

# SAFETY DATA SHEET

According to Work Health and Safety Regulations 2011 and National Model Code of Practice for the preparation of  
Safety Data Sheets for Hazardous Chemicals

Version 2.0

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SDS Record Number: JSQA19052201

## 1. Identification of the material and supplier

**Material name:** Dry erase marker  
**Other means of identification:** -  
**Recommended use:** Dry erase marker  
**Application of the substance / the mixture:** Black ink  
**Manufacturer:**  
**Supplier :** Officeworks Ltd  
**Address:** 236-262 East Boundary Road, Bentleigh East VIC 3165, Australia  
**Tel:** 1300 633 423  
**ABN:** 36 004 763 526  
**Emergency phone number:** **POISONS INFORMATION CENTRE 13 11 26**

## 2. Hazards identification

### GHS classification

<b>Physical hazards</b>	Flammable liquids	Category 2
<b>Health hazards</b>	Eye damage/irritation	Category 2A
	Specific target organ toxicity (single exposure)	Category 3
<b>Environmental hazards</b>	Not classified	

### GHS label elements

#### Hazard Pictograms



**Signal word** Danger  
**Hazard statement** Highly flammable liquid and vapor  
Causes serious eye irritation  
May cause drowsiness or dizziness

### Precautionary statement

**Prevention** Keep away from heat/sparks/open flames/hot surfaces.– No smoking.  
Use explosion-proof electrical/ventilating/ lighting equipment.

**Response** If on skin (or hair): Take off immediately all contaminated clothing. Rinse skin with water/shower.  
If in eyes: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.  
If eye irritation persists: Get medical advice/attention.

**Storage** Store locked up.

**Disposal** Dispose of contents/container in accordance with local regulation.

**Other hazards** Not available.

## 3. Composition/information on ingredients

Components	CAS No.	Percent
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Ethyl alcohol	64-17-5	50%
Isopropanol	67-63-0	30%
C.I. Pigment Black 6	1333-86-4	7%
Decanedioic acid, diisooctyl ester	27214-90-0	5%
Octadecanoic acid, butyl ester	123-95-5	5%
Hexanedioic acid, bis(2-ethylhexyl) ester	103-23-1	3%

#### 4. First aid measures

<b>Inhalation:</b>	If breathed in, remove victim to fresh air and keep at rest in a position comfortable for breathing. If you feel unwell, seek medical attention.
<b>Skin:</b>	Wash thoroughly with soap and water. Get medical attention in the unlikely event that irritation persists.
<b>Eye:</b>	Flush with running water for at least 15 minutes. If irritation persists get medical attention.
<b>Ingestion:</b>	Call a physician or a poison control center immediately.
<b>Symptoms caused by exposure:</b>	Not applicable.
<b>Medical Attention and Special Treatment:</b>	Not applicable.

#### 5. Fire-fighting measures

<b>Flammable properties:</b>	Highly flammable liquid and vapor.
<b>Suitable extinguishing media:</b>	Use extinguishing agents appropriate for surrounding fire.
<b>Extinguishing media which must not be used for safety reasons:</b>	Not available.
<b>Specific hazards arising from the chemical:</b>	Not available.
<b>Special protective equipment and precautions for fire fighters:</b>	Use self-contained breathing apparatus and protective clothing to avoid exposure to the fumes.

#### 6. Accidental release measures

<b>Personal precautions, protective equipment and emergency procedures:</b>	Use personal protective equipment. Ensure adequate ventilation. Evacuate personnel to safe areas.
<b>Environmental precautions:</b>	Avoid disposing into drainage/sewer system or directly into the aquatic environment.
<b>Methods and materials for containment and cleaning up:</b>	Absorb with liquid-binding material (sand, diatomite, acid binders, universal binders, sawdust).

#### 7. Handling and storage

<b>Precautions for safe handling:</b>	Avoid contact with skin and eyes. Avoid inhalation of vapor. Keep away from sources of ignition - No smoking. Take measures to prevent the build up of electrostatic charge.
<b>Conditions for safe storage, including any incompatibilities:</b>	Store in cool place. Keep container tightly closed in a dry and well-ventilated place. Containers which are opened must be carefully resealed and kept upright to prevent leakage.

#### 8. Exposure controls/personal protection

##### Occupational exposure limits

Australia. National Workplace OELs (Workplace Exposure Standards for Airborne Contaminants, Appendix A)

Components	Type	Value
Ethyl alcohol (64-17-5)	TWA	1880 mg/m <sup>3</sup> 1000 ppm

<i>Isopropanol (67-63-0)</i>	<i>STEL</i>	<i>1230 mg/m<sup>3</sup></i> <i>500 ppm</i>
	<i>TWA</i>	<i>983 mg/m<sup>3</sup></i> <i>400 ppm</i>
<i>Carbon black (CAS 1333-86-4)</i>	<i>TWA</i>	<i>3 mg/m<sup>3</sup></i>

**Australia. OELs. (Adopted National Exposure Standards for Atmospheric Contaminants in the Occupational Environment)**

<b>Components</b>	<b>Type</b>	<b>Value</b>
<i>Ethyl alcohol (64-17-5)</i>	<i>TWA</i>	<i>1880 mg/m<sup>3</sup></i> <i>1000 ppm</i>
<i>Isopropanol (67-63-0)</i>	<i>STEL</i>	<i>1230 mg/m<sup>3</sup></i> <i>500 ppm</i>
	<i>TWA</i>	<i>983 mg/m<sup>3</sup></i> <i>400 ppm</i>
<i>Carbon black (CAS 1333-86-4)</i>	<i>TWA</i>	<i>3 mg/m<sup>3</sup></i>

**New Zealand. WES. (Workplace Exposure Standards)**

<b>Components</b>	<b>Type</b>	<b>Value</b>
<i>Ethyl alcohol (64-17-5)</i>	<i>TWA</i>	<i>1880 mg/m<sup>3</sup></i> <i>1000 ppm</i>
<i>Isopropanol (67-63-0)</i>	<i>STEL</i>	<i>1230 mg/m<sup>3</sup></i> <i>500 ppm</i>
	<i>TWA</i>	<i>983 mg/m<sup>3</sup></i> <i>400 ppm</i>
<i>Carbon black (CAS 1333-86-4)</i>	<i>TWA</i>	<i>3 mg/m<sup>3</sup></i>

**Appropriate engineering controls:**

*Use sufficient ventilation to keep employee exposure below recommended limits. Use Static Controls. Static charges can build up and ignite dust or solvent laden atmospheres.*

**Personal protective equipment:**

**Eye/face protection:**

*Safety glasses.*

**Skin protection:**

*Wear suitable protective clothing to prevent skin exposure.*

**Respiratory protection:**

*Suitable respiratory protective device recommended.*

**Hand protection:**

*Handle with gloves.*

## 9. Physical and chemical properties

**Information on basic physical and chemical properties**

**Appearance:**

**Physical state:** *Liquid*

**Form:** *Liquid*

**Color:** *Black*

**Odor:** *Alcohol odor*

**Odour threshold:** *No data available*

**PH:** *8.8*

**Melting point/Freezing point:** *No data available*

**Boiling point and boiling range:** *105 °C*

**Flash point:** *21 °C*

**Evaporation rate:** *No data available*

**Flammability (solid, gas) :** *No data available*

**Upper/lower flammability or explosive limits:** *No data available*

**Vapor pressure:** *No data available*

**Vapor density:** *No data available*

**Relative density:** *No data available*

<b>density:</b>	No data available
<b>Solubility (H<sub>2</sub>O) :</b>	No data available
<b>Partition coefficient (n-octanol/water) :</b>	No data available
<b>Auto-ignition temperature:</b>	No data available
<b>Decomposition temperature:</b>	No data available
<b>Viscosity, dynamic (20 °C) :</b>	No data available
<b>Specific heat value:</b>	No data available
<b>Particle size:</b>	No data available
<b>Volatile organic compounds content:</b>	No data available
<b>% volatile:</b>	No data available
<b>Saturated vapour concentration:</b>	No data available
<b>Release of invisible flammable vapours and gases:</b>	No data available
<b>Additional parameters</b>	
<b>Shape and aspect ratio:</b>	No data available
<b>Crystallinity:</b>	No data available
<b>Dustiness:</b>	No data available
<b>Surface area:</b>	No data available
<b>Degree of aggregation or agglomeration:</b>	No data available
<b>Ionisation (redox potential):</b>	No data available
<b>Biodurability or biopersistence:</b>	No data available

## 10. Stability and reactivity

<b>Reactivity:</b>	Stable under recommended transport or storage conditions.
<b>Chemical stability:</b>	Stable under normal temperatures and pressures.
<b>Possibility of hazardous reactions:</b>	No dangerous reaction known under conditions of normal use.
<b>Conditions to avoid:</b>	No further relevant information available.
<b>Incompatible materials:</b>	No further relevant information available.
<b>Hazardous decomposition products:</b>	No dangerous decomposition products known.

## 11. Toxicological information

### Toxicological data:

Components	Type	Value
Ethyl alcohol (CAS 64-17-5)	LD50 (Oral)	>2000 mg/kg (rat)
	LD50 (Dermal)	>2000 mg/kg (rat)
	LC50 (Inhalation)	124.7 mg/L/4H (rat)
Isopropanol (CAS 67-63-0)	LD50 (Oral)	>2000 mg/kg (rat)
	LD50 (Dermal)	>2000 mg/kg (rat)
	LC50 (Inhalation)	>20 mg/L (rat)
Hexanedioic acid, bis(2-ethylhexyl) ester (CAS 103-23-1)	LD50 (Oral)	9110 mg/kg (rat)
	LD50 (Dermal)	>8670 mg/kg (rabbit)
	LC50 (Inhalation)	>5.7 mg/L (rat)

<b>Skin corrosion/Irritation:</b>	Based on available data, the classification criteria are not met.
<b>Serious eye damage/irritation:</b>	Causes serious eye irritation.
<b>Respiratory or skin sensitization:</b>	Based on available data, the classification criteria are not met.
<b>Germ cell mutagenicity:</b>	Based on available data, the classification criteria are not met.
<b>Carcinogenicity:</b>	Based on available data, the classification criteria are not met.
<b>Reproductive toxicity:</b>	Based on available data, the classification criteria are not met.
<b>STOT- single exposure:</b>	May cause drowsiness or dizziness.
<b>STOT-repeated exposure:</b>	Based on available data, the classification criteria are not met.
<b>Aspiration hazard:</b>	Based on available data, the classification criteria are not met.
<b>Other information</b>	No data available.

<b>Information on routes of exposure</b>	No data available.
<b>Symptoms related to exposure</b>	No data available.
<b>Numerical measures of toxicity</b>	No data available.
<b>Immediate, delayed and chronic health effects from exposure</b>	No data available.

## 12. Ecological information

<b>Aquatic toxicity:</b>	No data available.
<b>Persistence and degradability:</b>	No data available.
<b>Bioaccumulative potential:</b>	No data available.
<b>Mobility in soil:</b>	No data available.
<b>Results of PBT and vPvB assessment:</b>	No data available.
<b>Other adverse effects:</b>	No other adverse environmental effects (e.g. ozone depletion, photochemical ozone creation potential, endocrine disruption, global warming potential) are expected from this component.

## 13. Disposal considerations

<b>Safe handling and disposal methods:</b>	Collect and reclaim or dispose in sealed containers at licensed waste disposal site.
<b>Disposal of any contaminated packaging:</b>	Dispose of in accordance with local regulations. Empty containers or liners may retain some product residues. This material and its container must be disposed of in a safe manner (see: Disposal instructions). Empty containers should be taken to an approved waste handling site for recycling or disposal. Since emptied containers may retain product residue, follow label warnings even after container is emptied.

## 14. Transport information

### ADG, IATA, IMDG

<b>UN number</b>	1993
<b>Proper shipping name</b>	FLAMMABLE LIQUID,N.O.S. (ethyl alcohol, isopropanol)
<b>Transport hazard class(es)</b>	



<b>Class:</b>	3 Flammable liquids.
<b>Label:</b>	3
<b>Packing group</b>	II
<b>Environmental hazards</b>	Void
<b>Special precautions during transport</b>	Read safety instructions, SDS and emergency procedures before handling.
<b>Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code:</b>	Not applicable

## 15. Regulatory information

### Safety, health and environmental regulations

**National regulations** This Safety Data Sheet was prepared in accordance with Australia Model Code of Practice for the preparation of Safety Data Sheets for Hazardous Chemicals.

**Australia Medicines & Poisons Appendix A/C/D/E/F/G/H/I/J/K**

Poisons schedule number not allocated.

**Australia Medicines & Poisons Appendix B**

Ethyl alcohol (CAS 64-17-5)

**Australia Medicines & Poisons Schedule 10/2/3/4/5/6/7/8/9**

Poisons schedule number not allocated.

**High Volume Industrial Chemicals (HVIC)**

Ethyl alcohol (CAS 64-17-5) 10000 - 99999 TONNES See the regulation for additional information.  
Isopropanol (67-63-0) 1000 - 9999 TONNES See the regulation for additional information.  
C.I. Pigment Black 6 (1333-86-4) 10000 - 99999 TONNES See the regulation for additional information.  
Hexanedioic acid, bis(2-ethylhexyl) ester (103-23-1) 1000 - 9999 TONNES See the regulation for additional information.

**Importation of Ozone Depleting Substances (Customs(Prohibited imports) Regulations 1956, Schedule 10)**

Not listed

**New Zealand Inventory of Chemicals (NZIoC): Registration status:**

C.I. Pigment Black 6 (1333-86-4) Maybe used as a single component chemical under appropriate group standard.  
Decanedioic acid, diisooctyl ester (27214-90-0) Maybe used as a single component chemical under appropriate group standard.  
Octadecanoic acid, butyl ester (123-95-5) Maybe used as a single component chemical under appropriate group standard.  
Ethyl alcohol (64-17-5) HSNO Approved  
Isopropanol (67-63-0) HSNO Approved  
Hexanedioic acid, bis(2-ethylhexyl) ester (103-23-1) HSNO Approved

**Inventory status:**

Country(s) or region	Inventory name	On inventory (yes/no)*
Australia	Australian Inventory of Chemical Substances (AICS)	Yes

\*A "Yes" indicates this product complies with the inventory requirements administered by the governing country(s)  
A "No" indicates that one or more components of the product are not listed or exempt from listing on the inventory administered by the governing country(s).

**16. Other information**

**Indication of changes:** Version 2.0  
**Date of preparation or review:** 2020.02.13  
**Key abbreviations or acronyms used:** CAS: Chemical Abstracts Service  
LC50: Lethal Concentration 50  
LD50: Lethal dose 50%  
MAC: maximum allowable concentration, MAC)  
PC-TWA: permissible concentration-time weighted average  
PC-STEL: permissible concentration-short term exposure limit  
PBT: Persistent, Bioaccumulative and Toxic  
vPvB: very Persistent and very Bioaccumulative

**End of Safety Data Sheet**