

# Java

## Safety Data Sheet

according to Federal Register / Vol. 77, No. 58 / Monday, March 26, 2012 / Rules and Regulations  
Issue date: 07.08.2023 Version: 1.0

### SECTION 1: Identification

#### 1.1. Identification

Product form : Mixture  
Product name : Java  
Product code : LXJA

#### 1.2. Recommended use and restrictions on use

No additional information available

#### 1.3. Supplier

Ink Projects LLC  
460 Greenway Industrial Drive, Suite A  
Fort Mill, SC, 29708

#### 1.4. Emergency telephone number

Emergency number : +1-813-248-0585. In case of emergency search for territorial toxicological emergency number or call 112

Country	Organization/Company	Address	Emergency number	Comment
Algeria		Algiers		
Australia		Westmead		
Austria		Vienna		
Belarus		Minsk		
Belgium		Brussels		Please dial: 070 245 245 for any urgent questions about intoxication (free of charge 24/7), if not accessible, dial: 02 264 96 30 (standard fee)
Bulgaria		Sofia		The phone is active 24/7 and calls to it are free
Croatia		Zagreb		Information available 24/7 in Croatian and English
Cyprus		Nicosia		Operating hours 24 hours / 24 hours, 7 days a week
Czech Republic		Prague		and only in the event of a malfunction, phone 725 103 658 (otherwise there may not be a toxicologist on this phone!) Questions about ACUTE INTOXICATION of people and animals are dealt with exclusively on TIS direct telephone lines 24 hours a day
Denmark		Copenhagen		

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Country	Organization/Company	Address	Emergency number	Comment
Estonia		Tallinn		Calling the hotline is anonymous and at the cost of a local call.
Finland		Helsinki		Open 24 hours a day 0800 147 111 (free of charge) 09 471 977 (normal rate call)
France	Centre antipoison d'Angers	Angers Cedex 9		
Germany		Berlin		
Greece		Athens		
Hungary		Budapest		Emergency number 1: (0-24 hours, free of charge - only from Hungary) Emergency number 2: (0-24 hours, can be called for a normal fee - also from abroad)
Iceland		Reykjavik		Around the clock, every day
Ireland		Dublin		
Israel		Haifa		
Italy		Bergamo	+39 800 88 33 00	
Jordan		Amman		
Kazakhstan		Almaty		
Latvia		Riga		works 24 hours a day
Lithuania		Vilnius	+370 (85) 236 20 52	
Luxembourg		Brussels		Free telephone number with a 24/7 access. Experts answer all urgency questions on dangerous products in French, or German
Malta		Msida Msida		
Mexico		Mexico City		
Morocco		Rabat		
Netherlands	Nationaal Vergiftigingen Informatie Centrum (NVIC)	Huispostnummer Q03.2.315 Utrecht		Only for the purpose of informing medical personnel in cases of acute intoxications
Norway		Folkehelseinstituttet Postboks 222 Skøyen 0213 Oslo		Operating hours 24 hours / 24 hours, 7 days a week
Poland		Gdańsk	+48 512 069 737	
Portugal		Lisbon		
Romania	Spitalul Clinic de Urgenta pentru Copii „Grigore Alexandrescu”	Bucharest		
Russia		Moscow		

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Country	Organization/Company	Address	Emergency number	Comment
Saudi Arabia		Riyadh		
Serbia		Belgrade		
Slovakia		Bratislava	+421 911 166 066	
Slovenia		Ljubljana		
Spain		Las Rozas de Madrid	+34 91 411 26 76 (teléfono solo para médicos)	(Toxicological emergencies only). Information in Spanish (24/7)
Sweden		Solna		
Switzerland		Zürich	+41 44 251 51 51	(from abroad: +41 44 251 51 51) non urgent inquiry: +41 44 251 66 66
Tunisia		Tunis		
Turkey	Ulusal Zehir Danışma Merkezi (UZEM) Halk Sağlığı Genel Müdürlüğü, T.C. Sağlık Bakanlığı	Sağlık Mahallesi Adnan Saygun Cad. No:55 Sıhhiye 06430 Ankara		Information is provided to public and medical personnel on poisoning incidents via 114.
United Arab Emirates		Abu Dhabi		
United Kingdom		Belfast		Only for healthcare professionals

## SECTION 2: Hazard(s) identification

### 2.1. Classification of the substance or mixture

#### GHS US classification

Not classified

### 2.2. GHS Label elements, including precautionary statements

#### GHS US labeling

No labeling applicable

### 2.3. Other hazards which do not result in classification

No additional information available

### 2.4. Unknown acute toxicity (GHS US)

No additional information available

## SECTION 3: Composition/Information on ingredients

### 3.1. Substances

Not applicable

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### 3.2. Mixtures

Name	Product identifier	%	GHS US classification
White 6 (CI:77891)	CAS-No.: 13463-67-7	15 – 25	Not classified
Glycerin	CAS-No.: 56-81-5	5 – 10	Not classified
TEA	CAS-No.: 102-71-6	1 – 5	Not classified
Ethoxylated Fatty Alcohols	CAS-No.: 9004-98-2	1 – 5	Acute Tox. 4 (Dermal), H312 Eye Dam. 1, H318 Aquatic Chronic 3, H412

Full text of hazard classes and H-statements : see section 16

## SECTION 4: First-aid measures

### 4.1. Description of first aid measures

No additional information available

### 4.2. Most important symptoms and effects (acute and delayed)

No additional information available

### 4.3. Immediate medical attention and special treatment, if necessary

No additional information available

## SECTION 5: Fire-fighting measures

### 5.1. Suitable (and unsuitable) extinguishing media

No additional information available

### 5.2. Specific hazards arising from the chemical

No additional information available

### 5.3. Special protective equipment and precautions for fire-fighters

No additional information available

## SECTION 6: Accidental release measures

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

#### 6.1.1. For non-emergency personnel

No additional information available

#### 6.1.2. For emergency responders

No additional information available

### 6.2. Environmental precautions

No additional information available

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

No additional information available

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### 6.4. Reference to other sections

No additional information available

## SECTION 7: Handling and storage

### 7.1. Precautions for safe handling

No additional information available

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

No additional information available

## SECTION 8: Exposure controls/personal protection

### 8.1. Control parameters

Java	
No additional information available	
Ethoxylated Fatty Alcohols (9004-98-2)	
No additional information available	
Glycerin (56-81-5)	
USA - OSHA - Occupational Exposure Limits	
Local name	Glycerin (mist)
OSHA PEL TWA [1]	15 mg/m <sup>3</sup> (Total dust) 5 mg/m <sup>3</sup> (Respirable fraction)
Regulatory reference (US-OSHA)	OSHA Annotated Table Z-1
TEA (102-71-6)	
USA - ACGIH - Occupational Exposure Limits	
Local name	Triethanolamine
ACGIH OEL TWA	5 mg/m <sup>3</sup>
Remark (ACGIH)	TLV® Basis: Eye & skin irr
Regulatory reference	ACGIH 2021
White 6 (CI:77891) (13463-67-7)	
USA - ACGIH - Occupational Exposure Limits	
Local name	Titanium dioxide
ACGIH OEL TWA	10 mg/m <sup>3</sup>
Remark (ACGIH)	TLV® Basis: LRT irr. Notations: A4 (Not classifiable as a Human Carcinogen)
Regulatory reference	ACGIH 2021
USA - OSHA - Occupational Exposure Limits	
Local name	Titanium dioxide (Total dust)
OSHA PEL TWA [1]	15 mg/m <sup>3</sup>
Regulatory reference (US-OSHA)	OSHA Annotated Table Z-1

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### 8.2. Appropriate engineering controls

No additional information available

### 8.3. Individual protection measures/Personal protective equipment

No additional information available

## SECTION 9: Physical and chemical properties

### 9.1. Information on basic physical and chemical properties

Physical state	: Liquid
Appearance	: Liquid.
Color	: brown
Odor	: Characteristic odour
Odor threshold	: No data available
pH	: 7,5 – 8,5
Melting point	: No data available
Freezing point	: No data available
Boiling point	: > 100 °C
Flash point	: > 93 °C
Relative evaporation rate (butyl acetate=1)	: No data available
Flammability (solid, gas)	: No data available
Vapor pressure	: No data available
Relative vapor density at 20°C	: No data available
Particle size	: < 1 µm
Relative density	: No data available
Solubility	: No data available
Partition coefficient n-octanol/water (Log Pow)	: No data available
Auto-ignition temperature	: No data available
Decomposition temperature	: No data available
Viscosity, kinematic	: No data available
Viscosity, dynamic	: No data available
Explosion limits	: No data available
Explosive properties	: No data available
Oxidizing properties	: No data available

#### Ethoxylated Fatty Alcohols (9004-98-2)

Boiling point	> 100 °C
Flash point	> 149 °C
Vapor pressure	< 1 Pa Temp.: 20 °C

#### Glycerin (56-81-5)

Boiling point	290 °C (1013 hPa)
Flash point	199 °C (Closed cup, 1013 hPa, ISO 2719: Flash point (Pensky-Martens))
Auto-ignition temperature	370 °C (T2)
Vapor pressure	< 0,01 hPa (20 °C)
Particle size	Not applicable (liquid)

#### TEA (102-71-6)

Boiling point	336 °C (1013 hPa)
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TEA (102-71-6)	
Flash point	179 °C (Closed cup, 1013 hPa)
Auto-ignition temperature	324 °C (1013 hPa, T2)
Vapor pressure	0,019 hPa (20 °C)
Particle size	Not applicable (liquid)

White 6 (CI:77891) (13463-67-7)	
Boiling point	3000 °C (1013 hPa)
Flash point	Not applicable
Auto-ignition temperature	Not applicable
Vapor pressure	Not applicable (solid)
Particle size	94 – 99 µm (D10, DIN EN 481)

### 9.2. Other information

No additional information available

## SECTION 10: Stability and reactivity

### 10.1. Reactivity

No additional information available

### 10.2. Chemical stability

No additional information available

### 10.3. Possibility of hazardous reactions

No additional information available

### 10.4. Conditions to avoid

No additional information available

### 10.5. Incompatible materials

No additional information available

### 10.6. Hazardous decomposition products

No additional information available

## SECTION 11: Toxicological information

### 11.1. Information on toxicological effects

Acute toxicity (oral) : Not classified  
Acute toxicity (dermal) : Not classified  
Acute toxicity (inhalation) : Not classified

Ethoxylated Fatty Alcohols	
ATE US (dermal)	2000 mg/kg body weight

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<b>Glycerin</b>	
LD50 dermal	56750 mg/kg (4 day(s), Experimental value, Dermal, 14 day(s))
ATE US (oral)	27200 mg/kg body weight
ATE US (dermal)	56750 mg/kg body weight
<b>TEA</b>	
ATE US (oral)	6400 mg/kg body weight
Skin corrosion/irritation	: Not classified pH: 7,5 – 8,5
Serious eye damage/irritation	: Not classified pH: 7,5 – 8,5
Respiratory or skin sensitization	: Not classified
Germ cell mutagenicity	: Not classified
Carcinogenicity	: Not classified
<b>TEA (102-71-6)</b>	
IARC group	3 - Not classifiable
<b>White 6 (CI:77891) (13463-67-7)</b>	
IARC group	2B - Possibly carcinogenic to humans
Reproductive toxicity	: Not classified
STOT-single exposure	: Not classified
STOT-repeated exposure	: Not classified
Aspiration hazard	: Not classified
Viscosity, kinematic	: No data available
<b>Ethoxylated Fatty Alcohols (9004-98-2)</b>	
Viscosity, kinematic	21,053 mm <sup>2</sup> /s
<b>Glycerin (56-81-5)</b>	
Viscosity, kinematic	No data available in the literature
<b>TEA (102-71-6)</b>	
Viscosity, kinematic	830,2 mm <sup>2</sup> /s (20 °C, Equivalent or similar to OECD 114)
<b>White 6 (CI:77891) (13463-67-7)</b>	
Viscosity, kinematic	Not applicable (solid)

## SECTION 12: Ecological information

### 12.1. Toxicity

No additional information available

### 12.2. Persistence and degradability

<b>Ethoxylated Fatty Alcohols (9004-98-2)</b>	
Not rapidly degradable	
Persistence and degradability	Readily biodegradable in water.
Chemical oxygen demand (COD)	2,33 g O <sub>2</sub> /g substance



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<b>Glycerin (56-81-5)</b>	
Not rapidly degradable	
Persistence and degradability	Readily biodegradable in water.
Biochemical oxygen demand (BOD)	0,87 g O <sub>2</sub> /g substance
Chemical oxygen demand (COD)	1,16 g O <sub>2</sub> /g substance
ThOD	1,217 g O <sub>2</sub> /g substance
<b>TEA (102-71-6)</b>	
Not rapidly degradable	
Persistence and degradability	Biodegradable in the soil. No inhibition of nitrification. Readily biodegradable in water.
Biochemical oxygen demand (BOD)	0,02 g O <sub>2</sub> /g substance
Chemical oxygen demand (COD)	1,5 g O <sub>2</sub> /g substance
ThOD	2,04 g O <sub>2</sub> /g substance
BOD (% of ThOD)	0,02
<b>White 6 (Cl:77891) (13463-67-7)</b>	
Not rapidly degradable	
Persistence and degradability	Biodegradability: not applicable.
Chemical oxygen demand (COD)	Not applicable (inorganic)
ThOD	Not applicable (inorganic)
<b>12.3. Bioaccumulative potential</b>	
<b>Ethoxylated Fatty Alcohols (9004-98-2)</b>	
Bioaccumulative potential	No bioaccumulation data available.
<b>Glycerin (56-81-5)</b>	
Bioaccumulative potential	Not bioaccumulative.
<b>TEA (102-71-6)</b>	
Bioaccumulative potential	Low potential for bioaccumulation (BCF < 500).
<b>White 6 (Cl:77891) (13463-67-7)</b>	
Bioaccumulative potential	Not bioaccumulative.
<b>12.4. Mobility in soil</b>	
<b>Glycerin (56-81-5)</b>	
Surface tension	63,4 mN/m (20 °C, 1000 g/l)
Organic Carbon Normalized Adsorption Coefficient (Log Koc)	0 (log Koc, SRC PCKOCWIN v2.0, Calculated value)
Ecology - soil	Highly mobile in soil.
<b>TEA (102-71-6)</b>	
Organic Carbon Normalized Adsorption Coefficient (Log Koc)	1,06 – 1,27 (log Koc, SRC PCKOCWIN v1.66, Calculated value)

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TEA (102-71-6)	
Ecology - soil	Highly mobile in soil.
White 6 (Cl:77891) (13463-67-7)	
Surface tension	No data available in the literature
Ecology - soil	Low potential for mobility in soil.

### 12.5. Other adverse effects

No additional information available

## SECTION 13: Disposal considerations

### 13.1. Disposal methods

No additional information available

## SECTION 14: Transport information

In accordance with DOT / TDG / IMDG / IATA

DOT	TDG	IMDG	IATA
14.1. UN number			
Not regulated for transport			
14.2. Proper Shipping Name			
Not regulated	Not regulated	Not regulated	Not regulated
14.3. Transport hazard class(es)			
Not regulated	Not regulated	Not regulated	Not regulated
14.4. Packing group			
Not regulated	Not regulated	Not regulated	Not regulated
14.5. Environmental hazards			
Not regulated	Not regulated	Not regulated	Not regulated
No supplementary information available			

### 14.6. Special precautions for user

#### DOT

Not regulated

#### TDG

Not regulated

#### IMDG

Not regulated

#### IATA

Not regulated

### 14.7. Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code

Not applicable

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### SECTION 15: Regulatory information

#### 15.1. US Federal regulations

All components of this product are present and listed as Active on the United States Environmental Protection Agency Toxic Substances Control Act (TSCA) inventory

#### 15.2. International regulations

##### CANADA

##### Ethoxylated Fatty Alcohols (9004-98-2)

Listed on the Canadian DSL (Domestic Substances List)

##### Glycerin (56-81-5)

Listed on the Canadian DSL (Domestic Substances List)

##### TEA (102-71-6)

Listed on the Canadian DSL (Domestic Substances List)

##### White 6 (CI:77891) (13463-67-7)

Listed on the Canadian DSL (Domestic Substances List)

##### EU-Regulations

No additional information available

##### National regulations

##### Ethoxylated Fatty Alcohols (9004-98-2)

Listed on INSQ (Mexican National Inventory of Chemical Substances)

##### Glycerin (56-81-5)

Listed on INSQ (Mexican National Inventory of Chemical Substances)

##### TEA (102-71-6)

Listed on INSQ (Mexican National Inventory of Chemical Substances)

##### White 6 (CI:77891) (13463-67-7)

Listed on IARC (International Agency for Research on Cancer)  
Listed on INSQ (Mexican National Inventory of Chemical Substances)

#### 15.3. US State regulations

California Proposition 65 - This product does not contain any substances known to the state of California to cause cancer, developmental and/or reproductive harm

### SECTION 16: Other information

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Full text of H-phrases	
H312	Harmful in contact with skin
H318	Causes serious eye damage
H412	Harmful to aquatic life with long lasting effects

Safety Data Sheet (SDS), USA

This information is based on our current knowledge and is intended to describe the product for the purposes of health, safety and environmental requirements only. It should not therefore be construed as guaranteeing any specific property of the product.