



# TATTOO TRADE INFORMATION ONLY

Typical Colour Analysis

## M.S.D.S (MATERIAL SAFETY DATA SHEETS)

### 1. SUBSTANCE/PREPARATION AND COMPANY IDENTIFICATION

Product Code: identification of product  
 Chemical Family: water, glycerine and alcohol (the only 3 compounds permitted in tattooing inks)  
 Product Description: aqueous dispersion  
 Product Name: whatever

Use Description:

Aqueous pigment dispersions are unique, highly coloured products incorporating high pigment loading.

Manufacturer: any

### 2. COMPOSITION/INFORMATION ON INGREDIENTS

TSRN:	C.A.S.#	
Pigment:	C.A.S.#	Not allowed in law
Water:	C.A.S.#	

This product is primarily composed of organic pigment and water, and is not considered to be a hazardous substance as defined under OSHA's Hazard Communication Standard (29 CFR 1910.1200). This needs to be checked.

### 3. FIRE FIGHTING MEASURES

Flammability Data

Flash Point: non-flammable material  
 Flammability Limits: not applicable  
 Autoignition Temperature: not applicable

**NFPA Ratings**

Health: 0  
 Flammability: 0  
 Reactivity: 0

**HMIS Ratings**

Health: 0  
 Flammability: 0  
 Reactivity: 0

These need to be checked

### 4. PHYSICAL AND CHEMICAL PROPERTIES

Appearance: homogenised, pre-dispersed, fully dispersed  
 Colourant: pigment: organic or synthetic  
 Specific Gravity: variable, 2.5 – 9.6  
 Solubility in Water: dispersable, pigment must be inert  
 Boiling Point: 65 – 100°C  
 Volatile Organic Compounds: variable  
 pH Information: variable  
 Odour: None

**5. ECOLOGICAL INFORMATION**

This product has not been evaluated for its ecotoxicity. However, based upon degradation studies of similarly formulated aqueous dispersions, it can be concluded that the ingredients are almost completely degraded, except for the pigment, the biodegradation of colorants under aerobic conditions is expected to be limited and there is no evidence to suggest they create any significant ecological problems when released into the environment. Since pigments are generally insoluble compounds they are believed to have minimal bioaccumulation and bioavailability characteristics.

Analogous dispersions tested as follows:

Rainbow Trout LC (24 hours):	720mg/l
LC (96 hours):	420mg/l
Wastewater Bacteria EC (3 hours):	>10,000mg/l

Only slightly dangerous to fish, invertebrates and algae (WGK 1)  
 RAT. Oral. Gox.V.

**6. DISPOSAL CONSIDERATIONS**

General

This product must be disposed of in accordance with all applicable regulations

Waste Management

Incineration or land filling are recommended disposal techniques. Contact your state or local regulations. Contact your local environment agency for specific rules. This product is not identified as an RCRA hazardous waste under 40 CFR 261 and is not regulated under CERCLA (superfund).

**7. REGULATORY INFORMATION**

OSHA Hazard Communication Standard Status

This product is not considered to be a hazardous substance under OSHA's Hazard Communication Standard 29CFR 110.1200

Toxic Substances Control Act (TSCA) Status

All of the ingredients in this material have been included in the TSCA chemical inventory. Must be available to the customer.

CERCLA Reportable Quantity (RQ)

None (not regulated)

SARA Title III

Section 302 (EHS)

Section 311/312 (acute)

Section 313

Needs to be checked

RCRA

Needs to be checked

WHMIS

Needs to be checked

CONEG Status

Needs to be checked

**8. OTHER INFORMATION**

The MSDS complies with the EEC Commission Directive of 5.3.91. The information contained herein is for health and safety guidance only and does not constitute a specification. It is to the best of our knowledge and belief, accurate. However, since the conditions of handling and use are beyond our control, we make no guarantee of results and assume no liability for damages incurred by use of this material. It is the responsibility of the user to comply with all applicable laws and regulations. Nothing contained herein is to be construed as a recommendation for use in violation of any patents or of applicable laws or regulations.

**MATERIAL TECHNICAL DATA**

Needs to be checked

Code	Pigment Type	Inert Pigment
Name	Dispersion Type	ALC.AQ.DIS-SUS

**PROPERTIES SPECIFIED**

Alcohol	Water	Glycerine
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**PROPERTIES SPECIFIED BY CERTIFICATE OF ANALYSIS**

CIE LAB	-1.00 – 1.00	This information must be available
CIE LAB Da	-1.00 – 1.00	
CIE LAB Db	-1.00 – 1.00	
CIE LAB	0.00 – 0.00	
Tint Strength	97.0 – 103.00	
pH	3.60 – 9.60	

**NORMAL PHYSICAL PROPERTIES NOT COA**

Colour Index Number:	Regulated by Law	Needs to be checked
Percent Solids	0.100% (+/-2%)	
CIE LAB Db	1.08 – 1.20	

Typical disclaimer issued by suppliers: Although the enclosed data is accurate to the best of our knowledge, it is furnished without warranty, expressed or implied. We do not assume any legal responsibility for the use of the product and this product is purchased at the buyer's risk. You can still be sued in law.

M.S.D.S. Certificates relate to safety data released by pigment manufacturers on their pigments in general use i.e. for automotive use, inks, cosmetics, foods, etc. Some supply houses doctor these M.S.D.S. Certificates to make them look authentic for tattooing. **BEWARE!** Many so called tattooing inks on the market contain carcinogenic compounds and heavy metal compounds, plus various mixing compounds, which give rise to allergies. There is also no spectrographic analysis certification available with these.

Many American Tattoo Supply Houses are under investigation concerning Health and Safety Codes and the Environmental Toxic Codes. Copies of these law suits can be obtained from the Carrick Law Group or from us if required.

The lawsuits are appertaining to the pigments released for tattooing. Most are banned in the EU and will also be banned in the UK as we are also part of the EU.

Recommendations for regulatory action in the EU on the safety of tattooing can be found in the paper produced by the Directorate General Health and Consumer Protection. A copy of this draft can be obtained from:

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This report was produced in 2003 and since then UK Central Government are moving forward with legislation and practices in tattooing covered under the Health and Safety at Work Act.

**YOU HAVE BEEN WARNED. DO NOT IGNORE THIS INFORMATION**