

**Section 1: IDENTIFICATION OF THE SUBSTANCE/MIXTURE AND OF THE COMPANY/UNDERTAKING**

**Product identifier**

**Product Code(s)** TSK250003  
**Product name** Sirius Black Ink  
**Substance or Preparation** Preparation  
 Contains Methyl alcohol, Butyrolactone

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

**Recommended Use** ink  
**Uses advised against** No information available

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

**Manufacturer:**

Collins Inkjet Corporation  
 1201 Edison Drive  
 Cincinnati, Ohio 45216  
 PH: 513-948-9000  
 Info@collinsinkjet.com  
 For further information, please contact

**Emergency telephone number** Chemtrec 1-800-424-9300

**Section 2: HAZARDS IDENTIFICATION**

**Classification of the substance or mixture**

Regulation (EC) No 1272/2008

<b>Acute toxicity - Oral</b>	Category 3 - (H301)
<b>Acute toxicity - Dermal</b>	Category 3 - (H311)
<b>Acute toxicity - Inhalation (Dusts/Mists)</b>	Category 3 - (H331)
<b>Serious eye damage/eye irritation</b>	Category 1 - (H318)
<b>Specific target organ toxicity (single exposure)</b>	Category 1 - (H370)
<b>Chronic aquatic toxicity</b>	Category 2 - (H411)
<b>Flammable Liquids</b>	Category 2 - (H225)

**Classification according to Directive 67/548/EEC or 1999/45/EC**

Full text of R-phrases: see section 16

**Symbol(s)**

F - Highly flammable  
 T - Toxic

**R-code(s)**

F;R11 - T;R39/23/24/25 - T;R23/24/25

**Label elements****Product identifier**

Contains Methyl alcohol, Butyrolactone

**Signal word**

DANGER

**Hazard statements**

H301 - Toxic if swallowed

H311 - Toxic in contact with skin

H318 - Causes serious eye damage

H331 - Toxic if inhaled

H370 - Causes damage to organs

H411 - Toxic to aquatic life with long lasting effects

H225 - Highly flammable liquid and vapor

**Precautionary Statements - EU (§28, 1272/2008)**

P301 + P310 - IF SWALLOWED: Immediately call a POISON CENTER or doctor/physician

P280 - Wear protective gloves/protective clothing/eye protection/face protection

P322 - Specific measures (see supplemental first aid instructions on this label)

P403 + P233 - Store in a well-ventilated place. Keep container tightly closed

P280 - Wear eye protection/ face protection

P305 + P351 + P338 - IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing

P310 - Immediately call a POISON CENTER or doctor/physician

P307 + P311 - IF exposed: Call a POISON CENTER or doctor/physician

P321 - Specific treatment (see supplemental first aid instructions on this label)

P260 - Do not breathe dust/fume/gas/mist/vapors/spray

P309 - IF exposed or if you feel unwell:

P370 + P378 - In case of fire: Use dry sodium carbonate to extinguish

P210 - Keep away from heat/sparks/open flames/hot surfaces. — No smoking

**Other Hazards**

Toxic to aquatic life.

**Section 3: COMPOSITION/INFORMATION ON INGREDIENTS****3.1 Substances**

Not Applicable

**3.2 Mixtures**

Chemical name	EC No	CAS-No	Weight %	Classification	Classification according to Regulation (EC) No. 1272/2008 [CLP]	REACH Reg. No
Methyl alcohol	EEC No. Present	67-56-1	35 - 60	F; R11 T; R23/24/25-39/23/24/25	Acute Tox. 3 (H301) Acute Tox. 3 (H311) Acute Tox. 3 (H331) STOT SE 1 (H370) Flam. Liq. 2 (H225)	No data available
Ethyl alcohol	EEC No. Present	64-17-5	10 - 35	F; R11	Flam. Liq. 2 (H225)	No data available

Ketone	Listed	-	1 - 5	F; R11 Xi; R36 R66 R67	Eye Irrit. 2 (H319) (EUH066) STOT SE 3 (H336) Flam. Liq. 2 (H225)	No data available
Ester	Listed	-	1 - 5	Xn;R22,R36	Acute Tox. 4 (H302) Eye Dam. 1 (H318) STOT SE 3 (H336)	No data available
Isopropyl alcohol	EEC No. Present	67-63-0	0.1 - <2	F; R11 Xi; R36 R67	Eye Irrit. 2 (H319) STOT SE 3 (H336) Flam. Liq. 2 (H225)	No data available

**Full text of R-phrases: see section 16**

**Full text of H- and EUH-phrases: see section 16**

**NOTE**

Remaining components are either not hazardous or below threshold limits.

## Section 4: FIRST AID MEASURES

### Description of first aid measures

**General advice**

Immediate medical attention is required. In case of accident or if you feel unwell, seek medical advice immediately (show the label where possible). If symptoms persist, call a physician.

**Inhalation**

Immediate medical attention is required. Remove to fresh air. If not breathing, give artificial respiration. Avoid direct contact with skin. Use barrier to give mouth-to-mouth resuscitation. If breathing is difficult, give oxygen. Move to fresh air in case of accidental inhalation of vapors. If symptoms persist, call a physician.

**IF ON SKIN**

Wash off immediately with plenty of water. Immediate medical attention is not required. Wash off immediately with soap and plenty of water while removing all contaminated clothes and shoes. If skin irritation persists, call a physician.

**Eye contact**

Keep eye wide open while rinsing. Immediately flush with plenty of water. After initial flushing, remove any contact lenses and continue flushing for at least 15 minutes. Call a physician immediately. Rinse thoroughly with plenty of water for at least 15 minutes and consult a physician. If symptoms persist, call a physician.

**Ingestion**

Never give anything by mouth to an unconscious person. Do NOT induce vomiting. Call a physician or poison control center immediately. Drink plenty of water. Clean mouth with water and afterwards drink plenty of water. Do not induce vomiting without medical advice. Consult a physician.

**Self-protection of the first aider**

Remove all sources of ignition. Use personal protective equipment as required.

**Most important symptoms and effects, both acute and delayed**

**Indication of any immediate medical attention and special treatment needed**

**Notes to Physician**

Treat symptomatically.

## Section 5: FIRE FIGHTING MEASURES

**Extinguishing media**

Suitable extinguishing media

Use. Carbon dioxide (CO<sub>2</sub>). Dry chemical. Water spray, fog or alcohol-resistant foam.

**Unsuitable extinguishing media**

No information available

**Special hazards arising from the substance or mixture**

Thermal decomposition can lead to release of irritating gases and vapors

**Advice for fire-fighters**

Wear self-contained breathing apparatus and protective suit. Use personal protective equipment.

## Section 6: ACCIDENTAL RELEASE MEASURES

**Personal precautions, protective equipment and emergency procedures****Personal precautions**

Remove all sources of ignition. Evacuate personnel to safe areas. Ensure adequate ventilation. Use personal protective equipment as required. Keep people away from and upwind of spill/leak.

**Advice for Emergency Responders**

Use personal protection recommended in Section 8.

**Environmental Precautions**

Prevent further leakage or spillage if safe to do so. Prevent product from entering drains. Do not flush into surface water or sanitary sewer system.

**Methods and material for containment and cleaning up****Methods for containment**

Prevent further leakage or spillage if safe to do so. Cover powder spill with plastic sheet or tarp to minimize spreading. Dike far ahead of liquid spill for later disposal.

**Methods for cleaning up**

Dam up. Soak up with inert absorbent material (e.g. sand, silica gel, acid binder, universal binder, sawdust). Pick up and transfer to properly labeled containers. Soak up with inert absorbent material.

**Reference to other sections**

See section 7 for more information.

## Section 7: HANDLING AND STORAGE

**Precautions for safe handling****Handling**

Ensure adequate ventilation. Keep away from open flames, hot surfaces and sources of ignition. Take precautionary measures against static discharges. Use only in an area containing flame proof equipment. To avoid ignition of vapors by static electricity discharge, all metal parts of the equipment must be grounded. Avoid contact with skin, eyes and clothing. Do not eat, drink or smoke when using this product. Use with local exhaust ventilation. Use personal protective equipment as required. Do not breathe dust/fume/gas/mist/vapors/spray.

**Hygiene Measures**

When using do not eat or drink. Regular cleaning of equipment, work area and clothing is recommended.

**Conditions for safe storage, including any incompatibilities****Storage**

Keep tightly closed in a dry and cool place. Keep in properly labeled containers. Keep containers tightly closed in a cool, well-ventilated place.

**Specific end use(s)****Risk Management Methods (RMM)**

The information required is contained in this Safety Data Sheet.

**Section 8: EXPOSURE CONTROLS/PERSONAL PROTECTION****Control parameters**

Chemical name	Eu	United Kingdom	France	Spain	Germany
Methyl alcohol 67-56-1	TWA: 200 ppm TWA: 260 mg/m <sup>3</sup>	STEL: 250 ppm STEL: 333 mg/m <sup>3</sup> TWA: 200 ppm TWA: 266 mg/m <sup>3</sup> Skin	TWA: 200 ppm TWA: 260 mg/m <sup>3</sup> STEL: 1000 ppm STEL: 1300 mg/m <sup>3</sup>	S* VLA-ED: 200 ppm VLA-ED; 266 mg/m <sup>3</sup> VLA-ED	TWA: 200 ppm TWA: 270 mg/m <sup>3</sup> Ceiling / Peak: 800 ppm Ceiling / Peak: 1080 mg/m <sup>3</sup>
Ethyl alcohol 64-17-5		TWA: 1000 ppm TWA: 1920 mg/m <sup>3</sup>	TWA: 1000 ppm TWA: 1900 mg/m <sup>3</sup> STEL: 5000 ppm STEL: 9500 mg/m <sup>3</sup>	VLA-ED: 1000 ppm VLA-ED; 1910 mg/m <sup>3</sup> VLA-ED	TWA: 500 ppm TWA: 960 mg/m <sup>3</sup> Ceiling / Peak: 1000 ppm Ceiling / Peak: 1920 mg/m <sup>3</sup>
Ketone		STEL: 1500 ppm STEL: 3620 mg/m <sup>3</sup> TWA: 1210 mg/m <sup>3</sup> TWA: 500 ppm	TWA: 500 ppm TWA: 1210 mg/m <sup>3</sup> STEL: 1000 ppm STEL: 2420 mg/m <sup>3</sup>	VLA-ED: 500 ppm VLA-ED; 1210 mg/m <sup>3</sup> VLA-ED	TWA: 500 ppm TWA: 1200 mg/m <sup>3</sup> Ceiling / Peak: 1000 ppm Ceiling / Peak: 2400 mg/m <sup>3</sup>
Isopropyl alcohol 67-63-0		STEL: 1250 mg/m <sup>3</sup> STEL: 500 ppm TWA: 400 ppm TWA: 999 mg/m <sup>3</sup>	STEL: 400 ppm STEL: 980 mg/m <sup>3</sup>	VLA-EC: 500 ppm VLA-EC; 1250 mg/m <sup>3</sup> VLA-EC VLA-ED: 400 ppm VLA-ED; 998 mg/m <sup>3</sup> VLA-ED	TWA: 200 ppm TWA: 500 mg/m <sup>3</sup> Ceiling / Peak: 400 ppm Ceiling / Peak: 1000 mg/m <sup>3</sup>
Chemical name	Italy	Portugal	Netherlands	Finland	Denmark
Methyl alcohol 67-56-1		STEL: 250 ppm TWA: 200 ppm	Skin STEL: 400 ppm STEL; 520 mg/m <sup>3</sup> STEL MAC: 200 ppm MAC; 260 mg/m <sup>3</sup> MAC	TWA: 270 mg/m <sup>3</sup> TWA: 200 ppm STEL: 250 ppm STEL: 330 mg/m <sup>3</sup> Skin	TWA: 200 ppm TWA: 260 mg/m <sup>3</sup> Skin
Ethyl alcohol 64-17-5		TWA: 1000 ppm	MAC: 500 ppm MAC; 1000 mg/m <sup>3</sup> MAC	TWA: 1900 mg/m <sup>3</sup> TWA: 1000 ppm STEL: 2500 mg/m <sup>3</sup> STEL: 1300 ppm	TWA: 1000 ppm TWA: 1900 mg/m <sup>3</sup>
Ketone	TWA: 1210 mg/m <sup>3</sup> TWA: 500 ppm	STEL: 750 ppm TWA: 500 ppm	STEL: 1004 ppm STEL; 2420 mg/m <sup>3</sup> STEL MAC: 502 ppm MAC; 1210 mg/m <sup>3</sup> MAC	TWA: 1200 mg/m <sup>3</sup> TWA: 500 ppm STEL: 630 ppm STEL: 1500 mg/m <sup>3</sup>	TWA: 250 ppm TWA: 600 mg/m <sup>3</sup>
Isopropyl alcohol 67-63-0		STEL: 500 ppm STEL: 400 ppm TWA: 200 ppm	MAC: 250 ppm MAC; 650 mg/m <sup>3</sup> MAC	TWA: 500 mg/m <sup>3</sup> TWA: 200 ppm STEL: 620 mg/m <sup>3</sup> STEL: 250 ppm	TWA: 200 ppm TWA: 490 mg/m <sup>3</sup>
Chemical name	Austria	Switzerland	Poland	Norway	Ireland
Methyl alcohol 67-56-1		STEL: 800 ppm STEL: 1040 mg/m <sup>3</sup>	NDSch: 300 mg/m <sup>3</sup> NDS: 100 mg/m <sup>3</sup> Skin	TWA: 100 ppm TWA: 130 mg/m <sup>3</sup> Skin STEL: 150 ppm STEL: 162.5 mg/m <sup>3</sup>	TWA: 200 ppm TWA: 260 mg/m <sup>3</sup> STEL: 250 ppm STEL: 310 mg/m <sup>3</sup> Skin
Ethyl alcohol	STEL 2000 ppm	STEL: 1000 ppm	NDS: 1900 mg/m <sup>3</sup>	TWA: 500 ppm	TWA: 1000 ppm

64-17-5	STEL; 3800 mg/m <sup>3</sup> STEL MAK: 1000 ppm MAK; 1900 mg/m <sup>3</sup> MAK	STEL: 1920 mg/m <sup>3</sup>		TWA: 950 mg/m <sup>3</sup> STEL: 1187.5 mg/m <sup>3</sup> STEL: 625 ppm	TWA: 1900 mg/m <sup>3</sup>
Ketone	STEL 2000 ppm STEL; 4800 mg/m <sup>3</sup> STEL MAK: 500 ppm MAK; 1200 mg/m <sup>3</sup> MAK	STEL: 1000 ppm STEL: 2400 mg/m <sup>3</sup>	NDSch: 1800 mg/m <sup>3</sup> NDS: 600 mg/m <sup>3</sup>	TWA: 125 ppm TWA: 295 mg/m <sup>3</sup> STEL: 156.25 ppm STEL: 368.75 mg/m <sup>3</sup>	TWA: 1210 mg/m <sup>3</sup> TWA: 500 ppm
Isopropyl alcohol 67-63-0	STEL 800 ppm STEL; 2000 mg/m <sup>3</sup> STEL MAK: 200 ppm MAK; 500 mg/m <sup>3</sup> MAK	STEL: 400 ppm STEL: 1000 mg/m <sup>3</sup>	NDSch: 1200 mg/m <sup>3</sup> NDS: 900 mg/m <sup>3</sup> Skin	TWA: 100 ppm TWA: 245 mg/m <sup>3</sup> STEL: 150 ppm STEL: 306.25 mg/m <sup>3</sup>	TWA: 200 ppm Skin

**Derived No Effect Level (DNEL)** No information available

**Predicted No Effect Concentration (PNEC)** No information available.

### Exposure controls

**Engineering Measures** Ensure adequate ventilation, especially in confined areas.

### **Personal Protective Equipment**

**Eye/Face Protection** Tight sealing safety goggles. Face protection shield.

**Hand protection** For operations where prolonged or repeated skin contact may occur, impervious gloves should be worn.

**Skin and body protection** For operations where prolonged or repeated skin contact may occur, impervious gloves should be worn. Antistatic boots. Wear fire/flame resistant/retardant clothing. Suitable protective clothing. Apron.

**Respiratory protection** If exposure limits are exceeded or irritation is experienced, NIOSH/MSHA approved respiratory protection should be worn. Positive-pressure supplied air respirators may be required for high airborne contaminant concentrations. Respiratory protection must be provided in accordance with current local regulations. If exposure limits are exceeded or irritation is experienced, NIOSH/MSHA approved respiratory protection should be worn.

**Environmental exposure controls** Do not allow into any sewer, on the ground or into any body of water.

## Section 9: PHYSICAL AND CHEMICAL PROPERTIES

### General information

<b>Physical state</b>	liquid	<b>Appearance</b>	black
<b>Odor</b>	solvent		

### Important health, safety and environmental information

<b>Flash Point</b>	< 17 °C	<b>Method</b>	Seta closed cup.
<b>Boiling point / boiling range</b>	75 °C	<b>pH</b>	
<b>PH</b>	5 - 7	<b>Autoignition temperature</b>	
<b>Vapor Pressure</b>	No information available	<b>VOC Content</b>	No information available
<b>Viscosity</b>	< 15 cps	<b>Solubility</b>	partly miscible
<b>Specific gravity</b>	0.700 - 0.900	<b>Evaporation Rate</b>	No information available
<b>Vapor Density</b>	Heavier than air		
		<b>Flammability Limit in Air</b>	
		<b>Upper</b>	11.5 (volume % in Air)
		<b>Lower</b>	1.8 (volume % in Air)

### OTHER INFORMATION

**Melting point / melting range** No information available

## Section 10: STABILITY AND REACTIVITY

### Reactivity

No data available.

### Chemical stability

Stable under normal conditions.

#### Explosion data

Sensitivity to Mechanical Impact	None.
Sensitivity to Static Discharge	None.

### Possibility of hazardous reactions

#### **Hazardous polymerization**

Hazardous polymerization does not occur.

#### **Hazardous Reactions**

None under normal processing.

### Conditions to avoid

Heating in air. Heat, flames and sparks.

### Incompatible materials

Strong oxidizing agents. Acids. Chlorinated compounds. Strong acids.

### Hazardous decomposition products

Carbon oxides.

## Section 11: TOXICOLOGICAL INFORMATION

### Information on toxicological effects

#### **Acute toxicity**

#### Product Information

The product has not been tested.

#### **Inhalation**

Toxic by inhalation. Avoid breathing vapors or mists. Aspiration into lungs can produce severe lung damage. Toxic: danger of very serious irreversible effects through inhalation. Harmful: possible risk of irreversible effects through inhalation.

#### **Eye contact**

Irritating to eyes. Avoid contact with eyes. May cause irritation. May cause irreversible damage to eyes.

#### **IF ON SKIN**

Avoid contact with skin. Toxic in contact with skin. Toxic: Danger of very serious irreversible effects in contact with the skin. Harmful: Possible risk of irreversible effects in contact with the skin.

#### **Ingestion**

Toxic if swallowed. Do NOT taste or swallow. Toxic: danger of very serious irreversible effects if swallowed. Harmful: possible risk of irreversible effects if swallowed.

#### **Unknown acute toxicity**

5.085% of the mixture consists of ingredient(s) of unknown toxicity.

The following values are calculated based on chapter 3.1 of the GHS document

ATEmix (oral)	182.00 mg/kg
ATEmix (dermal)	550.00 mg/kg

ATEmix (inhalation-dust/mist) 0.92 mg/l

Chemical name	Oral LD50	Dermal LD50	Inhalation LC50
Methyl alcohol	= 6200 mg/kg ( Rat )	= 15800 mg/kg ( Rabbit )	= 22500 ppm ( Rat ) 8 h = 64000 ppm ( Rat ) 4 h
Ethyl alcohol	= 7060 mg/kg ( Rat )		= 124.7 mg/L ( Rat ) 4 h
Ketone	= 5800 mg/kg ( Rat )		= 50100 mg/m <sup>3</sup> ( Rat ) 8 h
Ester	= 1540 mg/kg ( Rat )		> 5100 mg/m <sup>3</sup> ( Rat ) 4 h
Isopropyl alcohol	= 1870 mg/kg ( Rat )	= 4059 mg/kg ( Rabbit )	= 72600 mg/m <sup>3</sup> ( Rat ) 4 h

<b>Skin corrosion/irritation</b>	Irritating to skin.
<b>Serious eye damage/eye irritation</b>	Risk of serious damage to eyes. Irritating to eyes.
<b>Sensitization</b>	No information available.
<b>Mutagenic effects</b>	No information available.
<b>Carcinogenic effects</b>	No information available.
<b>Reproductive toxicity</b>	May impair fertility.
<b>STOT - single exposure</b>	No information available.
<b>STOT - repeated exposure</b>	Causes damage to organs through prolonged or repeated exposure.
<b>Target organ effects</b>	blood, Central Nervous System (CNS), EYES, Gastrointestinal tract (GI), liver, Reproductive System, Respiratory System, skin.
<b>Aspiration hazard</b>	No information available.

## Section 12: ECOLOGICAL INFORMATION

### Toxicity

Toxic to aquatic life Toxic to aquatic life with long lasting effects

### Ecotoxicity effects

Not Established.

5.56% of the mixture consists of component(s) of unknown hazards to the aquatic environment

Chemical name	Toxicity to Algae	Toxicity to Fish	Daphnia Magna (Water Flea)
Methyl alcohol		28200: 96 h Pimephales promelas mg/L LC50 flow-through 100: 96 h Pimephales promelas mg/L LC50 static 19500 - 20700: 96 h Oncorhynchus mykiss mg/L LC50 flow-through 18 - 20: 96 h Oncorhynchus mykiss mL/L LC50 static 13500 - 17600: 96 h Lepomis macrochirus mg/L LC50 flow-through	
Ethyl alcohol		12.0 - 16.0: 96 h Oncorhynchus mykiss mL/L LC50 static 13400 - 15100: 96 h Pimephales promelas mg/L LC50 flow-through 100: 96 h Pimephales promelas mg/L LC50 static	9268 - 14221: 48 h Daphnia magna mg/L LC50 10800: 24 h Daphnia magna mg/L EC50 2: 48 h Daphnia magna mg/L EC50 Static
Ketone		4.74 - 6.33: 96 h Oncorhynchus mykiss mL/L LC50 6210 - 8120: 96 h Pimephales promelas mg/L LC50 static 8300: 96 h Lepomis	10294 - 17704: 48 h Daphnia magna mg/L EC50 Static 12600 - 12700: 48 h Daphnia magna mg/L EC50



		macrochirus mg/L LC50	
Ester	360: 72 h Desmodesmus subspicatus mg/L EC50 79: 96 h Desmodesmus subspicatus mg/L EC50	220 - 460: 96 h Leuciscus idus mg/L LC50 static	500: 48 h Daphnia magna Straus mg/L EC50
Isopropyl alcohol	1000: 96 h Desmodesmus subspicatus mg/L EC50 1000: 72 h Desmodesmus subspicatus mg/L EC50	9640: 96 h Pimephales promelas mg/L LC50 flow-through 1400000: 96 h Lepomis macrochirus µg/L LC50 11130: 96 h Pimephales promelas mg/L LC50 static	13299: 48 h Daphnia magna mg/L EC50

**Persistence and degradability**

No information available.

**Bioaccumulative potential**

No information available.

Chemical name	Log Pow
Methyl alcohol	-0.77
Ethyl alcohol	-0.32
Ketone	-0.24
Ester	-0.566
Isopropyl alcohol	0.05

**Mobility in soil****Mobility in soil**

No information available.

**Results of PBT and vPvB assessment**

This substance is considered to be persistent, bioaccumulating and toxic (PBT).

**Other adverse effects**

No information available

## Section 13: DISPOSAL CONSIDERATIONS

**Waste treatment methods****Waste from residues/unused products**

Disposal should be in accordance with applicable regional, national and local laws and regulations.

**Contaminated packaging**

Disposal should be in accordance with applicable regional, national and local laws and regulations.

**OTHER INFORMATION**

According to the European Waste Catalogue, Waste Codes are not product specific, but application specific. Waste codes should be assigned by the user based on the application for which the product was used.

## Section 14: TRANSPORT INFORMATION

**IMDG/IMO****14.1 UN-No**

Not regulated

**14.2 Proper shipping name**

Not regulated

**14.3 Hazard Class**

Not regulated

14.4 Packing group Not regulated  
 14.5 Marine pollutant Not applicable  
 14.6 Special Provisions None  
 14.7 Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code No information available

**RID**

14.1 UN-No Not Regulated  
 14.2 Proper shipping name Not Regulated  
 14.3 Hazard Class Not Regulated  
 14.4 Packing group Not Regulated  
 14.5 Environmental Hazard Not Applicable  
 14.6 Special Provisions None

**ADR**

14.1 UN-No Not Regulated  
 14.2 Proper shipping name Not Regulated  
 14.3 Hazard Class Not Regulated  
 14.4 Packing group Not Regulated  
 14.5 Environmental Hazard Not Applicable  
 14.6 Special Provisions None

**ICAO**

14.1 UN-No Not Regulated  
 14.2 Proper shipping name Not Regulated  
 14.3 Hazard Class Not Regulated  
 14.4 Packing group Not Regulated  
 14.5 Environmental Hazard Not Applicable  
 14.6 Special Provisions None

**IATA**

14.1 UN-No UN1210  
 14.2 Proper shipping name Not Regulated  
 14.3 Hazard Class 3  
 14.4 Packing group II  
 14.5 Environmental Hazard Not Applicable  
 14.6 Special Provisions None

## Section 15: REGULATORY INFORMATION

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

#### European Union

Take note of Directive 98/24/EC on the protection of the health and safety of workers from the risks related to chemical agents at work

#### International Inventories

Chemical name	TSCA	DSL/NDL	EINECS/ELI NCS	ENCS	IECSC	KECL	PICCS	AICS
Methyl alcohol 67-56-1	X	X	X	X	X	X	X	X
Ethyl alcohol 64-17-5	X	X	X	X	X	X	X	X
Ketone	X	X	X	X	X	X	X	X
Ester	X	X	X	X	X	X	X	X

Isopropyl alcohol 67-63-0	X	X	X	X	X	X	X	X
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**Legend**

**TSCA** - United States Toxic Substances Control Act Section 8(b) Inventory  
**DSL/NDSL** - Canadian Domestic Substances List/Non-Domestic Substances List  
**EINECS/ELINCS** - European Inventory of Existing Commercial Chemical Substances/EU List of Notified Chemical Substances  
**ENCS** - Japan Existing and New Chemical Substances  
**IECSC** - China Inventory of Existing Chemical Substances  
**KECL** - Korean Existing and Evaluated Chemical Substances  
**PICCS** - Philippines Inventory of Chemicals and Chemical Substances  
**AICS** - Australian Inventory of Chemical Substances

**Chemical safety assessment**

No information available

<b>Section 16: OTHER INFORMATION</b>
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**Full text of R-phrases referred to under sections 2 and 3**

R11 - Highly flammable  
 R66 - Repeated exposure may cause skin dryness or cracking  
 R67 - Vapors may cause drowsiness and dizziness  
 R36 - Irritating to eyes  
 R22 - Harmful if swallowed  
 R39/23/24/25 - Toxic: danger of very serious irreversible effects through inhalation, in contact with skin and if swallowed  
 R23/24/25 - Toxic by inhalation, in contact with skin and if swallowed

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

H301 - Toxic if swallowed  
 H311 - Toxic in contact with skin  
 H331 - Toxic if inhaled  
 H370 - Causes damage to organs if inhaled  
 H225 - Highly flammable liquid and vapor  
 H319 - Causes serious eye irritation  
 H336 - May cause drowsiness or dizziness  
 H302 - Harmful if swallowed  
 H318 - Causes serious eye damage  
 EUH066 - Repeated exposure may cause skin dryness or cracking

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**Reason for revision** Not Applicable.

**Regulation (EC) No. 1907/2006 and Regulation (EC) No. 1272/2008**

**Disclaimer**

The information provided on this SDS is correct to the best of our knowledge, information and belief at the date of its publication. The information given is designed only as a guide for safe handling, use, processing, storage, transportation, disposal and release and is not to be considered as a warranty or quality specification. The information relates only to the specific material designated and may not be valid for such material used in combination with any other material or in any process, unless specified in the text.

End of Safety Data Sheet