



SAFETY DATA SHEET

Section 1 : Identification

Product identifier

Product name: VALEZUS INK V2 (G) YELLOW

Item code: S-8609G

Recommended use of the chemical and restrictions on use

Relevant identified uses: INK for InkJet Printer

Company identification

Manufacturer: RISO KAGAKU CORPORATION
5-34-7 Shiba, Minato-ku, Tokyo, 108-8385, JAPAN
TEL: 81 (3) 5441-6611

Supplier: RISO, INC.
10 State Street, Suite 201, Woburn, MA 01801-2105 USA
TEL: (978) 777-7377

Section 2 : Hazards identification

Classification of the chemical in accordance with 29 CFR 1910.1200(d):

Not classified.

Label elements

Hazard pictograms: Not required.

Signal word: Not required.

Hazard statements: Not required.

Precautionary statements: Not required.

Hazards not otherwise classified (HNOC) : Not classified.

Section 3 : Composition/information on ingredients

Mixtures:

Chemical name	CAS No.	wt%
Petroleum solvent	64742-46-7	30-60
Pigment	Trade secret	3-10
Fatty acid ester	Trade secret	Trade secret
Higher alcohol	Trade secret	Trade secret

Section 4 : First-aid measures

Description of first aid measures

Inhalation: If you feel unwell, move from the contamination immediately to fresh air and seek medical advice.

Eye contact: In case of contact with eyes, rinse immediately with plenty of water and seek medical advice.

Skin contact: After contact with skin, wash immediately with plenty of water using a mild soap.

Ingestion: If swallowed, do not induce vomiting and seek medical advice.

Most important symptoms/effects, acute and delayed:
No further relevant information available.

Indication of any immediate medical attention and special treatment needed:
No further relevant information available.

Section 5 : Fire-fighting measures

Extinguishing media: Potassium carbonate mist, CO₂, foam, dry chemical powder, dry sand

Special hazards arising from the substance or mixture:
Fire could cause thick and black smoke.
Toxic products, CO and CO₂ could be formed by thermal decomposition.

Advice for fire-fighters: This ink does not act as a source of ignition, but might burn if exposed to a fire.

Section 6 : Accidental release measures

Personal precautions, protective equipment and emergency procedures:
Ventilate the area until material is completely picked up.

Environmental precautions: Do not flush into the drains.

Methods and material for containment and cleaning up:
Wipe up with cloth or paper.

Section 7 : Handling and storage

Precautions for safe handling:
Use only in the well-ventilated areas.
Avoid contact with skin.
Use only with the original cartridge.

Conditions for safe storage, including any incompatibilities:
Store at 5 - 35°C and protect from sunlight.
Keep out of the reach of children.
Use only with the original cartridge.

Section 8 : Exposure controls/personal protection

Control parameters

Occupational exposure guidelines:

Chemical name	CAS No.	OSHA PEL	ACGIH TLV
Petroleum solvent	64742-46-7	5 mg/m ³ *1	5 mg/m ³ *1

*1 : as mineral oil (CAS No.8012-95-1) mists

Appropriate engineering controls: Good general ventilation should be sufficient for most conditions.

Individual protection measures, such as protective equipment

Respiratory protection: Not normally required.

Hand protection: Recommend the use of gloves in case of contact with skin.

Eye protection: Not normally required.

Skin and body protection: Not normally required.

Section 9 : Physical and chemical properties

Physical state:	Yellow liquid
Odor:	Slight characteristic odor
pH:	Not applicable.
Melting point/freezing point:	< 0 °C
Boiling point:	> 200 °C
Flash point:	> 120 °C (Cleveland open-cup)
Evaporation rate:	No information available.
Flammability (solid, gas):	Not applicable.
Upper/lower flammability:	No information available.
Vapor pressure:	No information available.
Vapor density:	No information available.
Density:	0.80-0.95 g/cm ³ (23°C)
Solubility:	Insoluble in water.
Partition coefficient:	No information available.
Auto-ignition temperature:	> 200 °C
Decomposition temperature:	No information available.
Viscosity:	No information available.

Section 10 : Stability and reactivity

Reactivity:	No information available.
Chemical stability:	Stable under normal storage and handling conditions.
Possibility of hazardous reactions:	No information available.
Conditions to avoid:	Avoid direct sunlight, high temperatures, open flame.
Incompatible materials:	Halogens, strong acid, alkalis, oxidizing agents
Hazardous decomposition products:	Thermal decomposition Products: CO, CO ₂ . No decomposition if used for the intended uses.

Section 11 : Toxicological information

Information on toxicological effects

Acute toxicity:	Oral LD50 > 2000mg/kg (rat) *
Skin corrosion/irritation:	May cause slight irritation.*
Serious eye damage/eye irritation:	May cause slight irritation.*
Respiratory or skin sensitization:	No information available.
Germ cell mutagenicity:	Negative in the Ames test.
Carcinogenicity:	All ingredients in this product are not listed by IARC, NTP, MAK, OSHA or ACGIH as a carcinogen. All ingredients have not been classified as carcinogens according to EU, IARC, MAK, NTP or OSHA.
Reproductive toxicity:	No information available.
Specific target organ toxicity	
single exposure:	No information available.
repeated exposure:	No information available.
Aspiration hazard:	No information available.

**These information are based on toxicity data for similar materials and ingredients.*

Section 12 : Ecological information

Ecotoxicity:	Not classified.*
Persistence and degradability:	No information available.
Bioaccumulative potential:	No information available.
Mobility in soil:	No information available.
Other adverse effects:	No information available.

**This information is based on toxicity data for similar materials and ingredients.*

Section 13 : Disposal considerations

Waste treatment methods:	Burn in an adequate incinerator or bury in landfill in accordance with all applicable regulations. Any disposal practice must be in compliance with local, state and federal laws and regulations.
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Section 14 : Transport information

UN number:	Not regulated.
UN proper shipping name:	Not regulated.
Transport hazard class(es):	Not regulated. (DOT, IMDG, IATA)
Packing group:	Not regulated.
Environmental hazards:	Not regulated.
Transport in bulk according to Annex II of MARPOL73/78 and the IBC Code:	Not regulated.

Section 15 : Regulatory information

US Federal regulations	
TSCA (Toxic Substance Control Act):	All chemical substances in these products are listed on the TSCA chemical substance inventory, have been registered, or are exempt.
Clean Air Act Section 112 Hazardous Air Pollutants(HAPs):	Not listed.
SARA Section 313 (40 CFR 372.65) :	Not listed.
CERCLA (40 CFR 302.4):	Not listed.

Section 16 : Other information

Issue date:	2022/1/21
Revision date:	2022/5/30
SDS No.(Version No):	IAVAL200YU-01

The information herein is given in good faith, but no warranty, express or implies, is made.

Please consult RISO, INC. for further information.