Safety Data Sheet

OSHA HazCom Standard 29 CFR 1910.1200(g) revised in 2024 and GHS Rev 07

Date of issue: 07/15/2025 Revised on 07/15/2025

* 1 Identification

· **Product Identifier**

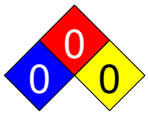
· **Trade Name: Pulse №1 Chai Latte**
· **Relevant identified uses of the substance or mixture and uses advised against:**
Used in cosmetic tattoo application.
· **Product Description:** Tattoo pigment

· **Details of the Supplier of the Safety Data Sheet:**
· **Manufacturer/Supplier:**
Hanafy Pigments USA
1420 NE Miami Place, Unit 2615
Miami, FL 33132
info@hanafy.us
P: 772-486-1375
· **Emergency telephone number:** 772-486-1375

2 Hazard(s) Identification

· **Classification of the substance or mixture:**
The product does not need classification according to OSHA HazCom Standard 29 CFR paragraph (d) of §1910.1200(g) and GHS Rev 03.

· **Label elements:**
· **Hazard pictograms:** Non-Regulated Material
· **Signal word:** Non-Regulated Material
· **Hazard statements:** Non-Regulated Material
· **Unknown acute toxicity:**
This value refers to knowledge of known, established toxicological or ecotoxicological values.
18.5 % of the mixture consists of component(s) of unknown toxicity.
· **Information pertaining to particular dangers for man and environment:**
· **Classification system:** NFPA/HMIS Definitions: 0-Least, 1-Slight, 2-Moderate, 3-High, 4-Extreme
· **NFPA ratings (scale 0 - 4)**



Health = 0
Fire = 0
Reactivity = 0

· **HMIS-ratings (scale 0 - 4)**

Health = 0
Fire = 0
Physical Hazard = 0

· **Hazard(s) not otherwise classified (HNOC):** None known
· **Classification according to (d)(1)(ii) of § 1910.1200**
The SDS issuer does not object to the classifications provided by importers or manufacturers of precursor products.
· **Hazards not otherwise classified**
There are no adverse physical or health effects known that are not covered by the hazard classes of the Hazard Communications Standard.

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3 Composition/Information on Ingredients

· **Chemical characterization: Substance**
· **Description:**
Mixture of substances listed with non-hazardous additions and/or components that are less than listing threshold. All non-hazardous, components listed under threshold, and listed component total 100%.

· **Dangerous Components:**

CAS: 56-81-5 RTECS: MA 8050000	Glycerol	15-35%
CAS: 6448-95-9	Fast Red N Acute toxicity - oral 4, H302; Sensitization - skin 1, H317	2-12%
CAS: 1333-86-4 RTECS: FF 5150100	Carbon black Carcinogenicity 2, H351; Skin irritation 2, H315; Eye irritation 2A, H319; Specific target organ toxicity (single exposure) 3, H335	2-12%
CAS: 67-63-0 RTECS: NT 8050000	Isopropanol Flammable liquids 2, H225; Eye irritation 2A, H319; Specific target organ toxicity (single exposure) 3, H336	2-12%
CAS: 8050-09-7	Rosin Skin irritation 2, H315; Sensitization - skin 1, H317; Specific target organ toxicity (single exposure) 3, H335; Eye irritation 2B, H320	≤2.5%
CAS: 13463-67-7	Titanium Dioxide Carcinogenicity 2, H351	≤2.5%

· **Additional information:**
The exact percentages of the ingredients of this mixture are considered to be proprietary and are withheld in accordance with the provisions of paragraph (i) of §1910.1200 of 29 CFR 1910.1200 Trade Secrets.

4 First-Aid Measures

· **Description of first aid measures**
· **General information:** If symptoms persist, call a physician.
· **After inhalation:**
In case of unconsciousness place patient stably in the side position for transportation.
Remove to fresh air.
· **After skin contact:**
Immediately wash with water and soap and rinse thoroughly.
If skin irritation occurs, consult a doctor.
· **After eye contact:**
Rinse opened eye for several minutes under running water.
If eye irritation occurs, consult a doctor.
· **After swallowing:**
If swallowed and symptoms occur, consult a doctor.
Drink plenty of water.
· **Most important symptoms and effects, both acute and delayed:** No further relevant information available.
· **Indication of any immediate medical attention and special treatment needed:** Treat symptomatically.

5 Fire-Fighting Measures

· **Extinguishing media**
· **Suitable extinguishing agents:**
Class B: dry chemical, carbon dioxide, foam, steam or water fog.

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Use fire fighting measures that suit the environment.
· ***For safety reasons unsuitable extinguishing agents:*** Water with full jet
· ***Special hazards arising from the substance or mixture:***
Carbon monoxide, carbon dioxide, organic decomposition products.
· ***Advice for firefighters***
· ***Special protective equipment for firefighters:***
As in any fire, wear self-contained breathing apparatus pressure-demand (NIOSH approved or equivalent) and full protective gear to prevent contact with skin and eyes.

6 Accidental Release Measures

· ***Personal precautions, protective equipment and emergency procedures:***
Provide adequate ventilation. Use personal protective clothing. Wear breathing apparatus when exposed to vapors / dust / mist / aerosols. Do not breathe vapor or spray mist. After handling, wash your hands thoroughly with soap and water.In case of fire, use a flame retardant suit.
· ***Environmental precautions:*** Dilute with plenty of water.
· ***Methods and material for containment and cleaning up:***
Absorb with liquid-binding material (i.e. sand, diatomite, acid binders, universal binders, sawdust).
Dispose of contaminated material as waste according to section 13.
Ensure adequate ventilation.
Dispose of the collected material according to regulations.

· ***PAC-1:***		
56-81-5	Glycerol	45 mg/m³
1333-86-4	Carbon black	9 mg/m³
67-63-0	Isopropanol	400 ppm
8050-09-7	Rosin	72 mg/m³
13463-67-7	Titanium Dioxide	30 mg/m³

· ***PAC-2:***		
56-81-5	Glycerol	180 mg/m³
1333-86-4	Carbon black	290 mg/m3
67-63-0	Isopropanol	2000* ppm
8050-09-7	Rosin	790 mg/m³
13463-67-7	Titanium Dioxide	330 mg/m³

· ***PAC-3:***		
56-81-5	Glycerol	1,100 mg/m³
1333-86-4	Carbon black	1750 mg/m3
67-63-0	Isopropanol	12000** ppm
8050-09-7	Rosin	1,500 mg/m³
13463-67-7	Titanium Dioxide	2,000 mg/m³

· ***Reference to other sections:***
See Section 7 for information on safe handling.
See Section 8 for information on personal protection equipment.
See Section 13 for disposal information.

7 Handling and Storage

· ***Precautions for safe handling:***
Ensure good ventilation/exhaustion at the workplace.

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Open and handle receptacle with care.
Prevent formation of aerosols.
General exchange supply and exhaust and local ventilation system. Keep product packaging tightly closed.
Apply personal protective equipment.

· ***Information about protection against explosions and fires:*** Keep protective respiratory device available.

· ***Conditions for safe storage, including any incompatibilities***
Take precautions against static discharges. In case of fire, cool endangered containers with water. When heated above the flash point and/or during spraying (spraying), flammable mixtures may form in the air.

· ***Storage***

· ***Requirements to be met by storerooms and receptacles:***
The product is packaged in a 20 ml polymer tube. Store at a temperature of +5 °C to +25 °C and a relative humidity of no more than 80%. Do not store the product under direct sunlight or at a distance of less than 0.5 m from switched on heating devices. The guaranteed shelf life is 3 years from the date of manufacture. After opening the package, store the product for no more than 12 months.

· ***Information about storage in one common storage facility:*** Not required.

· ***Further information about storage conditions:*** None.

· ***Specific end use(s):*** No further relevant information available.

8 Exposure Controls/Personal Protection

· ***Control parameters:***

· ***Components with occupational exposure limits:***
The following constituents are the only constituents of the product which have a PEL, TLV or other recommended exposure limit.
At this time, the other constituents have no known exposure limits.

56-81-5 Glycerol	
PEL	Long-term value: 15* 5** mg/m³ mist; *total dust **respirable fraction
TLV	TLV withdrawn-insufficient data human occup. exp.
1333-86-4 Carbon black	
PEL	Long-term value: 3.5 mg/m³
REL	Long-term value: 3.5* mg/m³ *0.1 in presence of PAHs;See Pocket Guide Apps.A+C
TLV	Long-term value: 3* mg/m³ *inhalable fraction, A3
67-63-0 Isopropanol	
PEL	Long-term value: 980 mg/m³, 400 ppm
REL	Short-term value: 1225 mg/m³, 500 ppm Long-term value: 980 mg/m³, 400 ppm
TLV	Short-term value: 984 mg/m³, 400 ppm Long-term value: 491 mg/m³, 200 ppm BEI, A4
8050-09-7 Rosin	
TLV	Long-term value: 0.001* mg/m³ *inhalable fraction, DSEN, RSEN

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· **Ingredients with biological limit values:**	
67-63-0 Isopropanol	
BEI	40 mg/L urine end of shift at end of workweek Acetone (background, nonspecific)

· **Additional information:** The lists that were valid during the creation of this SDS were used as basis.

· **Exposure controls:**
· **Appropriate engineering controls** No further data; see section 7.
· **Personal protective equipment**
· **General protective and hygienic measures:**
The usual precautionary measures for handling chemicals should be followed.
Keep away from foodstuffs, beverages and feed.
Immediately remove all soiled and contaminated clothing and wash before reuse.
Wash hands before breaks and at the end of work.
Store protective clothing separately.
· **Breathing equipment:** Not required.
· **Protection of hands:** Not required.
· **Material of gloves:** Not applicable.
· **Penetration time of glove material:** Not applicable.
· **Eye protection:** Not required.
· **Body protection:** Light weight protective clothing
· **Limitation and supervision of exposure into the environment:** None

9 Physical and Chemical Properties

· **Information on basic physical and chemical properties**
· **General Information**

· **Physical state**	Liquid
· **Color:**	Brown
· **Odor:**	Characteristic
· **Odor threshold:**	Not determined.
· **Melting point/Melting range:**	Not determined.
· **Boiling point/Boiling range:**	Not determined.
· **Flammability:**	Not applicable.
· **Explosion limits:**	
· **Lower:**	Not determined.
· **Upper:**	Not determined.
· **Flash point:**	None
· **Auto igniting:**	Not applicable
· **Decomposition temperature:**	Not determined.
· **pH-value @ 20 °C (68 °F):**	4-10
· **Viscosity:**	
· **Kinematic:**	Not determined.
· **Dynamic:**	Not determined.
· **Solubility in / Miscibility with:**	
· **Water:**	Fully miscible.
· **Partition coefficient (n-octanol/water):**	Not determined.
· **Vapor pressure @ 20 °C (68 °F):**	≤23 hPa (≤17.3 mm Hg)
· **Vapor pressure @ 50 °C (122 °F):**	~0 hPa

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· **Density:**	Not determined.
· **Relative density:**	Not determined.
· **Vapor density:**	Not determined.
· **Particle characteristics**	Not applicable.
· **Other information:**	
· **Appearance:**	
· **Form:**	Liquid
· **Important information on protection of health and environment, and on safety.**	
· **Ignition temperature:**	Product is not self-igniting.
· **Danger of explosion:**	Product does not present an explosion hazard.
· **Solvent content:**	
· **Organic solvents:**	25.0 %
· **Water:**	40.0 %
· **VOC content:**	5.00 %
· **Solids content:**	34.5 %
· **Change in condition**	
· **Evaporation rate:**	Not determined.

10 Stability and Reactivity

· **Reactivity:** No further relevant information available.
· **Chemical stability:** Product is stable under normal conditions.
· **Thermal decomposition / conditions to be avoided:** No decomposition if used according to specifications.
· **Possibility of hazardous reactions:** No dangerous reactions known.
· **Conditions to avoid:** Avoid heating.
· **Incompatible materials:** Keep away from strong acids and bases, reducing agents.
· **Hazardous decomposition products:** No dangerous decomposition products known.

11 Toxicological Information

· **Information on toxicological effects:**
· **Acute toxicity:**

· **LD/LC50 values that are relevant for classification:**		
56-81-5 Glycerol		
Oral	LD50	12,600 mg/kg (Rat)
Dermal	LD50	>10,000 mg/kg (rabbit)
Inhalative	LC50/96 hours	>50,000 mg/l (Trout)
6448-95-9 Fast Red N		
Oral	LD50	2,000-5,000 mg/kg (Rat)
1333-86-4 Carbon black		
Oral	LD50	10,000 mg/kg (Rat)
67-63-0 Isopropanol		
Oral	LD50	5,045 mg/kg (Rat)
Dermal	LD50	12,800 mg/kg (rabbit)
Inhalative	LC50/4 h	30 mg/l (Rat)
	LC50/96 hours	9,640 mg/l (Pimephales)

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Trade Name: Pulse №1 Chai Latte

13463-67-7 Titanium Dioxide		
Oral	LD50	>10,000 mg/kg (Rat)
Dermal	LD50	>10,000 mg/kg (rabbit)
Inhalative	LC50/4 h	>6.82 mg/l (Rat)

· ***Primary irritant effect:***
· ***On the skin:*** No irritating effect.
· ***On the eye:*** No irritating effect.
· ***Sensitization:*** Sensitization possible through skin contact.
· ***Additional toxicological information:***
The product shows the following dangers according to internally approved calculation methods for preparations:
Irritant
Carcinogenic
· ***Interactive effects*** No interactive effects between components are known.

· ***Carcinogenic categories:***
· ***IARC (International Agency for Research on Cancer):***
(a) Although IARC has classified titanium dioxide as possible carcinogenic to human (2B), their summary concludes: “No significant exposure to titanium dioxide is thought to occur during the use of products which titanium dioxide is bound to other materials, such as in cosmetics or in paints.”
(b) OSHA does not regulate Titanium Dioxide as a carcinogen. However, under 29 CFR 1910.1200 the SDS must convey the fact that Titanium Dioxide is a potential carcinogen to rats.
Substance listed by IARC. In 1995 IARC concluded, “There is inadequate evidence in humans for the carcinogenicity of carbon black.” Based on rat inhalation studies, IARC concluded that there is “sufficient evidence in experimental animals for the carcinogenicity of carbon black” resulting in their classifying carbon black as “possibly carcinogenic to humans (Group 2B).

1333-86-4	Carbon black	2B
67-63-0	Isopropanol	3
13463-67-7	Titanium Dioxide	2B

· ***NTP (National Toxicology Program):***
None of the ingredients are listed.

· ***OSHA-Ca (Occupational Safety & Health Administration):***
None of the ingredients are listed.

· ***Alternative sources for toxicological information***
No non-standard sources for toxicological information where used.

12 Ecological Information

· ***Toxicity:***

· ***Aquatic toxicity:***

67-63-0 Isopropanol	
EC50	6,851 mg/l (Green algae) 5,102 mg/l (Water flea)
13463-67-7 Titanium Dioxide	
EC50	>1,000 mg/l (Water flea)

· ***Persistence and degradability:*** No further relevant information available.
· ***Bioaccumulative potential:*** No further relevant information available.
· ***Mobility in soil:*** No further relevant information available.

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· **Results of PBT and vPvB assessment:**
· **PBT:** Not applicable.
· **vPvB:** Not applicable.
· **Other adverse effects:**
· **Additional ecological information:**
· **General notes:** Not known to be hazardous to water.

13 Disposal Considerations

· **Waste treatment methods**
· **Recommendation:**
Observe all federal, state and local environmental regulations when disposing of this material.
Safety measures for waste handling are similar to those used for handling finished products. When disposing of waste, consult with regional waste disposal experts.
Do not allow to enter sewers.

· **Uncleaned packaging**
· **Recommendation:** Disposal must be made according to official regulations.
· **Recommended cleansing agent:** Water, if necessary with cleansing agents.

14 Transport Information

· **UN-Number:**
· **DOT, ADR/ADN, IMDG, IATA** Non-Regulated Material
· **UN proper shipping name:**
· **DOT, ADR/ADN, IMDG, IATA** Non-Regulated Material
· **Transport hazard class(es):**

· **DOT, ADR/ADN, ADN, IMDG, IATA**
· **Class:** Non-Regulated Material
· **Packing group:**
· **DOT, ADR/ADN, IMDG, IATA** Non-Regulated Material
· **Environmental hazards:** Not applicable.
· **Transport in bulk according to Annex II of MARPOL73/78 and the IBC Code:** Not applicable.
· **Special precautions for user:** Not applicable.
· **UN "Model Regulation":** Non-Regulated Material

15 Regulatory Information

· **Safety, health and environmental regulations/legislation specific for the substance or mixture:**
No further relevant information available.
· **SARA (Superfund Amendments and Reauthorization):**

· **Section 355 (extremely hazardous substances):**
None of the ingredients are listed.

· **Section 313 (Specific toxic chemical listings):**	
67-63-0	Isopropanol

· **TSCA (Toxic Substances Control Act):**		
7732-18-5	Water, distilled water, deionized water	ACTIVE
56-81-5	Glycerol	ACTIVE
5567-15-7	C.I. Pigment Yellow 83	ACTIVE

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6448-95-9	Fast Red N	ACTIVE
1333-86-4	Carbon black	ACTIVE
67-63-0	Isopropanol	ACTIVE
8050-09-7	Rosin	ACTIVE
13463-67-7	Titanium Dioxide	ACTIVE

· ***Hazardous Air Pollutants***

None of the ingredients are listed.

· ***California Proposition 65:***

· ***Chemicals known to cause cancer:***

1333-86-4	Carbon black
13463-67-7	Titanium Dioxide

· ***Chemicals known to cause reproductive toxicity for females:***

None of the ingredients are listed.

· ***Chemicals known to cause reproductive toxicity for males:***

None of the ingredients are listed.

· ***Chemicals known to cause developmental toxicity:***

None of the ingredients are listed.

· ***New Jersey Right-to-Know List:***

56-81-5	Glycerol
1333-86-4	Carbon black
67-63-0	Isopropanol
13463-67-7	Titanium Dioxide

· ***New Jersey Special Hazardous Substance List:***

1333-86-4	Carbon black	CA
67-63-0	Isopropanol	F3

· ***Pennsylvania Right-to-Know List:***

56-81-5	Glycerol
67-63-0	Isopropanol
13463-67-7	Titanium Dioxide

· ***Pennsylvania Special Hazardous Substance List:***

67-63-0	Isopropanol	E

· ***Carcinogenic categories:***

· ***EPA (Environmental Protection Agency):***

None of the ingredients are listed.

· ***TLV (Threshold Limit Value established by ACGIH):***

1333-86-4	Carbon black	A4
67-63-0	Isopropanol	A4
13463-67-7	Titanium Dioxide	A4

· ***NIOSH-Ca (National Institute for Occupational Safety and Health):***

1333-86-4	Carbon black
13463-67-7	Titanium Dioxide

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· ***GHS label elements*** Non-Regulated Material
· ***Hazard pictograms:*** Non-Regulated Material
· ***Signal word:*** Non-Regulated Material
· ***Hazard statements:*** Non-Regulated Material

· ***National regulations:***

The product is not subject to be labelled according with the prevailing version of the regulations on hazardous substances.

· ***Chemical safety assessment:*** A Chemical Safety Assessment has not been carried out.

16 Other Information

The information and recommendations in this safety data sheet are, to the best of our knowledge, accurate as of the date of issue. Nothing herein shall be deemed to create warranty, expressed or implied, and shall not establish a legally valid contractual relationship. It is the responsibility of the user to determine applicability of this information and the suitability of the material or product for any particular purpose.

· ***Date of previous version*** 06/24/2025
· ***Version number of previous version:*** 2
· ***Date of preparation*** 07/15/2025
· ***Abbreviations and acronyms:***
ADR: The European Agreement concerning the International Carriage of Dangerous Goods by Road
ADN: The European Agreement concerning the International Carriage of Dangerous Goods by Inland Waterways
IMDG: International Maritime Code for Dangerous Goods
DOT: US Department of Transportation
IATA: International Air Transport Association
EINECS: European Inventory of Existing Commercial Chemical Substances
ELINCS: European List of Notified Chemical Substances
CAS: Chemical Abstracts Service (division of the American Chemical Society)
NFPA: National Fire Protection Association (USA)
HMIS: Hazardous Materials Identification System (USA)
VOC: Volatile Organic Compounds (USA, EU)
LC50: Lethal concentration, 50 percent
LD50: Lethal dose, 50 percent
PBT: Persistent, Bioaccumulative and Toxic
vPvB: very Persistent and very Bioaccumulative
NIOSH: National Institute for Occupational Safety and Health
OSHA: Occupational Safety & Health Administration
TLV: Threshold Limit Value
PEL: Permissible Exposure Limit
REL: Recommended Exposure Limit
BEI: Biological Exposure Limit
Flammable liquids 2: Flammable liquids – Category 2
Acute toxicity - oral 4: Acute toxicity – Category 4
Skin irritation 2: Skin corrosion/irritation – Category 2
Eye irritation 2A: Serious eye damage/eye irritation – Category 2A
Eye irritation 2B: Serious eye damage/eye irritation – Category 2B
Sensitization - skin 1: Skin sensitisation – Category 1
Carcinogenicity 2: Carcinogenicity – Category 2
Specific target organ toxicity (single exposure) 3: Specific target organ toxicity (single exposure) – Category 3
· **** Data compared to the previous version altered.***