

Safety Data Sheet in Accordance with regulation: 1272/2008(CLP) app. 2015/830

Date of issue:11.21.2017

Replaces Data Sheet of:



"*" alterations as compared to previous version;
n.ap. = not applicable; n.av. = not available

SECTION 1: Identification of the substance/mixture and of the company/undertaking

1.1 Product identifier

Trade Name: HP CLJ Ent. CP4025/4525/CM4540 MAG (14K) MAX-LIFE
350424-043000

Preparation No.: n-av.
Registration No.: n-ap
Identified use: Toner

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

Use: Toner

1.3 Details of the Supplier of the safety data sheet

Address of the Company

Katun Corporation
10951 Bush Lake Rd.
Minneapolis, MN 55438

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10951 Bush Lake Rd.
Minneapolis, MN 55438

+1 952 941 9505

SECTION 2: Hazards identification

2.1 Classification of the substance or mixture

n. ap.

2.2 Label elements

Classification according to 1272/2008/EC / CLP:

Applicable Exemptions:

Signal word(s): Component(s):

Hazard pictogram(s):

H-Phrases:

None

P-Phrases:

P102: Keep out of the reach of children . P260a Do not breathe dust

P301 + P312 : IF SWALLOWED : Call a POISON CENTER / doctor .

Additional Markings

Although this product is not classified as hazardous, we recommend observing the safety advices . The above mentioned labeling is valid for distribution to private consumer.

2.3 other dangers Are:

This mixture contains no substances die rated as PBT or vPvB

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SECTION 3: Composition/information on ingredients

3.1	Substances n.a.
3.2	Mixture Chemical characteristation: Toner, powder form. This product contains no dangerous classified as ingredients or the concentrations are below the limits set by the legislation. Ingredients:

Description			H - Phrases	m% -
CAS - Num.	EC - Num.	REACH - Num.		
Titanium dioxide				<1
13463-67-7	236-675-5	-		
Wax				5-15
Confidential	Confidential	Not classified		
Styrene acrylate copolymer				70-90
Not classified	Not classified	Not classified		
Pigment				3-10
Not Classified	-			
Amorphous Silica (05-2116675723-36-0000)				<5
7631-86-9	231-545-4			

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SECTION 4: First aid measures

4.1 Description of first aid measures

4.1.1 Inhalation:

Move to fresh air in case of accidental inhalation of dust or fumes from overheating or combustion. If symptoms persist, call a physician.

4.1.2 Skin Contact:

Wash with water and soap as a precaution. In the case of skin irritation or allergic reactions see a physician.

4.1.3 Eye Contact:

Rinse immediately with plenty of water, also under the eyelids. If eye irritation persists, consult a specialist.

4.1.4 Ingestion:

Do not induce vomiting. Clean mouth with water and afterwards drink plenty of water. Consult a physician for severe cases.

4.2 Most important symptoms and effects, both acute and delayed

n.av.

4.3 Indication of any immediate medical attention and special treatment needed

None.

SECTION 5: Firefighting measures

5.1 Extinguishing media

5.1.1 Suitable Extinguishing Media:

Use dry chemical, CO₂, water spray or "alcohol" foam.

5.1.2 Extinguishing Media to Avoid:

None.

5.2 Special hazards arising from the substance or mixture

In the case of fire, the following product(s) may form: Carbon oxides.

5.3 Advice for firefighters

5.3.1 Special Protective Equipment:

Wear positive pressure self-contained breathing apparatus. Wear full protective clothing.

5.3.2 Additional Information:

None.

SECTION 6: Accidental release measures

6.1 Personal precautions, protective equipment and emergency procedures

See chapter 8.2.2

Contaminated surfaces will be extremely slippery.

6.2 Environmental precautions

Do not flush into surface water or sanitary sewer system.

6.3 Methods and material for containment and cleaning up

n.av.

6.4 Reference to other sections

None.

SECTION 7: Handling and storage

7.1 Precautions for safe handling

7.1.1 Precautions for Safe Handling:

Do not breathe dust. Avoid contact with skin and eyes. Remove and wash contaminated clothing before reuse. When using, do not eat, drink or smoke. Wash hands before breaks and at the end of workday.

7.1.2 Precautions in Case of Fire and Explosion:

Dust can form an explosive mixture in air.

7.2 Conditions for safe storage, including any incompatibilities

7.2.1 Storage Instructions:

Protect from frost, heat and sunlight.

7.2.2 Store away from:

Incompatible with oxidizing agents.

7.2.3 Further Information on Storage Conditions:

None.

7.3 Specific end use(s)

n.av.

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SECTION 8: Exposure controls/personal protection

8.1 Control parameters

Material / Limit Value

8.2 Exposure controls

8.2.1 Appropriate engineering controls

Handle in accordance with good industrial hygiene and safety practice. Avoid dust formation.

8.2.2 Individual protection measures

8.2.2a Respiratory Protection: Respirator must be worn if exposed to dust. Recommended Filter type: P-2

8.2.2b Hand Protection: In case of prolonged skin contact use protective gloves.

Please observe the instructions regarding permeability and breakthrough time which are provided by the supplier of the gloves. Also take into consideration the specific local conditions under which the product is used, such as the danger of cuts, abrasion, and the contact time.

8.2.2c Eye Protection: safety glasses

8.2.2d Skin Protection: Not relevant

8.2.2e Further Information: Observe wearing time limits: Not relevant

8.2.3 Environmental exposure controls: n.av.

SECTION 9: Physical and chemical properties

9.1 Information on basic physical and chemical properties

9.1.1 Form: powder Odour: characteristic

Odour threshold: n.av.

9.1.2 pH-value, undiluted: n.ap.

pH-value, 1% aqueous solution: n.ap.

9.1.3 Boiling point / Boiling - range (°C): n.av., Melting point / Melting range (°C): 100 – 150

9.1.4 Flash point (°C): n.av., closed cup

9.1.5 Flammability (EEC A10/A13): n.av.

9.1.6 Ignition temperature (°C): n.av.

9.1.7 Autoflammability (EEC A16): No

9.1.8 Oxidising properties: None.

9.1.9 Explosion hazard: n.av.

9.1.10 Explosion limits (Vol.%) lower: n.av., upper: n.av.

9.1.11 Vapour pressure: n.av.

Vapour density (Air = 1): n.ap.

9.1.12 Density (g/ml): 1,1 – 1,8

9.1.13 Solubility (in Water): immiscible Soluble in:

9.1.14 Partition coefficient, n-Octanol / Water: 0,53

9.1.15 Viscosity: n.av.

9.1.16 Solvent content (m %): n.ap.

9.1.17 Thermal decomposition (°C): n.av.

9.1.18 Evaporation rate: n.av.

9.2 Other information

n.av.

SECTION 10: Stability and reactivity

10.1 Reactivity

None.

10.2 Chemical stability

Stable under normal conditions.

10.3 Possibility of hazardous reactions

No dangerous reaction known under conditions of normal use.

10.4 Conditions to avoid

No conditions to be specially mentioned.

10.5 Incompatible materials

None.

10.6 Hazardous decomposition products

No decomposition if used as directed.

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SECTION 11: Toxicological information

11.1 Information on toxicological effects

Acute Health Effects:

Inhalation: n.av.

Ingestion: n.av.

Skin Contact: May cause skin irritation in susceptible persons.

Skin corrosion / irritation: May cause eye irritation with susceptible persons.

Serious eye damage / irritation: n.av.

Respiratory or skin sensitisation: n.av.

Germ cell mutagenicity: n.av.

Carcinogenicity: negative

Reproductive toxicity: n.av.

STOT-single exposure: n.av.

STOT-repeated exposure: n.av.

Aspiration hazard: n.av.

11.1.1 –Practical Experience

11.1.11 n.av.

11.1.12 Practical Experience

Observations relevant for classification:

The powdery toners may cause irritation to the eyes and respiratory system like other particulates of this size.

Further Observations:

None.

Classification of the preparation has been done by calculation in accordance with EEC directives

SECTION 12: Ecological information

12.1 Toxicity

«Column_121__Toxicity_English»

12.2 Persistence and degradability

The product is slightly soluble in water. It can be eliminated from water by abiotic processes.

12.3 Bioaccumulative potential

«Column_123_Bioaccumulative_potential_En»

12.4 Mobility in soil

n.av.

12.5 Results of PBT and vPvB assessment

This mixture contains no substances which are assessed to be PBT or vPvB.

12.6 Other adverse effects

12.6.1 COD-Value, mg/g: n.av.

12.6.2 BOD5-Value, mg/g: n.av.

12.6.3 AOX-Remarks: n.av.

12.6.4 Significant Components: None.

12.6.5 Other adverse effects: None.

SECTION 13: Disposal considerations

13.1 Waste treatment methods

13.1.1 Recommendation: Refer to manufacturer/supplier for information on recovery/recycling.

Waste - Code - No.: 08 03 18, The Waste code should be assigned in discussion between the user, the producer and the waste disposal company.

In addition comply with the regional authorities.

13.2 Contaminated Packaging

13.2.1 Recommendation: Wash with suitable cleaner. Otherwise as described under Residues. Offer rinsed packaging material to local recycling facilities.

13.2.2 Safe Handling: As described under Residues. Handle in accordance with good industrial hygiene and safety practice.

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SECTION 14: Transport information

ADR	IMDG	IATA
Not Classified as hazardous as above mentioned regulations	Not Classified as hazardous as above mentioned regulations	Not Classified as hazardous as above mentioned regulations
14.1. UN number.		
14.2. UN proper shipping name		
14.3. Transport hazard class(es)		
14.4. Packing group:		
14.5. Environmental hazards		
14.6. Special precautions for user		
Transport category::		Packing instructions (Comercial aircraft)
Classification code:		Packing instructions (Cargo aircraft)
Hazard No.:		
LQ:		
14.7. Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code		

SECTION 15: Regulatory information

15.1 Safety, health and environmental regulations/legislation specific for the substance or mixture			
15.1.1 Observe employment restrictions to MuSchG / JArb SchG : No.			
15.1.2 note storage obligation according § 8 (6) GefStoffV : No.			
15.1.3 Störfalverordnung beachten: No.			
15.1.4 Technical instructions :	Clase	digit	share m%
on air Quality		5.2.1	> 98 %
15.1.5 Water hazard class; Classification according to Vw/wS			
15.1.6 Storage class: 11			
15.1.7 Regulatory note on TRG S 510: No			
15.1.8 Regulatory note on TRG 300: No.			
15.1.9 Regulatory note on WRMG : No.			
15.1.10 Others mandatory regulations: None.			
15.2 Chemical safety assesment: n.a.			

SECTION 16: Other information

This datasheet has been compiled in accordance with EU regulation 2015/830.
The statements in this Material Safety Data Sheet were made to the best of our knowledge and are as accurate as possible. They are given for information only, they do not constitute a contractual guarantee of a product's properties. They must neither be altered nor transferred to other products.

None