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## Coversheet: Safety Data Sheet

Trade Name(s): BradyJet

Brady Model Number(s): J1000, J1000-BWSPWID, J10-BK

# SAFETY DATA SHEET

according to Regulation (EC) No. 1907/2006

Product name : NERO Date Prepared : 01.12.2018  
SDS Number : NERO\_1218 Revision Date : 01.12.2018

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## **1. Identification of the substance/mixture and of the company/undertaking**

### **1.1 Product identifier**

Product name : IJET2L NERO

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

Use of the substance/mixture : Ink for inkjet printer

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

Company : IJET2L SRL  
VIA VITTORIO EMANUELE 68, 24036 PONTE SAN PIETRO, ITALY

Telephone : +39 02 87196 255

Fax : +39 02 56562 669

E-mail : info@ijet2l.com

**1.4 Emergency telephone number** : +39 02 87196 255

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## **2. Hazards identification**

### **2.1 Classification of the substance or mixture**

Classification according to Regulation (EC) No. 1272/2008

: Flam. Liq. 2  
Eye Dam. 1  
STOT SE 3  
Aquatic Chronic 3

### **2.2 Label elements**

Labelling according to Regulation (EC) No. 1272/2008

Hazard pictograms :



Signal word : Danger

Hazard statements : Highly flammable liquid and vapour.  
Causes serious eye damage.  
May cause drowsiness or dizziness.  
Harmful to aquatic life with long lasting effects.

Precautionary statements

Prevention : Keep away from heat/sparks/open flames/hot surfaces. - No smoking.  
Keep container tightly closed.  
Ground/bond container and receiving equipment.  
Use explosion-proof electrical/ventilating/lighting equipment.  
Use only non-sparking tools.  
Take precautionary measures against static discharge.  
Wear protective gloves/protective clothing/eye protection/face protection.  
Avoid breathing dust/fume/gas/mist/vapours/spray.  
Use only outdoors or in a well-ventilated area.  
Avoid release to the environment.

Response : IF ON SKIN (or hair): Remove/Take off immediately all contaminated clothing.  
Rinse skin with water/shower.

In case of fire: Use an appropriate extinguishing agent for extinction.  
IF INHALED: Remove victim to fresh air and keep at rest in a position comfortable for breathing.  
Call a POISON CENTER or doctor/physician if you feel unwell.

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IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to remove. Continue rinsing.  
Immediately call a POISON CENTER or doctor/physician.

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

Disposal : Dispose of contents/container in accordance with local/regional/national/international regulations.

## 2.3 Other hazards

None known

## 3. Composition/information on ingredients

3.1 Chemical characterization : Mixture

### 3.2 Ingredients

Components	CAS No.	EC Number	Contents (wt %)	Classification (EC) No 1272/2008
Dyestuff	117527-94-3	403-720-7	<9	Aquatic Chronic 2: H411
Ethanol	64-17-5	200-578-6	< 70	Flam. Liq. 2: H225
1-Propanol	71-23-8	200-746-9	< 20	Flam. Liq. 2: H225 Eye Dam. 1: H318 STOT SE 3: H336
Acetone	67-64-1	200-662-2	<3	Flam. Liq. 2: H225 Eye Irrit. 2: H319 STOT SE 3: H336
Diacetone alcohol	123-42-2	204-626-7	<2	Eye Irrit. 2: H319

## 4. First aid measures

### 4.1 Description of first aid measures

General advice : When symptoms persist or in all cases of doubt seek medical advice.

Inhalation : Remove victim to fresh air and keep at rest in a position comfortable for breathing.  
Get medical advice/attention if you feel unwell.

Skin contact : Wash thoroughly with soap and plenty of water while removing all contaminated clothes.  
If skin irritation or rash occurs: Get medical advice/attention.

Eye contact : Immediately flush eyes with plenty of water, occasionally lifting the upper and lower eyelids. Remove contact lenses, if present and easy to remove. Continue to rinse for at least 15 minutes.  
Get medical attention immediately.

Ingestion : Wash mouth with water and seek medical advice immediately.  
Do not induce vomiting.

Information for doctor : No information is available.

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

No further relevant information available.

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

Treat symptomatically.

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## 5. Firefighting measures

### 5.1 Extinguishing media

Suitable extinguishing media : Carbon dioxide (CO<sub>2</sub>), Dry chemical, Alcohol-resistant foam, Water spray.  
Unsuitable extinguishing media : Do not use water jet.

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

Carbon oxides, nitrogen oxides will form in fire.

### 5.3 Advice for firefighters

Wear suitable protective suit and self-contained breathing apparatus.

## 6. Accidental release measures

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

Wear appropriate personal protective equipment as specified in section 8.

### 6.2 Environmental precautions

Do not release into soil, sewers, river, or the public water courses.

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

In the case of a cartridge: Not applicable.

At the time of the leakage of contents: Absorb or cover with dry earth, sand or other non-combustible material and transfer to sealable containers. Remove all sources of ignition. Use spark-proof tools and explosion-proof equipment.

### 6.4 Reference to other sections

Refer to Section 7, 8 and 13.

## 7. Handling and storage

### 7.1 Precautions for safe handling

Put on appropriate personal protective equipment (see Section 8). Prohibition of dropping and throwing.  
Avoid contact with skin, eyes and clothing. Do not breathe vapours. Use only in a well-ventilated area.  
When using do not eat or drink. Wash hands thoroughly after handling.  
Keep away from fire, sparks and heated surfaces. Take precautionary measures against electrostatic discharges.

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

Do not store ink in high or freezing temperature. Keep away from heat and direct sunlight.  
Do not store ink with acids, oxidizing agents or explosives.  
Keep containers tightly closed in a dry, cool and well-ventilated place.

### 7.3 Specific end uses

No further relevant information available.

## 8. Exposure controls/personal protection

### 8.1 Control parameters

Components	CAS No.	EU-OEL (TWA)	EU-OEL (STEL)
Dyestuff	117527-94-3	0.5 mg/m <sup>3</sup>	
Ethanol	64-17-5	1000 ppm, 1900 mg/m <sup>3</sup>	
1-Propanol	71-23-8	200 ppm, 500 mg/m <sup>3</sup>	250 ppm, 625 mg/m <sup>3</sup>
Acetone	67-64-1	500 ppm, 1210 mg/m <sup>3</sup>	1000 ppm, 2420 mg/m <sup>3</sup>
Diacetone alcohol	123-42-2	50 ppm, 240 mg/m <sup>3</sup>	75 ppm, 360 mg/m <sup>3</sup>

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## 8.2 Exposure controls

### Engineering measures

Local Exhaust : Adequate ventilation should be provided so that exposure limits are not exceeded.

### Personal protective equipment

Respiratory protection : In case of insufficient ventilation, wear suitable respiratory equipment.

Hand protection : Impermeable gloves.

Eye protection : Safety glasses with side-shields. Goggles.

Skin and body protection : Protective suit, Safety shoes.

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## 9. Physical and chemical properties

### 9.1 Information on basic physical and chemical properties

Appearance : Solvent type ink  
Colour : Black  
Odour : Alcohol odour  
pH : No data available  
Melting point : No data available  
Boiling point : 75 degrees C  
Flash point : 13 degrees C [Ethanol] 23 degrees C [1-Propanol]  
Evaporation rate : No data available  
Upper/lower explosive limits : No data available  
Vapour pressure : No data available  
Vapour density : No data available  
Relative density : 0.84 (at 25 degrees C)  
Water solubility : Insolubility  
Partition coefficient: n-octanol/water : No data available  
Auto-ignition temperature : No data available  
Decomposition temperature : No data available  
Viscosity : 1.85 - 2.25 mPa·s (at 25 degrees C)  
Explosive properties : This product is considered a no explosive material under normal use condition.  
Oxidising properties : There is nothing in general storage and handling.

### 9.2 Other information

No further relevant information available.

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## 10. Stability and reactivity

### 10.1 Reactivity

No hazardous reactions with proper storage and handling.

### 10.2 Chemical stability

The product is stable under normal conditions.

### 10.3 Possibility of hazardous reactions

No hazardous reactions with proper storage and handling.

### 10.4 Conditions to avoid

High temperature, heat, sparks, flames and other sources of ignition. Oxidizing condition.

### 10.5 Incompatible materials

Acid and strong oxidizer can cause a reaction.

### 10.6 Hazardous decomposition products

Carbon oxides, nitrogen oxides will form in fire.

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## 11. Toxicological information

### 11.1 Information on toxicological effects

Acute toxicity

	Oral LD50	Dermal LD50	Inhalation LC50
Ethanol	(rat) 7060 mg/kg	(rabbit) LDLo 20000 mg/kg	(rat) 63000 ppm/4h
1-Propanol	(rat) 3830 mg/kg	(rabbit) >10000 mg/kg	(rat) >9.8 mg/l/4h
Acetone	(rat) 5800 mg/kg	(rabbit) >7400 mg/kg	(rat) 32000 ppm/4h
Diacetone alcohol	(rat) 4000 mg/kg	(rabbit) 13630 mg/kg	

Skin corrosion/irritation : 1-Propanol (rabbit) 72h; Slight  
Diacetone alcohol (rabbit) Mild irritation

Serious eye damage/eye irritation : Causes serious eye damage.  
1-Propanol (rabbit) 72h; Severe

Respiratory or skin sensitization : No data available

Germ cell mutagenicity : No data available

Carcinogenicity : No data available

Reproductive toxicity : No data available

Specific target organ systemic toxicity - Single exposure : May cause drowsiness or dizziness.

Specific target organ systemic toxicity - Repeated exposure : No data available

Aspiration hazard : No data available

## 12. Ecological information

### 12.1 Toxicity

Ethanol LC50 (96h) (Pimephales promelas) >100 mg/L  
LC50 (48h) (Ceriodaphnia) 5012 mg/L

1-Propanol LC50 (96h) (Pimephales promelas) >804 mg/L

Dyestuff LC50 (Fish) 2.0 mg/L

### 12.2 Persistence and degradability

Not readily biodegradable. [Dyestuff]

### 12.3 Bioaccumulative potential

No data available

### 12.4 Mobility in soil

No data available

### 12.5 Results of PBT and vPvB assessment

Not applicable

### 12.6 Other adverse effects

No further relevant information available.

## 13. Disposal considerations

### 13.1 Waste treatment methods

Product : Dispose of waste material in accordance with local, state and federal pollution regulations.

Contaminated packaging : When disposing of an empty container, dispose after removing contents materials completely. Dispose of this material and its container according to your country law.

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## **14. Transport information**

### International Regulations

UN number : 1210  
UN proper shipping name : Printing Ink  
Class : Class 3  
Packing group : II

### Sea transport

IMDG-Code:  
UN number : 1210  
UN proper shipping name : Printing Ink  
Class : Class 3  
Packing group : II  
Marine pollutant : No

### Air transport

ICAO-TI/IATA-DGR :  
UN number : 1210  
UN proper shipping name : Printing Ink  
Class : Class 3  
Packing group : II

### Land transport

ADR / RID:  
UN number : 1210  
UN proper shipping name : Printing Ink  
Class : Class 3  
Packing group : II

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## **15. Regulatory information**

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

#### EU regulations

(EC) No 1907/2006 (REACH)  
Annex XIV (Authorisation) : Not regulated  
Annex XVII (Restrictions on use) : Not regulated

### **15.2 Chemical Safety Assessment**

No chemical safety assessment has been carried out.

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## **16. Other information**

### **Full text of H-Statements referred to under sections 2 and 3.**

H225 : Highly flammable liquid and vapour.  
H318 : Causes serious eye damage.  
H319 : Causes serious eye irritation.  
H336 : May cause drowsiness or dizziness.  
H411 : Toxic to aquatic life with long lasting effects.  
H412 : Harmful to aquatic life with long lasting effects.

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The information contained herein is based on the current knowledge.

This Safety Data Sheet is intended to describe our products in correctness of safety requirements.

It should not therefore be construed as guaranteeing specific properties.

The data applies to only usual handling.