



## SAFETY DATA SHEET

ACCORDING TO EC-REGULATIONS 1907/2006 (REACH), 1272/2008 (CLP) & 2015/830

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

#### 1.1 Product identifier

Product Name	Nailchemy - Metallic INKS
Trade Name	Colour Inks
Product code	Metallic Inks
CAS No.	Not applicable.
EC No.	Not applicable.
REACH Registration No.	Not known.

#### 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	40 Market Street, Bridgwater, Somerset. UK
Postal code	TA6 3EP
Telephone:	1278459066
Fax	Not known.
E-mail	info@nailchemy.co.uk
Office hours	

##### Supplier

Company Identification	NAILCHEMY LIMITED
Address of Supplier	40 Market Street, Bridgwater, Somerset. UK
Postal code	TA6 3EP
Telephone:	1278459066
Fax	Not known.
E-mail	info@nailchemy.co.uk
Office hours	

#### 1.4 Emergency telephone number

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

#### National response center

Address	NHS Direct
Emergency Phone No.	+44 111

### SECTION 2: HAZARDS IDENTIFICATION

#### 2.1 Classification of the substance or mixture

Regulation (EC) No. 1272/2008 (CLP)	Flam. Liq. 2 : Highly flammable liquid and vapour. Skin Sens. 1 : May cause an allergic skin reaction. Eye Irrit. 2 : Causes serious eye irritation. STOT SE 3 : May cause drowsiness or dizziness.
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#### 2.2 Label elements

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According to Regulation (EC) No. 1272/2008 (CLP)

Product Name  
Hazard Pictogram(s)

Nailchemistry - Metallic INKS



GHS02

GHS07

Signal Word(s)  
Hazard Statement(s)

Danger  
H225: Highly flammable liquid and vapour.  
H317: May cause an allergic skin reaction.  
H319: Causes serious eye irritation.  
H336: May cause drowsiness or dizziness.

Precautionary Statement(s)

P102: Keep out of reach of children.  
P210: Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking.  
P233: Keep container tightly closed.  
P261: Avoid breathing dust/fume/gas/mist/vapours/spray.  
P264: Wash hands and exposed skin thoroughly after handling.  
P280: Wear protective gloves/protective clothing/eye protection/face protection.  
P302+P352: IF ON SKIN: Wash with plenty of water.  
P305+P351+P338: IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.  
P333+P313: If skin irritation or rash occurs: Get medical advice/attention.  
P337+P313: If eye irritation persists: Get medical advice/attention.  
P362+P364: Take off contaminated clothing and wash it before reuse.  
P370+P378: In case of fire: Use water spray, dry powder or carbon dioxide to extinguish.

### 2.3 Other hazards

None known.

### 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. / REACH Registration No.	%W/W	Hazard Statement(s)	Hazard Pictogram(s)
ethyl acetate	141-78-6	205-500-4	93-96	Flam. Liq. 2 H225 Eye Irrit. 2 H319 STOT SE 3 H336	GHS02 GHS07

## SECTION 4: FIRST AID MEASURES

### 4.1 Description of first aid measures



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Inhalation	Remove person to fresh air and keep comfortable for breathing. Call a POISON CENTER/doctor if you feel unwell.
Skin Contact	Take off immediately all contaminated clothing and wash it before reuse. If skin irritation or rash occurs: Get medical advice/attention. Specific treatment (see Medical Advice on this label). 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. Allergic contact dermatitis.

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

Specific treatment (see Medical Advice on this label). Call a POISON CENTER/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

Adsorb 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



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Wash hands and exposed skin thoroughly after handling. Wear protective gloves/protective clothing/eye protection/face protection. 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. Use only outdoors or in a well-ventilated area.

### 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.
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	
Ethyl acetate	141-78-6	200	734	400	1468	IOELV
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	
Aluminium metal inhalable dust	7429-90-5		10			
Aluminium metal respirable dust	7429-90-5		4			

Region	Source
EU	EU Occupational Exposure Limits
United Kingdom	UK Workplace Exposure Limits EH40/2005 (Third edition, published 2018)

  

Remark	Notes
IOELV	Indicative Occupational Exposure Limit Values.

### 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).

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Skin protection

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



Respiratory protection

Normally no personal respiratory protection is necessary.



Thermal hazards

None known.

8.2.3. Environmental Exposure Controls Avoid release to the environment.

## 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



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Stable under normal conditions.

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

### 11.2 Other information

Not known.

## 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 Degradation

Not known.

### 12.3 Bioaccumulative potential



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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

Not 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, reclaimer 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
Tank Code for Tanks	LGBF
Special Provisions for Tanks	
Vehicle for Tank Carriage	FL



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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 - S2 S20  
Operation  
ADR HIN 33

### IMDG

IMDG Class 3  
Special Provisions  
Limited Quantities 1 L  
Excepted Quantities E2  
Mixed Packing Instructions for P001 IBC02 R001  
Packages  
Special Packing Provisions for  
Packages  
Packing Instructions for Portable T4  
Tanks  
Special Provisions for Portable TP1  
Tanks  
IMDG EMS F-E, S-D  
Stowage and Handling Category B  
Segregation  
Marine Pollutant

### ICAO/IATA

IATA Proper Shipping Name ETHYL ACETATE  
Excepted Quantities E2  
Passenger and Cargo Aircraft Y341  
Limited Quantities Packing  
Instructions  
Passenger and Cargo Aircraft 1L  
Limited Quantities Max net Qty  
Passenger and Cargo Aircraft 353  
Packing Instructions  
Passenger and Cargo Aircraft 5L  
Max net Qty  
Cargo Aircraft Packing 364  
Instructions  
Cargo Aircraft Max net Qty 60L  
Special Provisions  
Emergency Response 3L  
Guidebook (ERG) Code

### 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**

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

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

REACH: ANNEX XIV list of substances subject to authorisation Not listed

REACH: Annex XVII Restrictions on the manufacture, placing on the market and use of certain dangerous substances, mixtures and articles ethyl acetate (141-78-6), CI 77000 (7429-90-5)

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

Regulation (EC) N° 850/2004 of the European Parliament and of the Council on persistent organic pollutants Not listed

Regulation (EC) N° 1005/2009 on substances that deplete the ozone layer Not listed

Regulation (EU) N° 649/2012 of the European Parliament and of the Council concerning the export and import of hazardous chemicals Not listed

##### **National regulations**

Other Not known.

#### **15.2 Chemical Safety Assessment**

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  
 Skin Sens. 1 : Skin sensitization, Category 1  
 Eye Irrit. 2 : Serious eye damage/irritation, Category 2  
 STOT SE 3\_H336 : Specific target organ toxicity — single exposure, Category 3

Hazard Statement(s)

H225: Highly flammable liquid and vapour.  
 H317: May cause an allergic skin reaction.  
 H319: Causes serious eye irritation.  
 H336: May cause drowsiness or dizziness.

Precautionary Statement(s)

P102: Keep out of reach of children.  
 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.  
 P272: Contaminated work clothing should not be allowed out of the workplace.  
 P280: Wear protective gloves/protective clothing/eye protection/face protection.  
 P302+P352: IF ON SKIN: Wash with plenty of water.  
 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.  
 P312: Call a POISON CENTER/doctor if you feel unwell.  
 P321: Specific treatment (see Medical Advice on this label).  
 P333+P313: If skin irritation or rash occurs: Get medical advice/attention.  
 P337+P313: If eye irritation persists: Get medical advice/attention.  
 P362+P364: Take off contaminated clothing and wash it before reuse.  
 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.



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	<p>P403+P235: Store in a well-ventilated place. Keep cool.</p> <p>P405: Store locked up.</p> <p>P501: Dispose of contents in accordance with local, state or national legislation.</p>
Acronyms	<p>ADN : European Agreement concerning the International Carriage of Dangerous Goods by Inland Waterways</p> <p>ADR : European Agreement concerning the International Carriage of Dangerous Goods by Road</p> <p>CAS : Chemical Abstracts Service</p> <p>CLP : Regulation (EC) No 1272/2008 on classification, labelling and packaging of substances and mixtures</p> <p>DNEL : Derived No Effect Level</p> <p>EC : European Community</p> <p>EINECS : European Inventory of Existing Commercial Chemical Substances</p> <p>IATA : International Air Transport Association</p> <p>IBC : Intermediate Bulk Container</p> <p>ICAO : International Civil Aviation Organization</p> <p>IMDG : International Maritime Dangerous Goods</p> <p>LTEL : Long term exposure limit</p> <p>PBT : Persistent, Bioaccumulative and Toxic</p> <p>PNEC : Predicted No Effect Concentration</p> <p>REACH : Registration, Evaluation, Authorisation and Restriction of Chemicals</p> <p>RID : Regulations concerning the International Carriage of Dangerous Goods by Rail</p> <p>STEL : Short term exposure limit</p> <p>STOT : Specific Target Organ Toxicity</p> <p>UN : United Nations</p> <p>vPvB : very Persistent and very Bioaccumulative</p>
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