

Katun Corporation

10951 Bush Lake Rd, Minneapolis, MN 55438

Tel: 952-941-9505 / www.katun.com

Katun # 50928
HP 556 INK CTG CYN 16K

Safety Data Sheet

According to EC 1271/2008 and 453/2010

Version 1.0 Revision: MAR 2020

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HMIS Hazard Ratings:

Health	1	slightly hazardous
Flammability	1	combustible
Reactivity	0	stable
Personal Protection	E	safety glasses, gloves, dust respirator

1. Identification of the substance/mixture and of the company/undertaking

1.1 Product identifier: HP 556 INK CTG CYN 16K

Trade name: Ink

Other means of identification: None

1.2 Relevant identified uses of the substance or mixture and uses advised against:

1.2.1 Relevant identified uses: Ink-Jet Printing

1.2.2 Uses advised against:

Do not supply to general public.

This product should be stored, handled, and used according to the rules of hygiene, safety, and environmental protection provided by existing laws.

1.3 Details of the supplier of the safety data sheet:

Supplier name: Katun Corporation

Address: 10951 Bush Lake Rd, Minneapolis, MN 55438

Tel: 952-941-9505

1.4 Emergency telephone number:

(Chemtrec) (800) 424-9300

2. Hazards identification

2.1 Classification of the substance or mixture

Regulation GHS / CLP

Not classified

2.2 Label elements

Hazard Substance: none

GHS / CLP Classification

Signal word: Not required

Symbol / Hazard statements

None None

Precautionary statements:

None

Response statements:

None

Storage statements:

P410+P412 Protect from sunlight. Do not expose to temperatures exceeding 50°C.

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2.3 Other hazards

None

3. Composition/information on ingredients

3.1 Substance/preparation: Mixture

3.1.1 Description of the mixture: Mixture of Not Listed

3.1.2 Hazardous ingredients

Component	CAS/EC/REACH Number	Classification EC 1272/2008	% by weight
Cyan Pigment		None	0.1-3
Glycerol	CAS 56-81-5 EC 200-289-5	None	1-20
2-Pyrroli-Dinone	CAS 616-45-5 EC 210-483-1	H319	0.1-9
Water	CAS 7732-18-5	None	50-90

3.1.3 Additional information

Full text of H- and EUH-phrases: see section 16

4. First aid measures

4.1 Description of first aid measures:

4.1.1 General information:

Move victim from the contaminated workplace to ventilated place. Call the hospital for medical assistance, and provide emergency treatment.

4.1.2 Following inhalation:

Remove victim to fresh air immediately. Get medical aid immediately.

4.1.3 Following skin contact:

Wash with soap and water.

4.1.4 Following eye contact:

Do not rub eyes. Immediately flush eyes with plenty of clean, warm water for at least 15 minutes, occasionally lifting the upper and lower lids. If irritation persists, get medical aid.

4.1.5 Following ingestion:

Wash out mouth with water and get medical aid.

4.1.6 Self-protection of the first aider:

No action shall be taken involving any personal risk or without suitable training. It may be dangerous to the person providing aid to give mouth-to-mouth resuscitation.

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4.2 Most important symptoms and effects, both acute and delayed:

No information available.

4.3 Indication of any immediate medical attention and special treatment needed:

Treat symptomatically and supportively.

5. Firefighting measures

5.1 Extinguishing media:

Suitable: Water spray, foam, or dry extinguishing media.

Unsuitable: None known.

5.2 Special hazards arising from the substance or mixture:

Decomposition products may include the following materials: carbon dioxide, carbon monoxide, sulfur oxides, nitrogen oxides, phosphorus oxides, smoke.

5.3 Advice for firefighters:

Good firefighting practice dictates the use of self-contained breathing apparatus and turnout gear. As in any fire, wear a self-contained breathing apparatus in pressure-demand, MSHA/NIOSH (approved or equivalent), and full protective gear. During a fire, irritating and highly toxic gases may be generated by thermal decomposition or combustion.

5.4 Additional information:

6. Accidental release measures

6.1 Personal precautions:

- Removal of ignition sources.
- Provision for sufficient ventilation.
- Respiratory protection.
- Do not breathe spray.

6.2 Environmental precautions:

Keep away from drains, surface and groundwater, and soil. To alert the neighborhood.

6.3 Methods and material for containment and cleaning up:

Move containers from spill area. Absorb with inert absorbent such as dry sand or commercial sorbents, or recover using pumps. Flush a small amount of residue with large amounts of water and detergent.

6.4 Reference to other sections:

Refer to protective measure list in Sections 8 and 13.

6.5 Additional information:

None.

7. Handling and storage

7.1 Precautions for safe handling:

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Prevent skin and eyes contact. Avoid ingestion and inhalation. Wash thoroughly after handling. Remove contaminated clothing and wash before reuse.

7.2 Conditions for safe storage, including any incompatibilities:

The substances in our product are very stable, please put it in a ventilated, cool, dry place. Keep container closed when not in use. Store away from food and drink.

7.3 Specific end uses:

None.

8. Exposure controls/personal protection

8.1 Control parameters:

No exposure limit value is derived.

8.2 Exposure controls:

- **Application of local exhaust ventilation (LEV) during the mixing of dyes**
- **Respiratory protection:**
- **Hand protection:**
- **Eye protection:** Wear safety glasses. Wear overall chemical splash goggles and face shield when the possibility exists for eye and face contact due to splashing or spraying of the material.
- **Body protection:** If there is potential for significant dermal contact, wear appropriate impervious clothing and gloves.

8.3 General safety and hygiene measures:

The usual precautions for the handling of chemicals must be observed.

9. Physical and chemical properties

9.1 Information on basic physical and chemical properties:

Appearance

- | | |
|---------------------------|-------------------|
| - Physical state: | Liquid |
| - pH value: | No data available |
| - Colour: | Cyan |
| - Odour: | Slight |
| - Odour threshold: | No data available |

Safety relevant basic data

- | | |
|----------------------------------|--------------------|
| - Melting Point: | No data available |
| - Boiling Point: | No data available |
| - Flash Point: | >93.3°C (>200°F) |
| - Evaporation Rate: | No data available |
| - Upper explosive limits: | No data available |
| - Lower explosive limits: | No data available |
| - Vapor pressure: | No data available |
| - Vapor density: | No data available |
| - Partition coefficient: | No data available. |

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- Auto ignition temperature:	No data available
- Decomposition temperature:	No data available
- Viscosity, dynamic:	No data available
- Oxidizing properties:	No data available
- Explosion hazard:	No data available
- Bulk density:	No data available
- Relative Density:	No data available
- Solubility in water:	Miscible
- Solubility in other solvents:	No data available
9.2 Other information:	None.

10. Stability and reactivity

10.1 Reactivity:

No dangerous reactive known under conditions of normal use.

10.2 Chemical Stability:

Stable under normal temperatures and pressures.

10.3 Possibility of hazardous reactions:

None.

10.4 Conditions to avoid:

Heat, moisture.

10.5 Incompatible materials:

Strong acid, strong bases, and strong oxidizing agents.

10.6 Hazardous decomposition products:

None under normal storage conditions.

11. Toxicological information

11.1 Information on toxicological effects:

- LD50/oral/rat:	>5000 mg/kg
- Skin irritation:	No data available
- Eye irritation:	No data available

11.2 Other information: None

12. Ecological information

12.1 Toxicity:

- LC50 (fish):	No data available
- EC50 (daphnia):	No data available
- IC50 (algae):	No data available

12.2 Persistence and degradability:

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- **Abiotic degradation:** No data available
 - **Chemical oxidation demand (COD) value:** No data available
 - **Biological oxidation demand (BOD) value:** No data available
 - **AOX:** No data available
 - **Total organic con. (TOC):** No data available
 - **Volatile organic compound (VOC):** No data available
 - **Biodegradability:** No data available
- 12.3 Bioaccumulative potential:**
- **Partition coefficient (n-octanol/water):** No data available
 - **Bioconcentration factor (BCF):** No data available
- 12.4 Mobility in soil:** No data available
- 12.5 Results of PBT and vPvB assessment:** This substance does not meet the PBT/vPvB criteria of REACH, annex XIII.
- 12.6 Other adverse effects:** None
- 12.7 Additional ecotoxicological information:**
- **Heavy-metal content:** Under the ETAD recommended limits.

13. Disposal considerations

13.1 Waste treatment methods:

- **Product disposal:** The generation of waste should be avoided or minimized wherever possible. Significant quantities of waste product residues should not be disposed of via the foul sewer but processed in a suitable effluent treatment plant. Dispose of surplus and non-recyclable product via a licensed waste disposal contractor.
- **Packaging:** Waste packaging should be recycled. Incineration or landfill should only be considered when recycling is not feasible. This material and its container must be disposed of in a safe way.

13.2 Additional information:

Disposal of this product, solutions, and any by-products should at all times comply with the requirements of environmental protection and waste disposal legislation and any regional local authority requirements.

14. Transport information

- 14.1 UN Number:** No classification assigned.
- 14.2 UN Proper Shipping Name:** No classification assigned.
- 14.3 Transport hazard class(es):** No classification assigned.
- 14.4 Packing group:** No classification assigned.
- 14.5 Environmental hazards:**
- Marine pollutant (Yes/No): No
- 14.6 Special precautions for user:** No special precautions are required for this product.

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14.7 Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code: Not applicable
Other information: Not applicable according to IATA.

15. Regulatory information

15.1 Safety, health and environmental regulations/legislation specific for the substance or mixture

U.S. Regulation:

TSCA inventory status:	Not listed
TSCA 12(b) export notification:	Not listed
Cerla section 103 (40cfr302.4):	Not Reportable
SARA section 302 (40cfr355.30):	Not Reportable
SARA section 304 (40cfr355.40):	Not Reportable
SARA section 313 (40cfr372.65):	Not Reportable
OSHA process safety (29cfr1910.119):	Not Reportable
State regulations:	
California proposition 65:	Not Reportable

European Regulations:

Registration REACH:	Not listed
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15.2 Chemical safety assessment:

Chemical Safety Assessment has been carried out No

16. Other information

16.1 Indication of changes:

16.2 Abbreviations and acronyms:

HMIS: Hazardous Materials Identification System	CAS: Chemical Abstracts Service
LD50: Lethal dose, 50 percent	LC50: Lethal concentration, 50 percent
EC50: Half maximal effective concentration	IC50: Half maximal inhibitory concentration
AOX: Halogenated organic compounds	IATA: International Air Transport Association
OSHA: Occupational Safety and Health Act	TSCA: Toxic Substance Control Act
DNEL: derived no effect level	PNEC: potential no effect concentration
CERCLA: Comprehensive Environmental Response, Compensation, and Liability Act	
ETAD: The Ecological and Toxicological Association of Dyes and Organic Pigments Manufacturers	
SARA: Superfund Amendments and Reauthorization Act	
H319: Causes serious eye irritation	

16.3 Key literature references and sources for data: No data available.

16.4 Classification for mixture and used evaluation method according to regulation (EC) 1207/2008 (CLP)

The mixture is not classified due to non-hazardous substances.