASE MEASURES

Personal Precautions, Protective Equipment and Emergency Procedures: Avoid contact with skin, eye and clothing. Avoid breathing vapor and mist.

Environmental Precautions: Do not release to sewer, surface or ground water.

Methods and Material for Containment and Cleaning Up: Sweep up and shovel. Keep in suitable, closed containers for disposal.

Reference to Other Sections: See section 8 and 13 if necessary.

SECTION 7 HANDLING AND STORAGE

Precautions for Safe Handling: Use only in a well-ventilated area. Minimize dust generation and accumulation. Provide appropriate exhaust at places where dust is formed.

Conditions for Safe Storage, Including Any Incompatibilities: Store in cool place. Keep container tightly closed in a dry and well-ventilated place.

Specific End Uses: Cleaning powder

SECTION 8 EXPOSURE CONTROLS / PERSONAL PROTECTION

Control Parameters:

Product:	USA OSHA PEL	ACGIH TLV	EU OEL	DFG MAK
Product (Cleaning powder)	PNOR: TWA 15 mg/m ³ (Total dust), TWA 5 mg/m ³ (Respirable fraction)	PNOS: TWA 10 mg/m ³ (Inhalable fraction), TWA 3 mg/m ³ (Respirable fraction)	Not established	Dust: 4 mg/m ³ (Inhalable fraction), 1.5 mg/m ³ (Respirable fraction)

Ingredient(s):	USA OSHA PEL	ACGIH TLV	EU OEL	DFG MAK
Aluminum oxide	TWA 15 mg/m ³ (Total dust), TWA 5 mg/m ³ (Respirable fraction)	TWA 1 mg/m ³ (Respirable fraction)	Not established	Dust: 4 mg/m ³ (Inhalable fraction), 1.5 mg/m ³ (Respirable fraction)
Zirconium silicate	TWA 5 mg/m ³ (as Zr)	TWA 5 mg/m ³ (as Zr), STEL 10 mg/m ³ (as Zr)	Not established	Not established

Exposure Controls:

Engineering Controls: No special ventilation equipment is needed under the usage of this product.

DNEL(s): No data available

PNEC(s): No data available

Individual Protection Measures:

Eye/Face Protection: Required Not Required Wear safety glasses with side shields or goggles.

Skin Protection: Required Not Required Wear appropriate chemical resistant clothing and gloves.

Respiratory Protection: Required Not Required Respiratory protection is not required. Dust preventive mask recommended.

SECTION 9 PHYSICAL AND CHEMICAL PROPERTIES

Information on Basic Physical and Chemical Properties:

Appearance:	<u>Powder</u>
Odor:	<u>Odorless</u>
pH:	<u>Not applicable</u>
Melting Point/Freezing Point (°C):	<u>No data available</u>
Initial Boiling Point and Boiling Range (°C):	<u>No data available</u>
Flash Point (°C):	<u>Not applicable</u>
Evaporation Rate:	<u>Not applicable</u>
Flammability:	<u>Not applicable</u>
Upper/Lower Flammable or Explosive Limits:	<u>Not applicable</u>
Vapor Pressure:	<u>Not applicable</u>

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Vapor Density:	Not applicable
Relative Density:	No data available
Water Solubility:	Insoluble (Disperses)
Fat Solubility:	No data available
Partition Coefficient (n-Octanol/Water):	No data available
Auto-ignition Temperature (°C):	No data available
Decomposition Temperature (°C):	No data available
Viscosity (mPa s):	Not applicable
Explosive Properties:	No data available
Oxidizing Properties:	No data available
Other Information:	No data available

SECTION 10 STABILITY AND REACTIVITY

Reactivity:	None
Chemical Stability:	<input checked="" type="checkbox"/> Stable <input type="checkbox"/> Unstable
Possibility of Hazardous Reactions:	None
Conditions to Avoid:	Dust generation
Incompatible Materials:	Not available
Hazardous Decomposition Products:	Not available

SECTION 11 TOXICOLOGICAL INFORMATION

Information on Toxicological Effects:**Acute Toxicity:**

Inhalation: Not available

Ingestion: Not available

Corrosivity/Irritation:

Skin: Not available

Eye: Not available

Sensitization:

Skin: Not available

Repeated Dose Toxicity: Not available

Carcinogenicity: Not available

Mutagenicity: Not available

Toxicity for Reproduction:	Not available
Other Information:	Ingested aluminum oxide may have effects on the central nervous system. However, no ingestion of aluminum oxide at a level which causes such adverse effects is expected under the usage of this product.
Toxicokinetics, Metabolism and Distribution:	Not available

SECTION 12 ECOLOGICAL INFORMATION

Toxicity:	No data available
Persistence and Degradability:	No data available
Bioaccumulative Potential:	No data available
Mobility in Soil:	No data available
Results of PBT and vPvB Assessment:	No data available
Other Adverse Effects:	No data available

SECTION 13 DISPOSAL CONSIDERATIONS

Waste Treatment Methods:	DO NOT dump this product into sewers, on the ground or into any body of water. Comply with all national and local regulations.
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SECTION 14 TRANSPORT INFORMATION

UN Number:	None
UN Proper Shipping Name:	None
Transport Hazard Class:	None
Packing Group:	None
Environmental Hazards:	None
Special Precautions for User:	None
Transport in Bulk according to Annex II of MARPOL 73/78 and IBC Code:	None

SECTION 15 REGULATORY INFORMATION

US Information:**SARA Title III, 313:****Chemical Name:****Wt%:**

None

California Proposition 65:**Chemical Name:****Wt%:**

None

EU Information:**Safety, Health and Environmental Regulations/Legislation:****(EC) No 1907/2006:****Authorisation:**

Not regulated

Restriction:

Not regulated

(EC) No 1005/2009:

Not regulated

(EC) No 850/2004:

Not regulated

(EC) No 689/2008:

Not regulated

Others:

None

Chemical Safety Assessment under (EC) No 1907/2006:

Not assessed

SECTION 16 OTHER INFORMATION

Other Information:

None

Annex:

None

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Literature Reference:

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- 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 1999/45/EC
 - EU Regulation (EC) No 1907/2006, (EC) No 1272/2008, (EC) No 1005/2009, (EC) No 850/2004, (EC) No 689/2008
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Abbreviations:

- EU: European Union
- PBT: Persistent, Bioaccumulative and Toxic
- vPvB: very Persistent and very Bioaccumulative
- SVHC: Substances of Very High Concern
- OSHA PEL: PEL (Permissible Exposure Limit) under Occupational Safety and Health Administration
- ACGIH TLV: TLV (Threshold Limit Value) under American Conference of Governmental Industrial Hygienists
- EU OEL: Occupational exposure limits at Community level under Directive 2004/37/EC Annex, 98/24/EC Annex, 91/322/EEC Annex, 2000/39/EC Annex, 2006/15/EC Annex and 2009/161/EU
- DFG MAK: MAK (Maximale Arbeitsplatz-Konzentration) under Deutsche Forschungsgemeinschaft
- DNEL: Derived No-Effect Level
- PNEC: Predicted No-Effect Concentration