



## SAFETY DATA SHEET

# Nailchemistry - Coloured INKS

According to REACH Regulation (EC) No 1907/2006, as amended by UK REACH Regulations SI 2019/758 and SI 2020/1577

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

### 1.1 Product identifier

Product Name	Nailchemistry - Coloured INKS
Trade Name	Colour Nail Inks
Product code	Colour Inks

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

Identified Use(s)	PC39 Cosmetics, personal care products
Uses Advised Against	For professional users only.

### 1.3 Details of the supplier of the safety data sheet

#### Manufacturer

Company Identification	NAILCHEMY LIMITED
Address of Manufacturer	Unit E Thistle Park, Crossways Road, Bridgwater, Somerset. UK
Postal code	TA66LS
Telephone:	1278459066
Fax	Not known.
E-mail	info@nailchemistry.co.uk
Office hours	

#### Supplier

Company Identification	NAILCHEMY LIMITED
Address of Supplier	Unit E Thistle Park, Crossways Road, Bridgwater, Somerset. UK
Postal code	TA66LS
Telephone:	1278459066
Fax	Not known.
E-mail	info@nailchemistry.co.uk
Office hours	

### 1.4 Emergency telephone number

Emergency Phone No.	Not known.
Contact	No information available.

### National response centre

Address	NHS Direct
Emergency Phone No.	+44 111

## SECTION 2: HAZARDS IDENTIFICATION

### 2.1 Classification of the substance or mixture

GB CLP Regulation, UK SI 2019/720 and UK SI 2020/1567	Flam. Liq. 2 : Highly flammable liquid and vapour. Eye Irrit. 2 : Causes serious eye irritation. STOT SE 3 : May cause drowsiness or dizziness.
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### 2.2 Label elements

Product Name	According to GB CLP Regulations, UK SI 2019/720 and UK SI 2020/1567 Nailchemistry - Coloured INKS
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## Nailchemy - Coloured INKS

Hazard Pictogram(s)



GHS02

GHS07

Signal Word(s)

Danger

Hazard Statement(s)

H225: Highly flammable liquid and vapour.

H319: Causes serious eye irritation.

H336: May cause drowsiness or dizziness.

EUH208: Contains: (CI 47000, CI 60725) May produce an allergic reaction.

Precautionary Statement(s)

None.

### 2.3 Other hazards

This product contains: 78-93-3 (Endocrine disrupting properties)

### 2.4 Additional Information

For full text of H/P Statements see section 16.

## SECTION 3: COMPOSITION/INFORMATION ON INGREDIENTS

### 3.1 Substances

Not applicable.

### 3.2 Mixtures

HAZARDOUS INGREDIENT(S)	CAS No.	EC No. / Registration number(s)	%W/W	Hazard Statement(s)	Hazard Pictogram(s)
ethyl acetate	141-78-6	205-500-4	68-88	Flam. Liq. 2 H225 Eye Irrit. 2 H319 STOT SE 3 H336	GHS02 GHS07
MEK	78-93-3	201-159-0	10-30	Flam. Liq. 2 H225 Eye Irrit. 2 H319 STOT SE 3 H336	GHS02 GHS07

For full text of H/P Statements see section 16.

## SECTION 4: FIRST AID MEASURES

### 4.1 Description of first aid measures

Inhalation	Remove person to fresh air and keep comfortable for breathing. Call a POISON CENTRE/doctor if you feel unwell.
Skin Contact	Take off immediately all contaminated clothing. Rinse skin with water.
Eye Contact	Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. If eye irritation persists: Get medical advice/attention.
Ingestion	Treat symptomatically.

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

May cause irritation.



## SAFETY DATA SHEET

# Nailchemy - Coloured INKS

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

Call a POISON CENTRE/doctor if you feel unwell. Treat symptomatically.

## SECTION 5: FIREFIGHTING MEASURES

### 5.1 Extinguishing media

Suitable Extinguishing media Use water spray, dry powder or carbon dioxide to extinguish.  
Unsuitable extinguishing media Water jet spray

### 5.2 Special hazards arising from the substance or mixture

Highly flammable liquid and vapour. May decompose in a fire, giving off toxic and irritant vapours.

### 5.3 Advice for firefighters

Fire fighters should wear complete protective clothing including self-contained breathing apparatus. If it is safe to do so, containers should be removed from fire area because they are likely to rupture under fire conditions.

## SECTION 6: ACCIDENTAL RELEASE MEASURES

### 6.1 Personal precautions, protective equipment and emergency procedures

Provide adequate ventilation. Use non-sparking ventilation systems, approved explosion-proof equipment, and intrinsically safe electrical systems. Ensure full personal protection (including respiratory protection) during removal of spillages.

### 6.2 Environmental precautions

Spillages or uncontrolled discharges into watercourses must be alerted to the appropriate regulatory body.

### 6.3 Methods and material for containment and cleaning up

Absorb spillages onto sand, earth or any suitable adsorbent material. Transfer to a container for disposal. Containers must not be punctured or destroyed by burning, even when empty.

### 6.4 Reference to other sections

See Also Section 8, 13.

## SECTION 7: HANDLING AND STORAGE

### 7.1 Precautions for safe handling

Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking. Keep container tightly closed. Use explosion-proof electrical/ventilating/lighting/equipment. Use non-sparking tools. Take action to prevent static discharges. Avoid breathing dust/fume/gas/mist/vapours/spray. Wash hands and exposed skin thoroughly after handling. Use only outdoors or in a well-ventilated area. Wear protective gloves/protective clothing/eye protection/face protection.

### 7.2 Conditions for safe storage, including any incompatibilities

Store in a well-ventilated place. Keep cool. Keep container tightly closed. Store locked up.

Storage temperature

Ambient.

Storage life

Stable under normal conditions.



## SAFETY DATA SHEET

# Nailchemy - Coloured INKS

Incompatible materials None known.

### 7.3 Specific end use(s)

PC39 Cosmetics, personal care products

## SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION

### 8.1 Control parameters

8.1.1 Occupational Exposure Limits

Occupational Exposure Limits						
SUBSTANCE.	CAS No.	LTEL (8 hr TWA ppm)	LTEL (8 hr TWA mg/m <sup>3</sup> )	STEL (ppm)	STEL (mg/m <sup>3</sup> )	Note
Ethyl acetate	141-78-6	200	734	400	1468	
Butan-2-one (methyl ethyl ketone)	78-93-3	200	600	300	899	Sk, BMGV
Copper and compounds: dust and mists (as Cu)	147-14-8		1		2	
Titanium dioxide total inhalable	13463-67-7		10			
Titanium dioxide respirable	13463-67-7		4			
Carbon black	1333-86-4		3.5		7	

Region	Source
United Kingdom	UK Workplace Exposure Limits EH40/2005 (Fourth edition, published 2020)

Remark	Notes
Sk	Can be absorbed through the skin. The assigned substances are those for which there are concerns that dermal absorption will lead to systemic toxicity.
BMGV	Biological monitoring guidance values are listed in Table 2.

### Biological Exposure Indices

Substances	CAS Number	Sampling	Tissues	Control parameters	Biological monitoring guidance value	Comments
Butan-2-one	78-93-3	Post shift	urine	butan-2-one	70 µmol butan-2-one/L	

Remark	Notes
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### 8.2 Exposure controls

8.2.1. Appropriate engineering controls Use non-sparking ventilation systems, approved explosion-proof equipment, and intrinsically safe electrical systems. Ensure adequate ventilation. A washing facility/water for eye and skin cleaning purposes should be present.

8.2.2. Personal protection equipment



Eye Protection

Wear eye protection with side protection (EN166).



Skin protection

Wear protective clothing and gloves: Impervious gloves (EN 374).



## SAFETY DATA SHEET

### Nailchemy - Coloured INKS



Respiratory protection Normally no personal respiratory protection is necessary.



Thermal hazards None known.

8.2.3. Environmental Exposure Avoid release to the environment.  
Controls

## SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

### 9.1 Information on basic physical and chemical properties

Appearance	Liquid. Colour : Various
Odour	Alcohol odour.
Odour threshold	No data
pH	Not known.
Melting point/freezing point	-85.9 °C
Initial boiling point and boiling range	No data
Flash Point	11 °C Closed Cup
Evaporation rate	99.5 %
Flammability (solid, gas)	Not known.
Upper/lower flammability or explosive limits	Lower 1.81 % Upper 11.5 %
Vapour pressure	9.49kpa @ 20 °C
Vapour density	2.42
Density (g/ml)	No data
Relative density	0.806
Solubility(ies)	Solubility (Water) : Slight Solubility (Other) : No data
Partition coefficient: n-octanol/water	0.58
Auto-ignition temperature	>350 °C
Decomposition Temperature (°C)	No data
Viscosity	No data
Explosive properties	No data
Oxidising properties	No data

### 9.2 Other information

None.

## SECTION 10: STABILITY AND REACTIVITY

### 10.1 Reactivity

None anticipated.

### 10.2 Chemical Stability

Stable under normal conditions.



## SAFETY DATA SHEET

# Nailchemy - Coloured INKS

### 10.3 Possibility of hazardous reactions

No hazardous reactions known if used for its intended purpose.

### 10.4 Conditions to avoid

Avoid friction, sparks, or other means of ignition.

### 10.5 Incompatible materials

Not known.

### 10.6 Hazardous decomposition products

No hazardous decomposition products known.

## SECTION 11: TOXICOLOGICAL INFORMATION

### 11.1 Information on toxicological effects

Acute toxicity - Ingestion	Calculation method : Not classified.
Acute toxicity - Skin Contact	Calculation method : Not classified.
Acute toxicity - Inhalation	Calculation method : Not classified.
Skin corrosion/irritation	Calculation method : Not classified.
Serious eye damage/irritation	Self classification: Causes serious eye irritation.
Skin sensitization data	Calculation method : Not classified.
Respiratory sensitization data	Calculation method : Not classified.
Germ cell mutagenicity	Calculation method : Not classified.
Carcinogenicity	Calculation method : Not classified.
Reproductive toxicity	Calculation method : Not classified.
Lactation	Not classified
STOT - single exposure	Self classification: May cause drowsiness or dizziness.
STOT - repeated exposure	Calculation method : Not classified.
Aspiration hazard	Calculation method : Not classified.

### 11.2 Other information

Endocrine disrupting properties: List II: Substances under evaluation for endocrine disruption under an EU legislation 78-93-3 (Human health)

## SECTION 12: ECOLOGICAL INFORMATION

### 12.1 Toxicity

Toxicity - Aquatic invertebrates	Low toxicity to invertebrates.
Toxicity - Fish	Low toxicity to fish.
Toxicity - Algae	Low toxicity to algae.
Toxicity - Sediment Compartment	Not classified.
Toxicity - Terrestrial Compartment	Not classified.

### 12.2 Persistence and degradability

Not known.



## SAFETY DATA SHEET

# Nailchemy - Coloured INKS

### 12.3 Bioaccumulative potential

Not known.

### 12.4 Mobility in soil

The product has high mobility in soil.

### 12.5 Results of PBT and vPvB assessment

Not known.

### 12.6 Other adverse effects

None known.

## SECTION 13: DISPOSAL CONSIDERATIONS

### 13.1 Waste treatment methods

Dispose of contents in accordance with local, state or national legislation. Recycle only completely emptied packaging. Containers must not be punctured or destroyed by burning, even when empty. Do not allow to enter drains, sewers or watercourses. Do NOT landfill. Normal disposal is via incineration operated by an accredited disposal contractor. Send to a licensed recycler, reclaimor or incinerator. Dispose at suitable refuse site.

### 13.2 Additional Information

Disposal should be in accordance with local, state or national legislation.

## SECTION 14: TRANSPORT INFORMATION

### 14.1 UN number

UN No. 1173

### 14.2 UN proper shipping name

UN proper shipping name ETHYL ACETATE

### 14.3 Transport hazard class(es)

#### ADR/RID

ADR/RID Class 3  
ADR Classification Code F1  
Special Provisions  
Limited Quantities 1 L  
Excepted Quantities E2  
Emergency Action Code •3YE  
Mixed Packing Instructions for Packages P001 IBC02 R001  
Special Packing Provisions for Packages  
Mixed Packing Instructions for Packages MP19  
Packing Instructions for Portable Tanks T4  
Special Provisions for Portable Tanks TP1



## SAFETY DATA SHEET

### Nailchemy - Coloured INKS

Tank Code for Tanks	LGBF
Special Provisions for Tanks	
Vehicle for Tank Carriage	FL
ADR Transport Category	2
Tunnel Restriction Code	D/E
Special Provisions for Carriage - Packages	
Special Provisions for Carriage - Bulk	
Special Provisions for Carriage - Loading, Unloading and Handling	
Special Provisions for Carriage - Operation	S2 S20
ADR HIN	33
<b>IMDG</b>	
IMDG Class	3
Special Provisions	
Limited Quantities	1 L
Excepted Quantities	E2
Mixed Packing Instructions for Packages	P001 IBC02 R001
Special Packing Provisions for Packages	
Packing Instructions for Portable Tanks	T4
Special Provisions for Portable Tanks	TP1
IMDG EMS	F-E, S-D
Stowage and Handling	Category B
Segregation	
Marine Pollutant	
<b>ICAO/IATA</b>	
IATA Proper Shipping Name	ETHYL ACETATE
Excepted Quantities	E2
Passenger and Cargo Aircraft Limited Quantities Packing Instructions	Y341
Passenger and Cargo Aircraft Limited Quantities Max net Qty	1L
Passenger and Cargo Aircraft Packing Instructions	353
Passenger and Cargo Aircraft Max net Qty	5L
Cargo Aircraft Packing Instructions	364
Cargo Aircraft Max net Qty	60L
Special Provisions	



## Nailchemistry - Coloured INKS

Emergency Response Guidebook (ERG) Code      3L

### Labels

Labels      3



### 14.4 Packing group

Packing group      II

### 14.5 Environmental hazards

Environmental hazards      Not classified as a Marine Pollutant.

### 14.6 Special precautions for user

Special precautions for user      Not known.

### 14.7 Transport in bulk according to Annex II of Marpol and the IBC Code

No information available

## SECTION 15: REGULATORY INFORMATION

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

#### United Kingdom Regulations - Authorisations and/or Restrictions On Use

UK REACH Candidate List of Substances of Very High Concern for Authorisation      Not listed

UK REACH Authorisation List (Annex XIV) list of substances subject to authorisation      Not listed

UK REACH Restrictions List (Annex XVII) Restrictions on the manufacture, placing on the market and use of certain dangerous substances, mixtures and articles      ethyl acetate (141-78-6), MEK (78-93-3), CI 47000 (8003-22-3), CI 60725 (81-48-1), CI 45410 (18472-87-2)

UK REACH Rolling Action Plan (RAP)      Not listed

The Persistent Organic Pollutants Regulations 2007 (SI 2007/3106) as amended      Not listed

The Ozone-Depleting Substances and Fluorinated Greenhouse Gases (Amendment etc.) (EU Exit) Regulations 2019 (SI 2019/583)      Not listed

## Nailchemistry - Coloured INKS

The Prior Informed Consent (PIC) Not listed  
 Regulations concerning the  
 export and import of hazardous  
 chemicals SI2008/2108 as  
 amended

### European Regulations - Authorisations and/or Restrictions On Use

Community Rolling Action Plan butanone (78-93-3), titanium dioxide (13463-67-7), Carbon black (1333-86-4)  
 (CoRAP)

### 15.2 Chemical Safety Assessment

United Kingdom A REACH chemical safety assessment has not been carried out.

## SECTION 16: OTHER INFORMATION

The following sections contain  
 revisions or new statements:

### LEGEND

Hazard Pictogram(s)



GHS02

GHS07

Hazard classification

Flam. Liq. 2 : Flammable liquid, Category 2  
 Eye Irrit. 2 : Serious eye damage/irritation, Category 2  
 STOT SE 3 : Specific target organ toxicity — single exposure, Category 3

Hazard Statement(s)

H225: Highly flammable liquid and vapour.  
 H319: Causes serious eye irritation.  
 H336: May cause drowsiness or dizziness.

Precautionary Statement(s)

P210: Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking.  
 P233: Keep container tightly closed.  
 P240: Ground and bond container and receiving equipment.  
 P241: Use explosion-proof electrical/ventilating/lighting/equipment.  
 P242: Use non-sparking tools.  
 P243: Take action to prevent static discharges.  
 P261: Avoid breathing dust/fume/gas/mist/vapours/spray.  
 P264: Wash hands and exposed skin thoroughly after handling.  
 P271: Use only outdoors or in a well-ventilated area.  
 P280: Wear protective gloves/protective clothing/eye protection/face protection.  
 P303+P361+P353: IF ON SKIN (or hair): Take off immediately all contaminated clothing. Rinse skin with water.  
 P304+P340: IF INHALED: Remove person to fresh air and keep comfortable for breathing.  
 P305+P351+P338: IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.



## SAFETY DATA SHEET

### Nailchemy - Coloured INKS

P312: Call a POISON CENTRE/doctor if you feel unwell.  
P337+P313: If eye irritation persists: Get medical advice/attention.  
P370+P378: In case of fire: Use water spray, dry powder or carbon dioxide to extinguish.  
P403+P233: Store in a well-ventilated place. Keep container tightly closed.  
P403+P235: Store in a well-ventilated place. Keep cool.  
P405: Store locked up.  
P501: Dispose of contents in accordance with local, state or national legislation.

#### Acronyms

ADN : European Agreement concerning the International Carriage of Dangerous Goods by Inland Waterways  
ADR : European Agreement concerning the International Carriage of Dangerous Goods by Road  
ATE : Acute Toxicity Estimate  
CAS : Chemical Abstracts Service  
DNEL : Derived No Effect Level  
EC : European Community  
EINECS : European Inventory of Existing Commercial Chemical Substances  
IATA : International Air Transport Association  
IBC : Intermediate Bulk Container  
ICAO : International Civil Aviation Organization  
IMDG : International Maritime Dangerous Goods  
LTEL : Long term exposure limit  
PBT : Persistent, Bioaccumulative and Toxic  
PNEC : Predicted No Effect Concentration  
REACH : Registration, Evaluation, Authorisation and Restriction of Chemicals  
RID : Regulations concerning the International Carriage of Dangerous Goods by Rail  
STEL : Short term exposure limit  
STOT : Specific Target Organ Toxicity  
UN : United Nations  
vPvB : very Persistent and very Bioaccumulative  
GB CLP Regulation, UK SI 2019/720 and UK SI 2020/1567

#### Key literature references and sources for data used to compile the SDS

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