

Allegory Ink Allegory Blak

Version: Rev 1

1. Product and Company Identification

1.1 Product identifiers

Product Name	Allegory Blak
Producer	Allegory Ink
Product Number UPC	0-12868-87827-1
CAS-No.	Not available - Mixture

1.2 Identified uses of the product and uses advised against

Identified Uses	Art Ink
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1.3 Details of the chemical supplier

Company	Allegory Ink
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Contact Email	Info@allegoryink.com
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1.4 Emergency phone number

Emergency phone number	+1 (800) 424-9300 (CHEMTREC Emergency Telephone, 24 hrs-a-day / 7 days-a-week)
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2. Hazards Identification

2.1 Classification of the substance or mixture according to GHS

GHS class	Not a hazardous substance or mixture
	While this material is not considered hazardous by the OSHA Hazard Communication Standard, this SDS contains valuable information critical to the safe handling and proper use of the product. This SDS should be retained and available for employees and other users of the product.

Classification according to Regulation (EC) No 1272/2008

Based on present data no classification and labelling is required according to Directive 1272/2008/EC and its amendments (CLP Regulation, GHS).

Classification according to Directive 67/548/EEC or Directive 1999/45/EC

According to present data no classification and labelling is required according to Directives 67/548/EEC or 1999/45/EC.

2.2 GHS Label elements, including precautionary statements

GHS pictograms	None
Signal word	None
Hazard statements	None
Precautionary statements	None

Labelling according to Regulation (EC) No 1272/2008

The product is classified and labelled according to the CLP regulation.

NFPA ratings (scale 0 – 4)



HMIS ratings (scale 0 – 4)

HEALTH	1
FIRE	0
REACTIVITY	0

d - 0

2.3 Hazards not otherwise classified (HNOC) or not covered by GHS

Complete toxicity data are not available for this specific formulation.

Potential route of overexposure to this product may include eye contact. Inhalation of vapor and ingestion are not expected to be significant routes of exposure for this product under normal use conditions.

3. Composition/Information on Ingredients

3.1 Product mixture

Synonyms	Tattoo ink, organic pigment, skin pigment
Formula	Mixture
Molecular wt	Mixture
CAS-No.	Mixture
EC-No.	Mixture

Chemical Name	CAS-No.	EC-No.	Ingredient Percent
Water	7732-18-5	231-791-2	10-100%
Proprietary pigment	n/a	n/a	10-100%
Isopropyl alcohol	67-63-0	200-661-7	10-100%

Remarks

* Exact composition of ingredients are proprietary - contains carbon black.

There are no additional hazardous ingredients greater than or equal to 1.0 wt% concentration or carcinogenic ingredients greater than or equal to 0.1 wt% concentration.

Product consists of a non-hazardous organic tattoo colorant. This ink supply contains an aqueous ink formulation. This product has been evaluated using criteria specified in 29 CFR 1910.1200 (Hazard Communication Standard). Carbon black is present only in a bound form in this preparation.

4. First Aid Measures

4.1 Description of first aid measures

General advice	Consult a physician. Show this safety data sheet to the doctor in attendance.
Skin contact	Not an expected skin irritant. However, keep away from open cuts and irritated skin as a preventative measure. Consult a physician if symptoms occur.
Eye contact	If eye irritation occurs, rinse thoroughly with plenty of water for at least 15 minutes and consult a physician.
Inhalation	If inhaled and symptoms develop, move person to fresh air. Consult a physician if symptoms occur.
Ingestion	Rinse mouth with water and consult a physician if symptoms occur.

4.2 Most important symptoms and effects, both acute and delayed

Symptoms and effects	The most important known symptoms and effects are described in the labelling (see section 2.2) and in section 11.
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4.3 Indication of any immediate medical attention and special treatment needed

Other first aid	No data available
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5. Fire Fighting Measures

5.1 Suitable (and unsuitable) extinguishing media

Suitable extinguishing media	Use alcohol-resistant foam, dry chemical or carbon dioxide. Use extinguishing measures that are appropriate to local circumstances and the surrounding environment.
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5.2 Special hazards arising from the substance or mixture

Special hazards	Thermal decomposition can lead to release of irritating gases and vapors. Keep product and empty container away from heat and sources of ignition. Decomposition products may include the following materials: carbon dioxide, carbon monoxide, oxides.
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5.3 Advice for firefighters

Protective equipment	Wear self-contained breathing apparatus for firefighting if necessary.
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6.1 Personal precautions, protective equipment, and emergency procedures

Personal precautions

Consumer: Avoid contact with eyes. During manufacturing: Avoid breathing vapors, mist or gas. Ensure adequate ventilation in areas where dust can accumulate. Remove all sources of ignition and evacuate personnel to safe areas. Vapours can accumulate in low areas when dealing with large quantities. For personal protection see section 8.

6.2 Environmental precautions

Environmental precautions

For large spills to the environment during manufacturing: Prevent runoff into sewers and drains. Recover as much of the material as possible. Prevent further leakage and safe to do so.

6.3 Methods and materials for containment and cleaning up

Methods for cleanup

For small spills: Clean up by absorbing with an inert absorbable material, i.e. sand, earth, vermiculite. Product is water soluble and will aid in clean up procedure. Prevent accumulation of vapours/ dust during clean up. Keep in suitable, closed containers for disposal. Contain spillage.

For large spills during manufacturing: Stop leak if without risk. Move containers from spill area. Prevent entry into sewers, water courses, basements or confined areas. Wash spillages into an effluent treatment plant or proceed as follows. Contain and collect spillage with non-combustible, absorbent material e.g. sand, earth, vermiculite or diatomaceous earth and place in container for disposal according to local regulations (see Section 13). Dispose of via a licensed waste disposal contractor.

6.4 References to other sections

Other references

For disposal see section 13.

7. Handling and Storage**7.1 General hygiene considerations**

General hygiene

Avoid contact with eyes. Avoid inhalation of vapor or dust. Use local exhaust or general dilution ventilation to control exposure and dust within applicable limits. Keep away from high temperatures and sources of ignition. For precautions see section 2.2. Wash hands after use.

7.2 Precautions for safe handling

Safe handling precautions

Keep container tightly closed in a dry and well-ventilated place. Containers which are opened must be carefully resealed and kept upright to prevent leakage. Product may be hygroscopic and could potentially absorb moisture from the air if container is left open. Keep away from high temperatures and potential sources of ignition.

7.3 Conditions for safe storage, including any incompatibilities

Other storage conditions

Apart from the uses mentioned in section 1.2 no other specific uses are stipulated.

8. Exposure Controls/Personal Protection**8.1 Control and exposure limits recommended by the chemical manufacturer**

OSHA standards

Carbon black - OSHA Permissible Exposure Limit (PEL) - General Industry - See 29 CFR 1910.1000 Table Z-1 - 3.5 mg/m³ TWA

Isopropyl alcohol - OSHA Permissible Exposure Limit (PEL) - General Industry - See 29 CFR 1910.1000 Table Z-1 - 400 ppm (980 mg/m³) TWA

ACGIH TLV

Carbon black - American Conference of Governmental Industrial Hygienists (ACGIH) Threshold Limit Value (TLV) (2011) - 3.5 mg/m³ TWA (inhalable particulate matter)

Isopropyl alcohol - American Conference of Governmental Industrial Hygienists (ACGIH) Threshold Limit Value (TLV) (2003) - 200 ppm (491 mg/m³) TWA - 400 ppm (984 mg/m³) STEL

NIOSH recommendations

Carbon black - National Institute for Occupational Safety and Health (NIOSH) Recommended Exposure Limit (REL) - See Appendix A and Appendix C - 3.5 mg/m³ TWA

Isopropyl alcohol - National Institute for Occupational Safety and Health (NIOSH) Recommended Exposure Limit (REL) - 400 ppm (980 mg/m³) TWA - 500 ppm (1,225 mg/m³) STEL

8.2 Appropriate engineering controls

Engineering controls

Handle in accordance with good industrial hygiene and safety practice. Wash hands before breaks and at the end of day. During manufacturing: Use adequate ventilation where dust forms to keep concentration under exposure control limits. Keep away from high temperatures and sources of ignition.

8.3 Individual protection measures, such as personal protective equipment

Respiratory protection	For consumer use: No special protective equipment required. During manufacturing use: Where risk assessment shows air-purifying respirators are appropriate use a full-face respirator with multipurpose combination (US) or type ABEK (EN 14387) respirator cartridges as a backup to engineering controls. If the respirator is the sole means of protection, use a full-face supplied air respirator. Use respirators and components tested and approved under appropriate government standards such as NIOSH (US) or CEN (EU).
Eye/face protection	Safety glasses with side-shields conforming to EN166 are recommended. Use equipment for eye protection tested and approved under appropriate government standards such as NIOSH (US) or EN 166 (EU).
Hand protection	Handle with gloves. Gloves must be inspected prior to use. Use proper glove removal technique (without touching glove's outer surface) to avoid skin contact with this product. Dispose of contaminated gloves after use in accordance with applicable laws and good laboratory practices. Wash and dry hands.
Body protection	For consumer use: No special protective equipment required. Wear impervious clothing. The type of protective equipment must be selected according to the concentration and amount of the dangerous substance at the specific workplace.

9. Physical and Chemical Properties

9.1 Information on basic physical and chemical properties

a) Appearance	Liquid, black
b) Odor	Characteristic of the product
c) Odor threshold	No data available
d) pH	No data available
e) Melting/freezing point	No data available
f) Boiling point	No data available
g) Flash point	No data available
h) Evaporation rate	No data available
i) Flammability (solid, gas)	No data available
j) Upper/lower flammability or explosive limits	Upper (UEL): No data available Lower (LEL): No data available
k) Vapor pressure	No data available
l) Vapor density	No data available
m) Relative density	No data available
n) Water solubility	No data available
o) Partition coefficient octanol/water	No data available
p) Auto-ignition temp	No data available
q) Decomposition temp	No data available
r) Viscosity	No data available

10. Stability and Reactivity

10.1 Reactivity

Reactivity	No data available
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10.2 Chemical stability

Chemical stability	Stable under ordinary conditions of use and storage.
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10.3 Possibility of hazardous reactions

Hazardous reactions	No data available
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10.4 Conditions to avoid

Conditions to avoid	Contact with incompatible chemicals and exposure to extremely high temperatures.
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10.5 Incompatible materials

Incompatible materials	Strong oxidizers, strong acids, acid chlorides, acid anhydrides, chloroformates, or strong reducing agents.
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10.6 Hazardous decomposition products

Hazardous products	None under normal processing. In the event of fire, see section 5.
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11. Toxicological Information

11.1 Information on toxicological effects

Acute toxicity

Acute oral toxicity	Carbon black - LD50 Rat Oral - > 8,000 mg/kg Isopropyl alcohol - LD50 Rat Oral - 5,045 mg/kg
Acute intravenous toxicity	No data available
Acute dermal toxicity	Carbon black - LD50 Rabbit Dermal - > 3,000 mg/kg Isopropyl alcohol - LD50 Rabbit Dermal - 12,800 mg/kg
Acute inhalation toxicity	No data available

Skin corrosion/irritation

Skin corrosion irritation Not an expected skin irritant. May cause irritation to open cuts and irritated skin

Serious eye damage/eye irritation

Eye damage/eye irritation May potentially cause eye irritation if significant amounts contact the eye

Respiratory or skin sensitization

Respiratory sensitizer	No data available
Skin sensitizer	No data available

Germ cell mutagenicity

Mutagenicity No data available

Carcinogenicity

Carcinogenicity No data available

Suspected cancer agent

ACGIH	No component of this product present at levels greater than or equal to 0.1% is identified as a carcinogen or potential carcinogen.
NTP	No component of this product present at levels greater than or equal to 0.1% is identified as a carcinogen or potential carcinogen.
OSHA	No component of this product present at levels greater than or equal to 0.1% is identified as a carcinogen or potential carcinogen.
IARC	2B - Group 2B: Carbon black, titanium dioxide.

Note: According to IARC Monograph Vol. 93, "End-users of these products (rubber, ink or paint) are unlikely to be exposed to airborne carbon black particles, which are bound within the product matrix." Additionally, "No significant exposure to primary particles of titanium dioxide is thought to occur during the use of products in which titanium dioxide is bound to other materials."

Reproductive toxicity

Reproductive toxicity No data available

Aspiration hazard

Aspiration hazard No data available

12. Ecological Information

12.1 Ecotoxicity (aquatic and terrestrial)

Ecotoxicity No data available

12.2 Persistence and degradability

Degradability Product is comprised of water-soluble organic materials and is expected to be degradable.

12.3 Bioaccumulation potential

Bioaccumulation No data available

12.4 Mobility in soil

Mobility in soil No data available

12.5 Results of PBT and vPvB assessment

PBT/vPvB assessment Not available as chemical safety assessment not required/not conducted.

13. Disposal Considerations

13.1 Waste treatment methods

Waste treatment disposal

For consumer use, dispose of in trash can. Waste disposal must be in accordance with appropriate Federal, State, and local regulations.

14. Transport Information

DOT

Not dangerous goods.

IMDG

Not dangerous goods.

IATA

Not dangerous goods.

15. Regulatory Information

15.1 Safety, health, and environmental regulations specific to the product or mixture

SARA 302 Components	No chemicals in this material are subject to the reporting requirements of SARA Title III, Section 302.
SARA 313 Components	This material does not contain any chemical components with known CAS numbers that exceed the threshold (De Minimis) reporting levels established by SARA Title III, Section 313.
SARA 311/312 Hazards	No hazards.
TSCA	All components of this product are on the TSCA inventory or are exempt from TSCA inventory requirements.
Canada DSL	All components of this product are on the Canada Domestic Substance List or are exempt from DSL requirements.
WHMIS classification	No ingredients are hazardous according to the CPR criteria.
CA Prop. 65 components	This product does not contain any chemicals known to State of California to cause cancer, birth defects, or any other reproductive harm.
Hazard symbols	None
Risk phrases	None
Safety phrases	None
International lists	Australia - AICS - The materials are listed or exempted Canada - The materials are listed or exempted China - IECSC - The materials are listed or exempted Europe - EINECS - The materials are listed or exempted Japan - ENCS/ISHL - The materials are listed or exempted Malaysia - The materials are listed or exempted New Zealand - NZIoC - The materials are listed or exempted Philippines - PICCS - The materials are listed or exempted Korea - KECI - The materials are listed or exempted Taiwan - NECI - The materials are listed or exempted Turkey - The materials are listed or exempted United States - The materials are listed or exempted
Annex XIV	List of substances subject to authorization - none of the components are listed.
Substances of very high concern	None of the components are listed.
Annex XVII	Restrictions on the manufacture, placing on the market and use of certain dangerous substances, mixtures and articles - none of the components are listed.
Europe inventory	The materials are listed or exempted
Seveso Directive	This product is not controlled under the Seveso Directive.
Chemical Weapon Convention	List Schedules I, II & III Chemicals - not listed.
Montreal Protocol	(Annexes A, B, C, E) - not listed.
Stockholm Convention	Persistent Organic Pollutants - not listed.
Rotterdam Convention	Prior Inform Consent (PIC) - not listed.
UNECE Aarhus Protocol	POPs and Heavy Metals - not listed.

16. Other Information

HMIS Rating

Health hazard: 1
Flammability: 0
Physical Hazard 0

NFPA Rating Health hazard: 1
 Fire Hazard: 0
 Reactivity Hazard: 0

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The information contained herein is based on data considered accurate. However, no warranty is expressed or implied regarding the accuracy of these data or the results to be obtained from the use thereof. Allegory Ink assumes no responsibility for injury to the vendee or third persons proximately caused by the material if reasonable safety procedures are not adhered to as stipulated in the data sheet. Additionally, Allegory Ink assumes no responsibility for injury to vendee or third persons proximately caused by use of the material even if reasonable safety procedures are followed. Furthermore, vendee assumes the risk in his use of the material.

Abbreviations and acronyms

- IMDG - International Maritime Code for Dangerous Goods
- TDG - Transportation of Dangerous Goods
- IATA - International Air Transport Association
- GHS - Globally Harmonized System of Classification and Labelling of Chemicals
- PBT - Persistent, bioaccumulative and toxic assessment
- vPvB - Very persistent and very bioaccumulative assessment
- ACGIH - American Conference of Governmental Industrial Hygienists
- NIOSH - National Institute for Occupational Safety and Health
- TLV - Threshold Limit Values
- CAS - Chemical Abstracts Service (division of the American Chemical Society)
- NFPA - National Fire Protection Association
- HMS - Hazardous Materials Identification System
- CFR - Code of Federal Regulations
- SARA - Superfund Amendments and Reauthorization Act
- DOT - US Department of Transportation
- EC50 - Half maximal effective concentration
- LD50 - Median lethal dose
- LC50 - Median lethal concentration
- SDS - Safety Data Sheet
- PEL - Permissible Exposure Limit
- TSCA - Toxic Substances Control Act