



SAFETY DATA SHEET JACKSON'S ALCOHOL INKS

PRODUCT NAME: JACKSON'S ALCOHOL INK

SECTION 1: IDENTIFICATION OF THE SUBSTANCE/MIXTURE AND OF THE COMPANY/UNDERTAKING

1.1 Product identifier: JACKSON'S ALCOHOL INK

1.2 Details of the supplier of the safety data sheet: Jackson's Art Supplies
1 Farleigh Place
N16 7SX London
www.jacksonsart.com

Telf: +44 (0)207 254 0077
9-5:30 Mon-Fri
10-6 Saturday

SECTION 2: HAZARDS IDENTIFICATION

2.1. GHS classification of the substance/ mixture:

Classification according to regulation (EC) No. 1272/2008 (CLP)
Flamm. Liq. Cat. 2; H225 Eye irritation Cat.2; H319
Specific target organ toxicity – single exposure Cat.3; Central nervous system; H336

Classification according to regulation 67/548 / EWG (substances) or regulation 1994/45 / EG (mixtures)
F, R11 Highly flammable.
Xi; R 36 Irritating to eyes.
R 67 Vapours may cause drowsiness and dizziness.

2.2. GHS Label Elements, including Precautionary Statements:

Labelling according to regulation (EC) No. 1272/2008 (CLP)

Product identifier:
Alcohol-based paint/ ink for artists.

Pictograms:



Signal word: Danger!

Safety statements:

H225 Flammable liquid and vapour.
H319 Causes serious eye irritation.
H302 Harmful if swallowed
H336 May cause drowsiness or dizziness.
H411 Toxic to aquatic life with long lasting effects.

Safety instructions:

P102: Keep out of reach of children.
P210: Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking.
P303+P361+P353: IF ON SKIN (or hair): Take off immediately all contaminated clothing. Rinse skin with water [or shower].
P305+P351+P338: IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
P301+P330+P331: IF SWALLOWED: Rinse mouth. Do NOT induce vomiting.
P304+P340: IF INHALED: Remove person to fresh air and keep comfortable for breathing.
P273: Avoid release to the environment.

2.3. Other hazards

Slightly irritating to the respiratory system. Vapours are heavier than air. Vapours can float above the ground and reach distant sources of ignition, which creates the danger of backfire.

SECTION 3: COMPOSITION/INFORMATION ON INGREDIENTS

3.1. Substance related information

This product is a mixture of alcohols, ethers, binders and dyes.

3.2. Preparation related information

Description

Contents	Synonyms	Percent by weight	CAS No.	OSHA PEL	ACGIH TLV	LISTED CARCINOGEN (IARC/OSHA/NTP)
2-Propanol	Isopropyl Alcohol	50 - 80%	71-23-8	200 ppm	100 ppm	No
2-Propoxyethanol	EP Solvent	5 - 10%	2807-30-9			No
Ethanol	Ethyl Alcohol	5 - 10%	64-17-5	1000 ppm	1000 ppm	No
Modified Polymers/Binders		5 - 10%	Proprietary			No
Dyes		1 - 2%	Proprietary			No

The hazards associated with overexposure to this mixture are assumed to be due to exposure to the components.

Substances with common limiting values

-

3.3. Additional Information

Full text of R-, H- and EUH-phrases see section 16

SECTION 4: FIRST AID MEASURES

4.1 Description of first aid measures

General information: In case of lasting health problems, consult a physician.

Eye Contact: Flush with copious amounts of water for at least 15 minutes, lifting lower and upper eyelids occasionally. Get medical attention.

Skin Contact: In case of contact, immediately flush skin with plenty of soap and water for at least 15 minutes while removing contaminated clothing and shoes. Wash clothing before reuse. Call a physician immediately.

Inhalation: If inhaled, remove to fresh air. If not breathing, give artificial respiration. If breathing is difficult, give oxygen. Call a physician immediately.

Ingestion: Inducing vomiting should only be performed under the direct supervision of medical personnel. Never give anything by mouth to an unconscious person. Call a physician or Poison Control Center immediately.

4.2. Most important symptoms/effects, acute and delayed

Drowsiness
Nausea
Headache
Skin irritation
Eye irritation

SECTION 5: FIREFIGHTING MEASURES

Flash Point: <70°F

Fire and Explosion Hazards: Flammable Liquid. Dangerous fire hazard when exposed to heat or flame.

Extinguishing media: Water spray, foam, dry chemical, carbon dioxide. Alcohol resistant foams (ATC) are preferred, if available.

Special Fire Fighting Procedures: In the event of a fire, wear full protective clothing and NIOSH-approved self-contained breathing apparatus with full face piece operated in the pressure demand or other positive pressure mode. Water spray may be used to keep fire-exposed containers cool.

Unusual Fire and Explosion Hazards: This flammable liquid must be kept away from sparks, open flame, hot surfaces, and all sources of heat and ignition. Decomposition materials may emit acrid smoke and irritating fumes. Never use welding or cutting torch on or near drum (including empty) because product can ignite explosively.

SECTION 6: ACCIDENTAL RELEASE MEASURES

Spill Procedure: Ventilate area of leak or spill. Remove all sources of ignition. Wear appropriate personal protective equipment. Isolate hazard area. Keep unnecessary and unprotected personnel from entering. Contain and recover liquid when possible. Use non-sparking tools and equipment. Collect liquid in an appropriate container or absorb with an inert material (i.e., vermiculite, dry sand, and earth), and place in a chemical waste container. Do not use combustible materials, such as sawdust. Do not flush to the sewer! If leak or spill has not ignited, use water spray to disperse the vapours, to protect personnel attempting to stop leak, and to flush spills away from exposures. US Regulations (CERCLA) require reporting spills and releases to soil, water, and air in excess of reportable quantities.

SECTION 7: HANDLING AND STORAGE

7.1. Advices on safe handling

Protective measures

Avoid contact with skin and eyes. Avoid inhalation of vapour or mist.
Keep away from sources of ignition - No smoking. Take measures to prevent the buildup of electrostatic charge.
Safety Data Sheet according to Regulation (EC) No. 1907/2006 (REACH)
Trade name: Carrot
Version: 1.0 Revision date: 03.04.20
Page 6 of 11 Valid from: 03.04.20

Hints on general industry hygiene

Do not eat, drink or smoke in areas where work is done. Remove stained, saturated clothing immediately. Wash hands before breaks and at the end of the day.

7.2. Hints on joint storage

Handling: Protect against physical damage. Store in a cool, dry well-ventilated location, away from any area where the fire hazard. Separate from incompatibles. Storage and use areas should be NO SMOKING areas. Use non-sparking tools and equipment. Containers of this material may be hazardous when empty since they retain product residues (vapours, liquid); observe all warnings and precautions listed for the product.

Storage Precautions: Store in a cool, dry, well ventilated place, in securely closed original container. Flammable/combustible - Keep away from oxidizing agents, heat and flames.

Storage class (TRGS510): 3 Flammable liquids.

Further information on storage conditions

Storage temperature: from + 5 ° C to + 25 ° C. Don't let it freeze!

Maximum storage period: 1 year at the end customer.

SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION

Eye Protection: Use chemical safety glasses or goggles and/or a full face shield where splashing is possible. Maintain eye wash fountain and quick-drench facilities in work area.

Ventilation System: A system of local and/or general exhaust is recommended to keep employee exposures below the Airborne Exposure Limits. Local exhaust ventilation is generally preferred because it can control the emissions of the contaminant at its source, preventing dispersion of it into the general work area. Use explosion-proof equipment.

Respiratory Protection: Appropriate respiratory protection is required when exposure to airborne contaminant is likely to exceed acceptable limits. Respirators should be selected and used in accordance with OSHA Part 1910.134 and manufacturer's recommendations.

Skin Protection: Wear impervious protective clothing, including boots, gloves, lab coat, apron or overalls, as appropriate, to prevent skin contact. Check with your safety supplier for the proper chemical-resistant gloves.

Components with occupational exposure limits resp. biological occupational exposure limits requiring monitoring:

Ingredients	CAS No.	OSHA PEL	ACGIH TLV
2-propanol	71-23-8	200 ppm	100 ppm
ethanol	64-17-5	1000 ppm	1000 ppm

SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

9.1. Safety relevant basis data

Appearance
Clear liquid with specific odour
Form:liquid
Colour:yellow
Smell:alcohol-like
pH value:-
Melting point:-°C
Boiling point:-°C
Flash point:-°C
Autoignition temperature:-°C
Explosion limit, lower:-Vol%
Explosion limit, upper:-Vol%
Vapour pressure:-hPa
Density:0,75 - 0,95kg/dm³
Solubility in water:insoluble
Viscosity, dynamic:0,5 – 3,0mPa*s

9.2. Other safety related information

Surface tension 20,8 mN/m at 25,0 °C

SECTION 10: STABILITY AND REACTIVITY

10.1. Reactivity

-

10.2. Chemical stability

The product is chemically stable under normal environmental conditions (room temperature).

10.3. Possible hazardous reactions

With proper handling and storage no hazardous reactions occur.

10.4. Conditions to avoid

Heat, flames and sparks.

10.5. Materials to avoid

Strong oxidizing agents, acid anhydrides, aluminum, halogenated compounds, strong acids.

10.6. Hazardous decomposition products

Hazardous decomposition products formed under fire conditions. - Carbon oxides
Other decomposition products - No data available

SECTION 11: TOXICOLOGICAL INFORMATION

No toxicity studies have been conducted on this product. As with all chemicals for which test data are limited or do not exist, caution must be exercised through the prudent use of protective equipment and handling procedures to minimize exposure.

SECTION 12: ECOLOGICAL INFORMATION

Environmental Toxicity: The ecological characteristics of this product have not been fully investigated. The product should not be allowed to enter drains or water courses or be de-deposited where it can affect ground or surface waters. Do not discharge product into the environment.

SECTION 13: DISPOSAL CONSIDERATIONS

13.1. Disposal

Dispose in accordance with local/ national regulations

Advice

Contact disposal contractor for exact determination of waste classification




Packaging/ Contaminated packaging

Dispose of as unused product.

Cleaned packaging

Cleaned packaging may be reused.

SECTION 14: TRANSPORT INFORMATION

	Street/ Railway transport (GGVS/ ADR/ GGVE/ RID)/	Ship (ADN/IMDG)/	Airplane (IATA)/
			
14.1. UN-Number	UN 1210	UN 1210	UN 1210
14.2. UN Proper shipping name	Alcohol Ink	Alcohol Ink	Alcohol Ink
14.3. Transport hazard classes	3	3	3
14.4. Packaging group	II	II	II
14.5. Environmental hazards	No tested	No tested	No tested
14.6. Special precautions for user	-	-	-

14.7. Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code

-

SECTION 15: REGULATORY INFORMATION

National regulations

TA-LUFT (DE) Chapter 5.2.5: Organic substances, except dusty substances

Overall, the following values in the exhaust gas, stated as total carbon, must not be exceeded:

Mass flow: 0.5 kg / h or

Mass concentration: 50 mg / m³

Share of organic substances in the mixture: approx. 70-98.9%

WATER HAZARD CLASS (DE): WGK 1 (slightly hazardous to water (classification according to VwVwS, Appendix 4)

FAILURE REGULATION (12th BIMSCHV) (DE):

Substance group 2 (highly flammable liquids)

Note the quantity threshold.

TRGS555 OPERATING INSTRUCTIONS AND TRAINING FOR EMPLOYEES (DE):

Instruction on hazards and protective measures based on TRGS555. The instructions must be given before starting employment and afterwards at least once a year. Indication of changes

Toxic Substances Chemical Inventory (TSCA): This product (and/or all of its components) is in compliance with USEPA TSCA.

Abbreviations and acronyms

BAT = Biologische Arbeitsplatztoleranz (Biological workplace tolerance) MAK = Maximale Arbeitsplatzkonzentration (Maximum workplace concentration) WGK = Wassergefährdungsklasse (Water hazard class)

Key literature references and sources for data

- Gefahrstoffdatenbank (GESTIS) - <http://www.dguv.de/ifa/Gefahrstoffdatenbanken/index.jsp>
- Gefahrstoffliste 2014 - Gefahrstoffe am Arbeitsplatz (IFA Report 2/2014) - <http://publikationen.dguv.de/dguv/pdf/10002/rep0114.pdf>

Further information

Article number: AI-OR025-030 / AI-OR025-100

SECTION 16: ADDITIONAL INFORMATION

HMS Hazard Rating: Health – 2; Fire – 3; Reactivity – 0; PPE – Goggles & Shield; Apron; Vent Hood; ProperGloves; Fire Extinguisher

SDS Preparation Date: 3/30/2020

Disclaimer

To our knowledge, the information contained herein is accurate. However, neither the above-named supplier, nor any of its subsidiaries, assumes any liability whatsoever for the accuracy or completeness of the information contained herein. Final determination of suitability of any material is the sole responsibility of the user. All materials may present unknown hazards and should be used with caution. Although certain hazards are described herein, we cannot guarantee that these are the only hazards that exist.