

according to Regulation (EC) No 1907/2006

## **JUST INK Basic Orange**

Revision date: 20.01.2022 Product code: 27175 Page 1 of 11

### SECTION 1: Identification of the substance/mixture and of the company/undertaking

### 1.1. Product identifier

JUST INK Basic Orange

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

## Use of the substance/mixture

Intradermal application

### Uses advised against

Permanent Make-up

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

Company name: JUST INK Distribution GmbH

Street: Am Kirchenhölzl 15
Place: D-82166 Gräfelfing
Telephone: +49 89 1250 1450 7
e-mail: contact@JUST-INK.eu

Contact person: Ralf Michel Telephone: +49 89 1250 1450 7

e-mail: contact@JUST-INK.eu lnternet: www.JUST-INK.eu

### **SECTION 2: Hazards identification**

### 2.1. Classification of the substance or mixture

### Regulation (EC) No. 1272/2008

This mixture is not classified as hazardous in accordance with Regulation (EC) No. 1272/2008.

### 2.2. Label elements

## Hazard components for labelling

No label required according to 1999/45/EC, annex V B, No. 9.

### 2.3. Other hazards

No risks worthy of mention. Please observe the information on the safety data sheet at all times.

### **SECTION 3: Composition/information on ingredients**

### 3.2. Mixtures

### Hazardous components

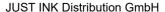
CAS No	Chemical name	Chemical name				
	EC No					
	GHS Classification					
100-51-6	benzyl alcohol					
	202-859-9 603-057-00-5					
	Acute Tox. 4, Acute Tox. 4; H332 H302					

Full text of H and EUH statements: see section 16.

## Specific Conc. Limits, M-factors and ATE

CAS No	EC No	Chemical name	Quantity
	Specific Conc.	Limits, M-factors and ATE	
100-51-6	202-859-9	benzyl alcohol	1 - < 5 %
	inhalation: ATE 1230 mg/kg	E = 11 mg/l (vapours); inhalation: ATE = 1,5 mg/l (dusts or mists); oral: LD50 =	

### **SECTION 4: First aid measures**





according to Regulation (EC) No 1907/2006

## **JUST INK Basic Orange**

Revision date: 20.01.2022 Product code: 27175 Page 2 of 11

### 4.1. Description of first aid measures

#### **General information**

In case of allergic symptoms, especially in the breathing area, seek medical advice immediately.

#### After inhalation

Provide fresh air.

#### After contact with skin

Wash with plenty of water. Take off contaminated clothing and wash it before reuse.

#### After contact with eyes

Rinse immediately carefully and thoroughly with eye-bath or water.

#### After indestion

Rinse mouth immediately and drink plenty of water.

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

Allergic anaphylactic shock.

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

Treat symptomatically. Regulation of the blood circulation, possible shock treatment.

## **SECTION 5: Firefighting measures**

### 5.1. Extinguishing media

### Suitable extinguishing media

Co-ordinate fire-fighting measures to the fire surroundings.

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

Non-flammable. Vapours can form explosive mixtures with air. No risks worthy of mention. Please observe the information on the safety data sheet at all times.

#### 5.3. Advice for firefighters

In case of fire: Wear self-contained breathing apparatus.

### **Additional information**

Use water spray jet to protect personnel and to cool endangered containers. Collect contaminated fire extinguishing water separately. Do not allow entering drains or surface water.

## **SECTION 6: Accidental release measures**

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

## General measures

none

## 6.2. Environmental precautions

Do not allow to enter into surface water or drains.

# 6.3. Methods and material for containment and cleaning up

## Other information

Absorb with liquid-binding material (e.g. sand, diatomaceous earth, acid- or universal binding agents). Treat the recovered material as prescribed in the section on waste disposal.

## 6.4. Reference to other sections

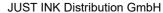
Safe handling: see section 7

Personal protection equipment: see section 8

Disposal: see section 13 No special environmental protection measures are necessary.

## **SECTION 7: Handling and storage**

### 7.1. Precautions for safe handling





according to Regulation (EC) No 1907/2006

## **JUST INK Basic Orange**

Revision date: 20.01.2022 Product code: 27175 Page 3 of 11

### Advice on safe handling

No special technical protective measures are necessary.

## Advice on protection against fire and explosion

Non-combustible liquids

## Further information on handling

No special handling advices are necessary.

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

### Requirements for storage rooms and vessels

Keep container tightly closed. storage temperature: 5°C - 35°C

### Hints on joint storage

No special measures are necessary.

### 7.3. Specific end use(s)

Observe instructions for use.

## **SECTION 8: Exposure controls/personal protection**

### 8.1. Control parameters

### Occupational exposure limits

CAS No	Substance	ppm	mg/m³	fib/cm³	Category	Origin
64-17-5	Ethanol	1000	-		STEL (15 min)	
78-93-3	Methyl ethyl ketone (MEK) (Butan-2-one)	200	600		TWA (8 h)	
		300	900		STEL (15 min)	
57-55-6	Propane-1,2-diol, total (vapour and particulates)	150	470		TWA (8 h)	

## **Biological limit values**

CAS No	Substance	Parameter	Value	Test material	Sampling time
78-93-3	Butan-2-one	Butan-2-one	70 µmol/L	Urine	Post shift



according to Regulation (EC) No 1907/2006

# **JUST INK Basic Orange**

Revision date: 20.01.2022 Product code: 27175 Page 4 of 11

## **DNEL/DMEL values**

CAS No	Substance						
DNEL type		Exposure route	Effect	Value			
57-55-6	Propylenglycol-1,2						
Worker DNEL,	long-term	inhalation	systemic	168 mg/m³			
Worker DNEL,	long-term	inhalation	local	10 mg/m³			
Consumer DNE	EL, long-term	inhalation	systemic	50 mg/m³			
Consumer DNE	EL, long-term	inhalation	local	10 mg/m³			
64-17-5	ethanol; ethyl alcohol						
Worker DNEL, long-term		inhalation	systemic	950 mg/m³			
Worker DNEL, long-term		dermal	systemic	343 mg/kg bw/day			
Consumer DNE	Consumer DNEL, long-term		systemic	114 mg/m³			
Consumer DNE	EL, long-term	dermal	systemic	206 mg/kg bw/day			
Consumer DNE	EL, long-term	oral	systemic	87 mg/kg bw/day			
78-93-3	butanone; ethyl methyl ketone						
Worker DNEL,	long-term	inhalation	systemic	600 mg/m³			
Worker DNEL, long-term		dermal	systemic	1161 mg/kg bw/day			
Consumer DNEL, long-term		inhalation	systemic	106 mg/m³			
Consumer DNE	EL, long-term	dermal	systemic	412 mg/kg bw/day			
Consumer DNE	EL, long-term	oral	systemic	31 mg/kg bw/day			



according to Regulation (EC) No 1907/2006

## **JUST INK Basic Orange**

Revision date: 20.01.2022 Product code: 27175 Page 5 of 11

### **PNEC values**

CAS No	Substance			
Environmen	tal compartment	Value		
57-55-6	Propylenglycol-1,2			
Freshwater		260 mg/l		
Freshwater	Freshwater (intermittent releases)			
Marine wate	26 mg/l			
Freshwater	sediment	572 mg/kg		
Marine sedii	ment	57,2 mg/kg		
Micro-organ	isms in sewage treatment plants (STP)	20000 mg/l		
Soil		50 mg/kg		
64-17-5	ethanol; ethyl alcohol			
Freshwater	0,96 mg/l			
Freshwater	2,75 mg/l			
Marine wate	0,79 mg/l			
Freshwater	3,6 mg/kg			
Marine sedi	ment	2,9 mg/kg		
Secondary p	poisoning	380 mg/kg		
Micro-organ	isms in sewage treatment plants (STP)	580 mg/l		
Soil		0,63 mg/kg		
78-93-3	butanone; ethyl methyl ketone			
Freshwater		55,8 mg/l		
Freshwater	(intermittent releases)	55,8 mg/l		
Marine wate	55,8 mg/l			
Freshwater	284,74 mg/kg			
Marine sedi	284,7 mg/kg			
Secondary p	1000 mg/kg			
Micro-organ	isms in sewage treatment plants (STP)	709 mg/l		
Soil		22,5 mg/kg		

#### Additional advice on limit values

Does not contain substances above concentration limits fixing an occupational exposure limit.

### 8.2. Exposure controls

## Appropriate engineering controls

If handled uncovered, arrangements with local exhaust ventilation have to be used. Do not breathe gas/fumes/vapour/spray.

### Protective and hygiene measures

Take off contaminated clothing. Wash hands before breaks and after work. When using do not eat, drink, smoke, sniff.

# Eye/face protection

Wear eye/face protection. Eye protection: not required.

## **Hand protection**

When handling with chemical substances, protective gloves must be worn with the CE-label including the four control digits. The quality of the protective gloves resistant to chemicals must be chosen as a function of the specific working place concentration and quantity of hazardous substances. For special purposes, it is recommended to check the resistance to chemicals of the protective gloves mentioned above together with the





according to Regulation (EC) No 1907/2006

## **JUST INK Basic Orange**

Revision date: 20.01.2022 Product code: 27175 Page 6 of 11

supplier of these gloves. Hand protection: not required.

Skin protection

. Body protection: not required.

## **Respiratory protection**

In case of inadequate ventilation wear respiratory protection. With correct and proper use, and under normal conditions, breathing protection is not required.

## **SECTION 9: Physical and chemical properties**

## 9.1. Information on basic physical and chemical properties

Physical state: liquid
Colour: orange
Odour: characteristic

Test method

pH-Value (at 20 °C): 7,5 - 8,5 ISO 4316

Changes in the physical state

Melting point:

Boiling point or initial boiling point and

No data available
64,7 °C

boiling range:

Sublimation point:

Softening point:

No data available

No data available

Pour point:

No data available

No data available

Flash point:

59,7 °C

Sustaining combustion: Not sustaining combustion UN Test L.2

**Flammability** 

Solid/liquid: No data available
Gas: No data available

**Explosive properties** 

The product is not: Explosive.

Lower explosion limits: 1,22 vol. % Upper explosion limits: 19 vol. %

Auto-ignition temperature: 360 °C DIN 51794

Self-ignition temperature

Solid: No data available
Gas: No data available
Decomposition temperature: not determined

**Oxidizing properties** 

Alcohol

Vapour pressure: 23 hPa

(at 20 °C)

Vapour pressure: 123 hPa

(at 50 °C)

Density (at 20 °C): 1,1 g/cm³
Bulk density: No data available

Water solubility: No data available OECD 116

Solubility in other solvents

No data available

Partition coefficient n-octanol/water: No data available



according to Regulation (EC) No 1907/2006

## **JUST INK Basic Orange**

Revision date: 20.01.2022 Product code: 27175 Page 7 of 11

Viscosity / dynamic:

Viscosity / kinematic:

No data available

Flow time:

No data available

Relative vapour density:

No data available

Evaporation rate:

No data available

Solvent separation test:

No data available

Solvent content:

4,52 %, water: 39,78 %

9.2. Other information

Solid content: 33,77 %

No data available

### **SECTION 10: Stability and reactivity**

#### 10.1. Reactivity

No data available

## 10.2. Chemical stability

The product is stable under storage at normal ambient temperatures.

## 10.3. Possibility of hazardous reactions

No data available

## 10.4. Conditions to avoid

No data available

### 10.5. Incompatible materials

No data available

### 10.6. Hazardous decomposition products

No known hazardous decomposition products.

### **SECTION 11: Toxicological information**

## 11.1. Information on hazard classes as defined in Regulation (EC) No 1272/2008

### Toxicocinetics, metabolism and distribution

No information available.

### **Acute toxicity**

Based on available data, the classification criteria are not met. There are no data available on the preparation/mixture itself.

CAS No	Chemical name	hemical name								
	Exposure route	Dose		Species	Source	Method				
100-51-6	benzyl alcohol									
	oral	LD50 mg/kg	1230	Rat	GESTIS					
	inhalation vapour	ATE	11 mg/l							
	inhalation aerosol	ATE	1.5 ma/l							

## Irritation and corrosivity

Based on available data, the classification criteria are not met.

Not an irritant.

## Sensitising effects

Based on available data, the classification criteria are not met. not sensitising.





according to Regulation (EC) No 1907/2006

## **JUST INK Basic Orange**

Revision date: 20.01.2022 Product code: 27175 Page 8 of 11

### Carcinogenic/mutagenic/toxic effects for reproduction

Based on available data, the classification criteria are not met.

No indications of human carcinogenicity exist.

No indications of human germ cell mutagenicity exist.

No indications of human reproductive toxicity exist.

#### STOT-single exposure

Based on available data, the classification criteria are not met.

No information available.

#### STOT-repeated exposure

Based on available data, the classification criteria are not met.

No information available.

#### **Aspiration hazard**

Based on available data, the classification criteria are not met.

No information available.

### Specific effects in experiment on an animal

The components in this formulation do not meet the criteria for classification as CMR category 1 or 2.

#### Additional information on tests

This mixture is classified as not hazardous according to regulation (EC) 1272/2008 [CLP]. The classification was carried out according to the calculation method of the Preparations Directive (1999/45/EC).

## **Practical experience**

No information available.

### 11.2. Information on other hazards

#### Other information

No information available.

#### **Further information**

Summarized evaluation of the CMR properties: The components in this formulation do not meet the criteria for classification as CMR category 1 or 2.

## **SECTION 12: Ecological information**

#### 12.1. Toxicity

Technically correct releases of minimal concentrations to adapted biological sewage treatment facility, will not disturb the biodegradability of activated sludge.

## 12.2. Persistence and degradability

No data available

## 12.3. Bioaccumulative potential

No data available

## Partition coefficient n-octanol/water

CAS No	Chemical name	Log Pow
100-51-6	benzyl alcohol	1,05

## 12.4. Mobility in soil

No data available

## 12.5. Results of PBT and vPvB assessment

No data available

### 12.7. Other adverse effects

No data available

#### **Further information**

Avoid release to the environment.



according to Regulation (EC) No 1907/2006

## **JUST INK Basic Orange**

Revision date: 20.01.2022 Product code: 27175 Page 9 of 11

### **SECTION 13: Disposal considerations**

### 13.1. Waste treatment methods

### **Disposal recommendations**

Do not allow to enter into surface water or drains. Dispose of waste according to applicable legislation.

#### List of Wastes Code - residues/unused products

200128

MUNICIPAL WASTES (HOUSEHOLD WASTE AND SIMILAR COMMERCIAL, INDUSTRIAL AND INSTITUTIONAL WASTES) INCLUDING SEPARATELY COLLECTED FRACTIONS; separately collected fractions (except 15 01); paint, inks, adhesives and resins other than those mentioned in 20 01 27

## List of Wastes Code - used product

200128

MUNICIPAL WASTES (HOUSEHOLD WASTE AND SIMILAR COMMERCIAL, INDUSTRIAL AND INSTITUTIONAL WASTES) INCLUDING SEPARATELY COLLECTED FRACTIONS; separately collected fractions (except 15 01); paint, inks, adhesives and resins other than those mentioned in 20 01 27

#### List of Wastes Code - contaminated packaging

200128

MUNICIPAL WASTES (HOUSEHOLD WASTE AND SIMILAR COMMERCIAL, INDUSTRIAL AND INSTITUTIONAL WASTES) INCLUDING SEPARATELY COLLECTED FRACTIONS; separately collected fractions (except 15 01); paint, inks, adhesives and resins other than those mentioned in 20 01 27

### Contaminated packaging

Wash with plenty of water. Completely emptied packages can be recycled.

## **SECTION 14: Transport information**

### Land transport (ADR/RID)

14.1. UN number:No dangerous good in sense of this transport regulation.14.2. UN proper shipping name:No dangerous good in sense of this transport regulation.14.3. Transport hazard class(es):No dangerous good in sense of this transport regulation.14.4. Packing group:No dangerous good in sense of this transport regulation.

### Other applicable information (land transport)

No dangerous good in sense of this transport regulation.

Not restricted

### Inland waterways transport (ADN)

14.1. UN number:No dangerous good in sense of this transport regulation.14.2. UN proper shipping name:No dangerous good in sense of this transport regulation.14.3. Transport hazard class(es):No dangerous good in sense of this transport regulation.14.4. Packing group:No dangerous good in sense of this transport regulation.

# Other applicable information (inland waterways transport)

Not restricted

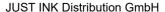
#### Marine transport (IMDG)

14.1. UN number:No dangerous good in sense of this transport regulation.14.2. UN proper shipping name:No dangerous good in sense of this transport regulation.14.3. Transport hazard class(es):No dangerous good in sense of this transport regulation.14.4. Packing group:No dangerous good in sense of this transport regulation.

## Other applicable information (marine transport)

Not restricted

# Air transport (ICAO-TI/IATA-DGR)





according to Regulation (EC) No 1907/2006

### **JUST INK Basic Orange**

Revision date: 20.01.2022 Product code: 27175 Page 10 of 11

14.1. UN number:No dangerous good in sense of this transport regulation.14.2. UN proper shipping name:No dangerous good in sense of this transport regulation.14.3. Transport hazard class(es):No dangerous good in sense of this transport regulation.14.4. Packing group:No dangerous good in sense of this transport regulation.

### Other applicable information (air transport)

No dangerous good in sense of this transport regulation.

Not restricted

#### 14.5. Environmental hazards

ENVIRONMENTALLY HAZARDOUS: No

#### 14.6. Special precautions for user

No

#### 14.7. Maritime transport in bulk according to IMO instruments

Nο

## **SECTION 15: Regulatory information**

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

### **EU** regulatory information

2010/75/EU (VOC): 17,924 % (197,165 g/l) 2004/42/EC (VOC): 19,449 % (213,937 g/l)

Information according to 2012/18/EU Not subject to 2012/18/EU (SEVESO III)

(SEVESO III):

#### **Additional information**

Mixture for use in tattoos. Annex XVII to Regulation (EC) No 1907/2006, 75.

## National regulatory information

Water hazard class (D): 1 - slightly hazardous to water

### 15.2. Chemical safety assessment

Chemical safety assessments for substances in this mixture were not carried out.

## **SECTION 16: Other information**

#### Changes

Safety Data Sheet according to Regulation (EC) No. 1907/2006 (REACH) Validity period: EC member states, Switzerland, Turkey, Russia, Croatia

## Abbreviations and acronyms

CLP: Classification, labelling and Packaging

REACH: Registration, Evaluation and Authorization of Chemicals

GHS: Globally Harmonised System of Classification, Labelling and Packaging of Chemicals

**UN: United Nations** 

CAS: Chemical Abstracts Service
DNEL: Derived No Effect Level
DMEL: Derived Minimal Effect Level
PNEC: Predicted No Effect Concentration

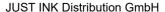
ATE: Acute toxicity estimate LC50: Lethal concentration, 50%

LD50: Lethal dose, 50% LL50: Lethal loading, 50%

EL50: Effect loading, 50%

EC50: Effective Concentration 50%

ErC50: Effective Concentration 50%, growth rate





according to Regulation (EC) No 1907/2006

## **JUST INK Basic Orange**

Revision date: 20.01.2022 Product code: 27175 Page 11 of 11

NOFC: No Observed Effect Concentration

BCF: Bio-concentration factor

PBT: persistent, bioaccumulative, toxic vPvB: very persistent, very bioaccumulative

ADR: Accord européen sur le transport des marchandises dangereuses par Route

(European Agreement concerning the International Carriage of Dangerous Goods by Road)

RID: Regulations concerning the international carriage of dangerous goods by rail

ADN: European Agreement concerning the International Carriage of Dangerous Goods by Inland Waterways (Accord européen relatif au transport international des marchandises dangereuses par voies de navigation

intérieures)

IMDG: International Maritime Code for Dangerous Goods

EmS: Emergency Schedules MFAG: Medical First Aid Guide

IATA: International Air Transport Association ICAO: International Civil Aviation Organization

MARPOL: International Convention for the Prevention of Marine Pollution from Ships

IBC: Intermediate Bulk Container VOC: Volatile Organic Compounds SVHC: Substance of Very High Concern

#### Relevant H and EUH statements (number and full text)

H302 Harmful if swallowed. H332 Harmful if inhaled.

#### **Further Information**

The information is based on the present level of our knowledge. It does not, however, give assurance of product properties and establishes no contract legal rights. The receiver of our product is singularly responsible for adhering to existing laws and regulations.

### **Identified uses**

No	Short title	LCS	SU	PC	PROC	ERC	AC	TF	Specification
1	tattoo ink	PW	-	18	20	-	-	-	1

PC: Product categories ERC: Environmental release categories

PROC: Process categories AC: Article categories

SU: Sectors of use

TF: Technical functions

LCS: Life cycle stages

(The data for the hazardous ingredients were taken respectively from the last version of the sub-contractor's safety data sheet.)