



SAFETY DATA SHEET

Issuing Date: 28-Jun-2021

Version 1

FUJICHROME Velvia 100 Professional [RVP100]

1. PRODUCT AND COMPANY IDENTIFICATION

Product Name	FUJICHROME Velvia 100 Professional [RVP100]
SAP Number	16326054, 16326107, 16326157, 16326169
Product Use	Photographic Film.
Uses advised against	<p>The Environmental Protection Agency prohibits processing and distribution of this chemical/product for any use other than: (1) In hydraulic fluids either for the aviation industry or to meet military specifications for safety and performance where no alternative chemical is available that meets U.S. Department of Defense specification requirements, (2) lubricants and greases, (3) new or replacement parts for motor and aerospace vehicles, (4) as an intermediate in the manufacture of cyanoacrylate glue, (5) in specialized engine air filters for locomotive and marine applications, and (6) in adhesives and sealants before January 6, 2025, after which use in adhesives and sealants is prohibited. In addition, all persons are prohibited from releasing PIP (3:1) to water during manufacturing, processing and distribution in commerce, and must follow all existing regulations and best practices to prevent the release of PIP (3:1) to water during the commercial use of PIP (3:1)*.</p> <p>*Pursuant to EPA's March 8, 2021 No Action Assurance Policy, EPA will exercise its enforcement discretion to not pursue enforcement regarding the prohibition on processing and distribution of PIP (3:1) for use in articles, and PIP (3:1) containing articles until September 4, 2021. Starting September 5, 2021, the No Action Assurance Policy expires and EPA may choose to begin enforcing the ban on processing and distribution. Please note the other requirements of the PIP (3:1) rule are not covered by EPA's No Action Assurance Policy (including downstream notification, release to water restrictions, and certain recordkeeping provisions). Please review the rule at 40 C.F.R. 751.407 to determine your compliance obligations.</p>
Manufactured by	Distributed in the USA by
FUJIFILM Corporation 7-3, AKASAKA 9-CHOME MINATO-KU Tokyo, Japan 107-0052	FUJIFILM North America Corporation 200 Summit Lake Drive Valhalla, NY 10595-1356
SDSs are available at the following website(s):	Not available
Company Phone Number	U.S.A: 800-473-3854
Emergency Telephone	Transport-CHEMTREC Inside NA: 800-424-9300 Transport-CHEMTREC Outside NA: 703-527-3887 Transport-CANUTEC Inside Canada: 613-996-6666 Medical Emergency (24 hour): 877-935-7387
E-mail	EHS@fujifilm.com

2. HAZARDS IDENTIFICATION

Classification

Not a dangerous substance or mixture according to the Globally Harmonized System (GHS).

GHS Label elements, including precautionary statements

Not classified

Precautionary Statements

Prevention

Not applicable

Response

Not applicable

Storage

Not applicable

Disposal

Not applicable

Hazards not otherwise classified (HNOC)

Not classified

3. COMPOSITION/INFORMATION ON INGREDIENTS

Chemical name	CAS No	Weight-%
Cellulose triacetate	9012-09-3	65-85%
Gelatin	9000-70-8	7-13%
Additives	Proprietary	3-7%
Silver halides (unprocessed film)	Proprietary	3-7%
Phenol, isopropylated, phosphate [PIP (3:1)]	68937-41-7	<0.0003

*The exact percentage (concentration) of composition has been withheld as a trade secret.

Each sheet of film has a cellulose triacetate base, coated with a photosensitive layer containing gelatin, silver halides and additives. During the photofinishing process the silver halides are being reduced to metal silver. With respect to health, safety and environmental aspects related to the chemical products used for the processing of this material, please refer to the corresponding Safety Data Sheets (SDS).

4. FIRST AID MEASURES

Description of first aid measures

General advice	Immediate medical attention is not required.
Eye contact	Not an expected route of exposure.
Skin contact	Not an expected route of exposure.
Inhalation	Not an expected route of exposure.
Ingestion	Not an expected route of exposure.

Most important symptoms and effects, both acute and delayed

None known.

Indication of any immediate medical attention and special treatment needed

Treat symptomatically.

5. FIRE-FIGHTING MEASURES

Suitable Extinguishing Media

Dry chemical, CO₂, water spray or alcohol-resistant foam.

Unsuitable Extinguishing Media

None known.

Specific hazards arising from the chemical

This product is capable of burning, but will not ignite or flash under normal conditions.

Hazardous Combustion Products

Carbon oxides. Nitrogen oxides (NO_x). Sulfur oxides.

Explosion Data

Sensitivity to Mechanical Impact none

Sensitivity to Static Discharge none

Protective Equipment and Precautions for Firefighters

Wear self contained breathing apparatus for fire fighting if necessary.

6. ACCIDENTAL RELEASE MEASURES

Personal precautions, protective equipment and emergency procedures

This article doesn't contain hazardous substances or mixtures intended to be released under normal or reasonably foreseeable conditions of use.

Environmental precautions

Prevent entry into waterways, sewers, basements or confined areas. Do not flush into surface water or sanitary sewer system. Prevent product from entering drains.

Methods and material for containment and cleaning up

Methods for Containment Not applicable.
Methods for cleaning up Pick up and transfer to properly labeled containers.

7. HANDLING AND STORAGE

Precautions for safe handling

Handle in accordance with good industrial hygiene and safety practice.

Conditions for safe storage, including any incompatibilities

Keep in a dry, cool and well-ventilated place. Keep in properly labeled containers.

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

Control parameters

Exposure Guidelines This product does not contain any hazardous materials with occupational exposure limits established by the region specific regulatory bodies.

Appropriate engineering controls

Engineering Measures None under normal use conditions

Individual protection measures, such as personal protective equipment

Eye/Face Protection None required under normal usage.

Skin and body protection None required under normal usage.

Respiratory protection None required under normal usage.

General Hygiene Considerations None under normal use condtions.

9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance	Not available	Physical state	Solid
Form	film		
Odor	Not available	Odor Threshold	Not available
pH	No data available		
Specific Gravity	Not available	Molecular Weight	Not available
Flash point	Not available	Autoignition temperature	Not available
Decomposition temperature	Not available	Boiling point / boiling range	Not available
Melting point / melting range	Not available	Freezing Point	Not available
Flammability Limit in Air	Not available		
Oxidizing Properties	Not available	Explosive Properties	Not available
Solubility	Not available	Partition coefficient	Not available
Evaporation rate	Not available	Vapor Pressure	Not available
Vapor density	No data available	Density	Not available
VOC (lb/gal)	Not available	VOC (g/l)	Not available
Dynamic viscosity	Not available		

10. STABILITY AND REACTIVITY

Reactivity

Stable under recommended storage conditions.

Chemical stability

Stable under recommended storage conditions.

Possibility of hazardous reactions

None under normal processing.

Conditions to Avoid

Protect from sunlight. Keep away from water, solvent, gases.

Incompatible materials

Strong oxidizing agents.

Hazardous decomposition products

None known.

11. TOXICOLOGICAL INFORMATION

Information on likely routes of exposure

Product Information

Acute toxicity	
Inhalation	Not an expected route of exposure.
Eyes	Not an expected route of exposure.
Skin	Not an expected route of exposure.
Ingestion	Not an expected route of exposure.

Component Information

Chemical name	Oral LD50	Dermal LD50	Inhalation LC50
Phenol, isopropylated, phosphate [PIP (3:1)]	> 5000 mg/kg (Rat)	> 10000 mg/kg (Rabbit)	> 200 mg/L (Rat) 1 h

Symptoms related to the physical, chemical and toxicological characteristics

No information available.

Delayed and immediate effects as well as chronic effects from short and long-term exposure

Irritation	Non-irritating during normal use.
Corrosivity	No information available.
Sensitization	No information available.
Mutagenic Effects	No information available.
Reproductive Toxicity	No information available.
Carcinogenicity	None known.

STOT - single exposure No information available.

STOT - repeated exposure No information available.

Target organ effects None known.

Aspiration hazard No information available.

Numerical measures of toxicity - Product Information

ATEmix (oral) >5000 mg/kg

ATE: Acute toxicity estimate

12. ECOLOGICAL INFORMATION

Ecotoxicity

This product contains PIP (3:1) at a concentration of <3ppm.

Chemical name	Algae/aquatic plants	Fish	Toxicity to microorganisms	Crustacea
Phenol, isopropylated, phosphate [PIP (3:1)]		LC50: =1.15mg/L (96h, Oncorhynchus mykiss) LC50: =1000mg/L (96h, Brachydanio rerio) LC50: =10.8mg/L (96h, Pimephales promelas)		EC50: =14mg/L (48h, Daphnia magna)

Persistence and degradability

No information available.

Bioaccumulation

No information available

Mobility

No information available.

Other adverse effects

No information available.

13. DISPOSAL CONSIDERATIONS

Waste Disposal Methods

The preferred waste management option is to: Recycle. Dispose of in accordance with federal, state, and local regulations.

Contaminated packaging

Not applicable.

14. TRANSPORT INFORMATION

<u>DOT</u>	Not regulated In situations involving the transportation of silver containing waste film across international boundaries, corresponding documentation may be required in accordance with the Basel Treaty and the OECD rules.
<u>TDG</u>	Not regulated
<u>MEX</u>	Not regulated
<u>ICAO (air)</u>	Not regulated
<u>IATA</u>	Not regulated
<u>IMDG</u>	Not regulated
<u>ADR</u>	Not regulated
<u>ADN</u>	Not regulated

15. REGULATORY INFORMATION

International Inventories

TSCA	Yes
DSL/NDSL	No
PICCS	No
EINECS/ELINCS	No
ENCS	No
IECSC	No
KECL	No
AIICS	No

***Yes - All component(s) of this product are included or are exempt from listing on the inventory.**

***No - Indicates the component(s) of this product are either not listed or have not been determined to be listed on the inventory.**

- TSCA** - United States Toxic Substances Control Act Section 8(b) Inventory
- DSL/NDSL** - Canadian Domestic Substances List/Non-Domestic Substances List
- EINECS/ELINCS** - European Inventory of Existing Chemical Substances/European List of Notified Chemical Substances
- ENCS** - Japan Existing and New Chemical Substances
- IECSC** - China Inventory of Existing Chemical Substances
- KECL** - Korean Existing and Evaluated Chemical Substances
- PICCS** - Philippines Inventory of Chemicals and Chemical Substances
- AIICS** - Australian Inventory of Industrial Chemicals

Additional information.

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U.S. Federal Regulations

TSCA Sections 4, 5 and 12(b)

This product does not contain any chemicals regulated by TSCA Sections 4, 5 or 12(b).

SARA 313

Not applicable.

SARA 311/312 Hazard Categories

Not applicable.

Clean Water Act.

Not applicable.

CERCLA

Not applicable.

U.S. State Regulations

California Proposition 65

This product does not contain any Proposition 65 chemicals

U.S. State Right-to-Know Regulations

Not applicable.

International Regulations

Canada - NDSL

This product does not contain any NDSL chemicals.

Mexico - Grade

No information available

Mexico - Carcinogen Status and Exposure Limits

No information available

Other Regulations

This product contains a chemical regulated by TSCA Section 6(h).

16. OTHER INFORMATION

NFPA	Health hazards 1	Flammability 0	Instability 0	Physical and chemical properties -
HMIS	Health hazards 1	Flammability 0	Physical hazards 0	Personal protection B

Prepared By FUJIFILM Environment, Health and Safety, phone: 800-473-3854

Revision Date 28-Jun-2021

Revision Note No information available

Disclaimer **The information provided in this Safety Data Sheet is correct to the best of our knowledge, information and belief at the date of its publication. The information given is designed only as a guidance for safe handling, use, processing, storage, transportation, disposal and release and is not to be considered a warranty or quality specification. The information relates only to the specific material designated and may not be valid for such material used in combination with any other materials or in any process, unless specified in the text.**

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