

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

1.1. Product identifier

Product form : Mixture
Product name : Derwent Academy Assorted Markers- 4CT
Product code : 98204

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

1.2.1. Relevant identified uses

No additional information available

1.2.2. Uses advised against

No additional information available

1.3. Details of the supplier of the safety data sheet

ACCO Brands
Four Corporate Drive
Lake Zurich, IL
60047

Phone: 800-222-6462

1.4. Emergency telephone number

Emergency number : Rocky Mountain Poison + Drug center Phone number are (877)740-5015 (US Toll Free) and (303) 739-1110 (Outside US)

Country	Organisation/Company	Address	Emergency number	Comment
Ireland	National Poisons Information Centre Beaumont Hospital	Beaumont Hospital Beaumont Road 9 Dublin	: +353 1 8379964	
United Kingdom	National Poisons Information Service (NHS Direct)	http://www.npis.org	111 (England & Wales only) or 112 (EU) or 08454 24 24 24 (Scotland)	

SECTION 2: Hazards identification

2.1. Classification of the substance or mixture

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

Not classified

Adverse physicochemical, human health and environmental effects

To our knowledge, this product does not present any particular risk, provided it is handled in accordance with good occupational hygiene and safety practice.

2.2. Label elements

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

No labelling applicable

2.3. Other hazards

No additional information available

SECTION 3: Composition/information on ingredients

3.1. Substances

Not applicable

3.2. Mixtures

Derwent Academy Assorted Markers- 4CT

Safety Data Sheet

*** DRAFT ***

according to Regulation (EC) No. 1907/2006 (REACH) with its amendment Regulation (EU) 2015/830

Name	Product identifier	%	Classification according to Regulation (EC) No. 1272/2008 [CLP]
1-methoxy-2-propanol, monopropylene glycol methyl ether	(CAS-No.) 107-98-2 (EC-No.) 203-539-1 (EC Index-No.) 603-064-00-3 (REACH-no) 01-2119457435-35-XXXX	15 - 80	Flam. Liq. 3, H226 STOT SE 3, H336
propan-1-ol, n-propanol	(CAS-No.) 71-23-8 (EC-No.) 200-746-9 (EC Index-No.) 603-003-00-0	15 - 80	Flam. Liq. 2, H225 Eye Dam. 1, H318 STOT SE 3, H336
Benzenesulfonic Acid	(CAS-No.) 85536-14-7 (EC-No.) 287-494-3	1 - 15	Acute Tox. 4 (Oral), H302 Skin Corr. 1, H314 Aquatic Chronic 3, H412
C. I. Solvent Violet 8	(CAS-No.) 84281-86-7. (EC-No.) 282-630-8	1 - 15	Acute Tox. 4 (Oral), H302 Eye Dam. 1, H318
C. I. Solvent Orange 3	(CAS-No.) 495-54-5.. (EC-No.) 207-803-7 (EC Index-No.) 611-151-00-2	1 - 15	Acute Tox. 4 (Oral), H302 Skin Irrit. 2, H315 Skin Sens. 1, H317 Muta. 2, H341 Aquatic Acute 1, H400 Aquatic Chronic 1, H410
C.I. solvent blue 4 substance listed as REACH Candidate (α,α -Bis[4-(dimethylamino)phenyl]-4 (phenylamino)naphthalene-1-methanol (C.I. Solvent Blue 4) [with $\geq 0.1\%$ of Michler's ketone (EC No. 202-027-5) or Michler's base (EC No. 202-959-2)])	(CAS-No.) 6786-83-0. (EC-No.) 229-851-8 (REACH-no) 01-2119950688-22-XXXX	< 5	Eye Dam. 1, H318 Skin Sens. 1, H317

Full text of H-statements: see section 16

SECTION 4: First aid measures

4.1. Description of first aid measures

- First-aid measures general : Call a physician immediately.
- First-aid measures after inhalation : Remove person to fresh air and keep comfortable for breathing.
- First-aid measures after skin contact : Call a physician immediately. Rinse skin with water/shower. Remove/Take off immediately all contaminated clothing.
- First-aid measures after eye contact : Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Call a physician immediately.
- First-aid measures after ingestion : Rinse mouth. Do not induce vomiting. Call a physician immediately.

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

- Symptoms/effects : May cause drowsiness or dizziness.
- Symptoms/effects after skin contact : Burns. May cause an allergic skin reaction.
- Symptoms/effects after eye contact : Serious damage to eyes.
- Symptoms/effects after ingestion : Burns.

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

Treat symptomatically.

SECTION 5: Firefighting measures

5.1. Extinguishing media

- Suitable extinguishing media : Water spray. Dry powder. Foam. Carbon dioxide.

5.2. Special hazards arising from the substance or mixture

- Fire hazard : Flammable liquid and vapour.
- Hazardous decomposition products in case of fire : Toxic fumes may be released.

5.3. Advice for firefighters

- Protection during firefighting : Do not attempt to take action without suitable protective equipment. Self-contained breathing apparatus. Complete protective clothing.

SECTION 6: Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures

6.1.1. For non-emergency personnel

- Emergency procedures : Only qualified personnel equipped with suitable protective equipment may intervene. Do not breathe dust/fume/gas/mist/vapours/spray. No open flames, no sparks, and no smoking.

6.1.2. For emergency responders

- Protective equipment : Do not attempt to take action without suitable protective equipment. For further information refer to section 8: "Exposure controls/personal protection".

Derwent Academy Assorted Markers- 4CT

Safety Data Sheet

*** DRAFT ***

according to Regulation (EC) No. 1907/2006 (REACH) with its amendment Regulation (EU) 2015/830

6.2. Environmental precautions

Avoid release to the environment. Notify authorities if product enters sewers or public waters.

6.3. Methods and material for containment and cleaning up

- For containment : Collect spillage.
- Methods for cleaning up : Take up liquid spill into absorbent material. Notify authorities if product enters sewers or public waters.
- Other information : Dispose of materials or solid residues at an authorized site.

6.4. Reference to other sections

For further information refer to section 13.

SECTION 7: Handling and storage

7.1. Precautions for safe handling

- Precautions for safe handling : Ensure good ventilation of the work station. Take all necessary technical measures to avoid or minimize the release of the product on the workplace. Limit quantities of product at the minimum necessary for handling and limit the number of exposed workers. Provide local exhaust or general room ventilation. Floors, walls and other surfaces in the hazard area must be cleaned regularly. Do not breathe fume, mist, spray, vapours. Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking. Ground/bond container and receiving equipment. Use only non-sparking tools. Take precautionary measures against static discharge. Flammable vapours may accumulate in the container. Use explosion-proof equipment. Wear personal protective equipment. Obtain special instructions before use. Do not handle until all safety precautions have been read and understood. Avoid contact with skin and eyes.
- Hygiene measures : Separate working clothes from town clothes. Launder separately. Do not eat, drink or smoke when using this product. Always wash hands after handling the product. Contaminated work clothing should not be allowed out of the workplace. Wash contaminated clothing before reuse.

7.2. Conditions for safe storage, including any incompatibilities

- Technical measures : Ground/bond container and receiving equipment.
- Storage conditions : Store in a well-ventilated place. Keep cool. Keep container tightly closed. Store locked up.

7.3. Specific end use(s)

No additional information available

SECTION 8: Exposure controls/personal protection

8.1. Control parameters

1-methoxy-2-propanol, monopropylene glycol methyl ether (107-98-2)		
EU	Local name	1-Methoxypropanol-2
EU	IOELV TWA (mg/m³)	375 mg/m³
EU	IOELV TWA (ppm)	100 ppm
EU	IOELV STEL (mg/m³)	568 mg/m³
EU	IOELV STEL (ppm)	150 ppm
EU	Notes	Skin
Austria	Local name	1-Methoxypropanol-2
Austria	MAK (mg/m³)	187 mg/m³
Austria	MAK (ppm)	50 ppm
Austria	MAK Short time value (mg/m³)	187 mg/m³
Austria	MAK Short time value (ppm)	50 ppm
Austria	Remark (AT)	H
Belgium	Local name	1-Méthoxy-2-propanol # 1-Methoxy-2-propanol
Belgium	Limit value (mg/m³)	375 mg/m³
Belgium	Limit value (ppm)	100 ppm
Belgium	Short time value (mg/m³)	568 mg/m³
Belgium	Short time value (ppm)	150 ppm
Belgium	Remark (BE)	D: La mention D signifie que la résorption de l'agent, via la peau, les muqueuses ou les yeux, constitue une partie importante de l'exposition totale. Cette résorption peut se faire tant par contact direct que par présence de l'agent dans l'air. # De vermelding D betekent dat de opname van het agens via de huid, de slijmvliezen of de ogen een belangrijk deel van de totale blootstelling vormt. Deze opname kan het gevolg zijn van zowel direct contact als zijn aanwezigheid in de lucht.
Bulgaria	Local name	1-Метоксипропан-2-ол

Derwent Academy Assorted Markers- 4CT

Safety Data Sheet

*** DRAFT ***

according to Regulation (EC) No. 1907/2006 (REACH) with its amendment Regulation (EU) 2015/830

1-methoxy-2-propanol, monopropylene glycol methyl ether (107-98-2)		
Bulgaria	OEL TWA (mg/m³)	375 mg/m³
Bulgaria	OEL TWA (ppm)	100 ppm
Bulgaria	OEL STEL (mg/m³)	568 mg/m³
Bulgaria	OEL STEL (ppm)	150 ppm
Bulgaria	Notes	Кожа (възможна е значителна резорбция чрез кожата); • (Химични агенти, за които са определени гранични стойности във въздуха на работната среда за Европейската общност)
Croatia	Local name	1-Metoksi-2-propanol; (monopropilen-glikol metil-eter)
Croatia	GVI (granična vrijednost izloženosti) (mg/m³)	375 mg/m³
Croatia	GVI (granična vrijednost izloženosti) (ppm)	100 ppm
Croatia	KGVI (kratkotrajna granična vrijednost izloženosti) (mg/m³)	568 mg/m³
Croatia	KGVI (kratkotrajna granična vrijednost izloženosti) (ppm)	150 ppm
Croatia	Naznake (HR)	K (Skin): (naznaka da tvar može štetno djelovati kroz kožu); EU* (naznaka da se radi o tvarima za koje su utvrđene indikativne granične vrijednosti izloženosti prema Direktivi 2000/39/ EC (prva lista))
Czech Republic	Local name	1-Methoxy-2-propanol
Czech Republic	Expoziční limity (PEL) (mg/m³)	270 mg/m³
Czech Republic	Expoziční limity (PEL) (ppm)	73,2 ppm
Czech Republic	Expoziční limity (NPK-P) (mg/m³)	550 mg/m³
Czech Republic	Expoziční limity (NPK-P) (ppm)	149,1 ppm
Czech Republic	Remark (CZ)	D
Denmark	Local name	1-Methoxy-2-propanol (Propylenglycolmonomethylether)
Denmark	Grænseværdie (langvarig) (mg/m³)	185 mg/m³
Denmark	Grænseværdie (langvarig) (ppm)	50 ppm
Denmark	Anmærkninger (DK)	E (betyder, at stoffet har en EF-grænseværdi)
Finland	Local name	1-Metoksi-2-propanoli
Finland	HTP-arvo (8h) (mg/m³)	370 mg/m³
Finland	HTP-arvo (8h) (ppm)	100 ppm
Finland	HTP-arvo (15 min)	560 mg/m³
Finland	HTP-arvo (15 min) (ppm)	150 ppm
Finland	Huomautus (FI)	iho
France	Local name	Ether méthylique du propylène-glycol (1-Méthoxy-2-propanol)
France	VME (mg/m³)	188 mg/m³
France	VME (ppm)	50 ppm
France	VLE (mg/m³)	375 mg/m³
France	VLE (ppm)	100 ppm
France	Note (FR)	Valeurs réglementaires contraignantes; risque de pénétration percutanée
Germany	Local name	1-Methoxy-2-propanol
Germany	TRGS 900 Occupational exposure limit value (mg/m³)	370 mg/m³
Germany	TRGS 900 Occupational exposure limit value (ppm)	100 ppm
Germany	Remark (TRGS 900)	DFG,EU,Y
Greece	OEL TWA (mg/m³)	360 mg/m³
Greece	OEL TWA (ppm)	100 ppm
Greece	OEL STEL (mg/m³)	1080 mg/m³
Greece	OEL STEL (ppm)	300 ppm
Hungary	Local name	1-METOXIPROPÁN-2-OL
Hungary	AK-érték	375 mg/m³
Hungary	CK-érték	568 mg/m³
Hungary	Megjegyzések (HU)	b; EU1

Derwent Academy Assorted Markers- 4CT

Safety Data Sheet

*** DRAFT ***

according to Regulation (EC) No. 1907/2006 (REACH) with its amendment Regulation (EU) 2015/830

1-methoxy-2-propanol, monopropylene glycol methyl ether (107-98-2)		
Ireland	Local name	Propylene glycol monomethyl ether
Ireland	OEL (8 hours ref) (mg/m³)	375 mg/m³
Ireland	OEL (8 hours ref) (ppm)	100 ppm
Ireland	OEL (15 min ref) (mg/m³)	568 mg/m³
Ireland	OEL (15 min ref) (ppm)	150 ppm
Ireland	Notes (IE)	IOELV
Italy	Local name	Metossipropanolo-2, 1-
Italy	OEL TWA (mg/m³)	375 mg/m³
Italy	OEL TWA (ppm)	100 ppm
Italy	OEL STEL (mg/m³)	568 mg/m³
Italy	OEL STEL (ppm)	150 ppm
Latvia	Local name	1-Metoksi-2-propanols (propilēnglikola monometilēteris, monopropilēnglikolmetilēteris)
Latvia	OEL TWA (mg/m³)	375 mg/m³
Latvia	OEL TWA (ppm)	100 ppm
Latvia	OEL STEL (mg/m³)	568 mg/m³
Latvia	OEL STEL (ppm)	150 ppm
Lithuania	Local name	1-metoksipropanolis-2 (propilenglikolio monometileteris, PGME)
Lithuania	IPRV (mg/m³)	190 mg/m³
Lithuania	IPRV (ppm)	50 ppm
Lithuania	TPRV (mg/m³)	300 mg/m³
Lithuania	TPRV (ppm)	75 ppm
Luxembourg	Local name	1-Méthoxypropane-2-ol
Luxembourg	OEL TWA (mg/m³)	375 mg/m³
Luxembourg	OEL TWA (ppm)	100 ppm
Luxembourg	OEL STEL (mg/m³)	568 mg/m³
Luxembourg	OEL STEL (ppm)	150 ppm
Malta	Local name	1-Methoxypropanol-2
Malta	OEL TWA (mg/m³)	375 mg/m³
Malta	OEL TWA (ppm)	100 ppm
Malta	OEL STEL (mg/m³)	568 mg/m³
Malta	OEL STEL (ppm)	150 ppm
Netherlands	Local name	1-Methoxy-2-propanol
Netherlands	Grenswaarde TGG 8H (mg/m³)	375 mg/m³
Netherlands	Grenswaarde TGG 8H (ppm)	100 ppm (1-Methoxy-2-propanol; Netherlands; Time-weighted average exposure limit 8 h; Public occupational exposure limit value)
Netherlands	Grenswaarde TGG 15MIN (mg/m³)	563 mg/m³
Netherlands	Grenswaarde TGG 15MIN (ppm)	150 ppm (1-Methoxy-2-propanol; Netherlands; Short time value; Public occupational exposure limit value)
Netherlands	Remark (MAC)	H (Huidopname) Stoffen die relatief gemakkelijk door de huid kunnen worden opgenomen, hetgeen een substantiële bijdrage kan betekenen aan de totale inwendige blootstelling, hebben in de lijst een Haanduiding. Bij deze stoffen moeten naast maatregelen tegen inademing ook adequate maatregelen ter voorkoming van huidcontact worden genomen.
Poland	Local name	1-Metoksypropan-2-ol
Poland	NDS (mg/m³)	180 mg/m³
Poland	NDSch (mg/m³)	360 mg/m³
Portugal	Local name	1-Metoxi-2-propanol (PGME)
Portugal	OEL TWA (ppm)	50 ppm

Derwent Academy Assorted Markers- 4CT

Safety Data Sheet

*** DRAFT ***

according to Regulation (EC) No. 1907/2006 (REACH) with its amendment Regulation (EU) 2015/830

1-methoxy-2-propanol, monopropylene glycol methyl ether (107-98-2)		
Portugal	OEL STEL (ppm)	100 ppm
Romania	Local name	1-Metoxipropán 2-ol
Romania	OEL TWA (mg/m³)	375 mg/m³
Romania	OEL TWA (ppm)	100 ppm
Romania	OEL STEL (mg/m³)	568 mg/m³
Romania	OEL STEL (ppm)	150 ppm
Slovakia	Local name	1-Metoxipropán-2-ol (propylénglykolmonometyléter)
Slovakia	NPHV (priemerná) (mg/m³)	375 mg/m³
Slovakia	NPHV (priemerná) (ppm)	100 ppm
Slovakia	OEL STEL (mg/m³)	568 mg/m³
Slovakia	OEL STEL (ppm)	150 ppm
Slovakia	Upozornenie (SK)	K - znamená, že faktor môže byť ľahko absorbovaný kožou
Slovenia	Local name	1-metoksi-2-propanol (propilenglikolmonometil eter)
Slovenia	OEL TWA (mg/m³)	375 mg/m³
Slovenia	OEL TWA (ppm)	100 ppm
Slovenia	OEL STEL (mg/m³)	562,5 mg/m³
Slovenia	OEL STEL (ppm)	150 ppm
Spain	Local name	1-Metoxipropán-2-ol (Éter 1-metilico de propilenglicol)
Spain	VLA-ED (mg/m³)	375 mg/m³
Spain	VLA-ED (ppm)	100 ppm
Spain	VLA-EC (mg/m³)	568 mg/m³
Spain	VLA-EC (ppm)	150 ppm
Spain	Notes	Vía dérmica (Indica que, en las exposiciones a esta sustancia, la aportación por la vía cutánea puede resultar significativa para el contenido corporal total si no se adoptan medidas para prevenir la absorción. En estas situaciones, es aconsejable la utilización del control biológico para poder cuantificar la cantidad global absorbida del contaminante. Para más información véase el Apartado 5 de este documento), VLI (Agente químico para el que la U.E. estableció en su día un valor límite indicativo. Todos estos agentes químicos figuran al menos en una de las directivas de valores límite indicativos publicadas hasta ahora (ver Anexo C. Bibliografía). Los estados miembros disponen de un tiempo fijado en dichas directivas para su transposición a los valores límites de cada país miembro. Una vez adoptados, estos valores tienen la misma validez que el resto de los valores adoptados por el país).
Sweden	Local name	1-Metoxi-2-propanol
Sweden	nivågränsvärde (NVG) (mg/m³)	190 mg/m³
Sweden	nivågränsvärde (NVG) (ppm)	50 ppm
Sweden	kortidsvärde (KTV) (mg/m³)	568 mg/m³
Sweden	kortidsvärde (KTV) (ppm)	150 ppm
Sweden	Anmärkning (SE)	H (Ämnet kan lätt upptas genom huden Det föreskrivna gränsvärdet bedöms ge tillräckligt skydd endast under förutsättning att huden är skyddad mot exponering för ämnet ifråga)
United Kingdom	Local name	1-Methoxypropan-2-ol
United Kingdom	WEL TWA (mg/m³)	375 mg/m³
United Kingdom	WEL TWA (ppm)	100 ppm
United Kingdom	WEL STEL (mg/m³)	560 mg/m³
United Kingdom	WEL STEL (ppm)	150 ppm
United Kingdom	Remark (WEL)	Sk (Can be absorbed through the skin. The assigned substances are those for which there are concerns that dermal absorption will lead to systemic toxicity)
Norway	Local name	1-metoksi-2-propanol (Propylenglykolmonometyleter)

Derwent Academy Assorted Markers- 4CT

Safety Data Sheet

*** DRAFT ***

according to Regulation (EC) No. 1907/2006 (REACH) with its amendment Regulation (EU) 2015/830

1-methoxy-2-propanol, monopropylene glycol methyl ether (107-98-2)		
Norway	Grenseverdier (AN) (mg/m³)	180 mg/m³
Norway	Grenseverdier (AN) (ppm)	50 ppm
Norway	Merknader (NO)	H (Kjemikalier som kan tas opp gjennom huden); E (EU har en veiledende grenseverdi for stoffet)
Switzerland	Local name	1-Methoxypropanol-2 (PGME)
Switzerland	MAK (mg/m³)	360 mg/m³ 360 mg/m³ 360 mg/m³
Switzerland	MAK (ppm)	100 ppm 100 ppm 100 ppm
Switzerland	KZGW (mg/m³)	720 mg/m³ 720 mg/m³ 720 mg/m³
Switzerland	KZGW (ppm)	200 ppm 200 ppm 200 ppm
Switzerland	Remark (CH)	B SS _C - ZNS, Auge ^{KT HU}
Australia	Local name	Propylene glycol monomethyl ether
Australia	TWA (mg/m³)	369 mg/m³ Synonym (1-Methoxypropan-2-ol)
Australia	TWA (ppm)	100 ppm Synonym (1-Methoxypropan-2-ol)
Australia	STEL (mg/m³)	553 mg/m³ Synonym (1-Methoxypropan-2-ol)
Australia	STEL (ppm)	150 ppm Synonym (1-Methoxypropan-2-ol)
USA - ACGIH	Local name	1-Methoxy-2-propanol
USA - ACGIH	ACGIH TWA (ppm)	50 ppm
USA - ACGIH	ACGIH STEL (ppm)	100 ppm
USA - ACGIH	Remark (ACGIH)	Eye irr; CNS impair; A4 (Not classifiable as a Human Carcinogen: Agents which cause concern that they could be carcinogenic for humans but which cannot be assessed conclusively because of a lack of data. In vitro or animal studies do not provide indications of carcinogenicity which are sufficient to classify the agent into one of the other categories)
propan-1-ol, n-propanol (71-23-8)		
Austria	Local name	n-Propanol
Austria	MAK (mg/m³)	500 mg/m³
Austria	MAK (ppm)	200 ppm
Belgium	Local name	Alcool propylique # n-Propanol
Belgium	Limit value (mg/m³)	250 mg/m³
Belgium	Limit value (ppm)	100 ppm
Bulgaria	Local name	Пропилов алкохол
Bulgaria	OEL TWA (mg/m³)	300 mg/m³
Bulgaria	OEL STEL (mg/m³)	500 mg/m³
Croatia	Local name	Propan-1-ol; (n-Propanol)
Croatia	GVI (granična vrijednost izloženosti) (mg/m³)	500 mg/m³
Croatia	GVI (granična vrijednost izloženosti) (ppm)	200 ppm
Croatia	KGVI (kratkotrajna granična vrijednost izloženosti) (mg/m³)	625 mg/m³
Croatia	KGVI (kratkotrajna granična vrijednost izloženosti) (ppm)	250 ppm
Croatia	Naznake (HR)	K (Skin): (naznaka da tvar može štetno djelovati kroz kožu); F (lako zapaljivo); Xi (nadražujuće)
Czech Republic	Local name	n-Propanol
Czech Republic	Expoziční limity (PEL) (mg/m³)	500 mg/m³
Czech Republic	Expoziční limity (PEL) (ppm)	204 ppm
Czech Republic	Expoziční limity (NPK-P) (mg/m³)	1000 mg/m³
Czech Republic	Expoziční limity (NPK-P) (ppm)	410 ppm
Czech Republic	Remark (CZ)	D
Denmark	Local name	1-Propanol (n-Propylalkohol)
Denmark	Grænseværdie (langvarig) (mg/m³)	500 mg/m³

Derwent Academy Assorted Markers- 4CT

Safety Data Sheet

*** DRAFT ***

according to Regulation (EC) No. 1907/2006 (REACH) with its amendment Regulation (EU) 2015/830

propan-1-ol, n-propanol (71-23-8)		
Denmark	Grænseværdie (langvarig) (ppm)	200 ppm
Denmark	Anmærkninger (DK)	H (betyder, at stoffet kan optages gennem huden)
Finland	Local name	1-Propanoli
Finland	HTP-arvo (8h) (mg/m³)	500 mg/m³
Finland	HTP-arvo (8h) (ppm)	200 ppm
Finland	HTP-arvo (15 min)	620 mg/m³
Finland	HTP-arvo (15 min) (ppm)	250 ppm
France	Local name	Alcool n-propylique
France	VME (mg/m³)	500 mg/m³
France	VME (ppm)	200 ppm
France	Note (FR)	Valeurs recommandées/admises
Greece	OEL TWA (mg/m³)	500 mg/m³
Greece	OEL TWA (ppm)	200 ppm
Greece	OEL STEL (mg/m³)	625 mg/m³
Greece	OEL STEL (ppm)	250 ppm
Ireland	Local name	n-Propanol
Ireland	OEL (8 hours ref) (ppm)	100 ppm
Ireland	Notes (IE)	Sk
Latvia	Local name	Propilspirts(1-propanols)
Latvia	OEL TWA (mg/m³)	10 mg/m³
Poland	Local name	Propan-1-ol (propylowy alkohol)
Poland	NDS (mg/m³)	200 mg/m³
Poland	NDSh (mg/m³)	600 mg/m³
Portugal	Local name	n-Propanol (Álcool n-propilo)
Portugal	OEL TWA (ppm)	100 ppm
Romania	Local name	Alcool propilic
Romania	OEL TWA (mg/m³)	200 mg/m³
Romania	OEL TWA (ppm)	81 ppm
Romania	OEL STEL (mg/m³)	500 mg/m³
Romania	OEL STEL (ppm)	203 ppm
Spain	Local name	n-Propanol (Alcohol n-propílico)
Spain	VLA-ED (mg/m³)	500 mg/m³
Spain	VLA-ED (ppm)	200 ppm
Spain	VLA-EC (mg/m³)	1000 mg/m³
Spain	VLA-EC (ppm)	400 ppm
Spain	Notes	Vía dérmica (Indica que, en las exposiciones a esta sustancia, la aportación por la vía cutánea puede resultar significativa para el contenido corporal total si no se adoptan medidas para prevenir la absorción. En estas situaciones, es aconsejable la utilización del control biológico para poder cuantificar la cantidad global absorbida del contaminante. Para más información véase el Apartado 5 de este documento), s (Esta sustancia tiene prohibida total o parcialmente su comercialización y uso como fitosanitario y/o como biocida. Para una información detallada acerca de las prohibiciones consúltase: Base de datos de productos biocidas: http://www.msssi.gob.es/ciudadanos/productos.do?tip o=plaguicidas Base de datos de productos fitosanitarios http://www.magrama.gob.es/agricultura/pags/fitos/regi stro/fichas/pdf/Lista_sa.pdf).
Sweden	Local name	n-Propanol
Sweden	nivågränsvärde (NVG) (mg/m³)	350 mg/m³
Sweden	nivågränsvärde (NVG) (ppm)	150 ppm
Sweden	kortidsvärde (KTV) (mg/m³)	600 mg/m³

Derwent Academy Assorted Markers- 4CT

Safety Data Sheet

*** DRAFT ***

according to Regulation (EC) No. 1907/2006 (REACH) with its amendment Regulation (EU) 2015/830

propan-1-ol, n-propanol (71-23-8)		
Sweden	kortidsvärde (KTV) (ppm)	250 ppm
Sweden	Anmärkning (SE)	V (Vägledande kortidsgränsvärde ska användas som ett rekommenderat högsta värde som inte bör överskridas)
United Kingdom	Local name	Propan-1-ol
United Kingdom	WEL TWA (mg/m³)	500 mg/m³
United Kingdom	WEL TWA (ppm)	200 ppm
United Kingdom	WEL STEL (mg/m³)	625 mg/m³
United Kingdom	WEL STEL (ppm)	250 ppm
United Kingdom	Remark (WEL)	Sk (Can be absorbed through the skin. The assigned substances are those for which there are concerns that dermal absorption will lead to systemic toxicity)
Norway	Local name	1-propanol
Norway	Grenseverdier (AN) (mg/m³)	245 mg/m³
Norway	Grenseverdier (AN) (ppm)	100 ppm
Norway	Merknader (NO)	H (Kjemikalier som kan tas opp gjennom huden)
Switzerland	Local name	n-Propanol
Switzerland	MAK (mg/m³)	500 mg/m³
Switzerland	MAK (ppm)	200 ppm
Switzerland	Remark (CH)	H - Auge ^{KT AN} & OAW ^{KT AN} - INRS, NIOSH
Australia	Local name	Propyl alcohol
Australia	TWA (mg/m³)	492 mg/m³ Synonym (Propan-1-ol)
Australia	TWA (ppm)	200 ppm Synonym (Propan-1-ol)
Australia	STEL (mg/m³)	614 mg/m³ Synonym (Propan-1-ol)
Australia	STEL (ppm)	250 ppm Synonym (Propan-1-ol)
Australia	Remark (AU)	Sk - Absorption through the skin may be a significant source of exposure.
USA - ACGIH	Local name	n-Propanol (n-Propyl alcohol)
USA - ACGIH	ACGIH TWA (ppm)	100 ppm
USA - ACGIH	Remark (ACGIH)	Eye & URT irr
USA - OSHA	Local name	n-Propyl alcohol
USA - OSHA	OSHA PEL (TWA) (mg/m³)	500 mg/m³
USA - OSHA	OSHA PEL (TWA) (ppm)	200 ppm

8.2. Exposure controls

Appropriate engineering controls:

Ensure good ventilation of the work station.

Personal protective equipment:

Avoid all unnecessary exposure. Safety glasses. Gloves. Protective clothing.

Hand protection:

Protective gloves

Eye protection:

Safety glasses

Skin and body protection:

Wear suitable protective clothing

Respiratory protection:

Wear respiratory protection



Derwent Academy Assorted Markers- 4CT

Safety Data Sheet

*** DRAFT ***

according to Regulation (EC) No. 1907/2006 (REACH) with its amendment Regulation (EU) 2015/830

Environmental exposure controls:

Avoid release to the environment.

SECTION 9: Physical and chemical properties

9.1. Information on basic physical and chemical properties

Physical state	: Liquid
Colour	: Black.
Odour	: No data available
Odour threshold	: No data available
pH	: No data available
Relative evaporation rate (butylacetate=1)	: No data available
Melting point	: Not applicable
Freezing point	: No data available
Boiling point	: 96 °C
Flash point	: 23 °C
Auto-ignition temperature	: 287 °C
Decomposition temperature	: No data available
Flammability (solid, gas)	: Not applicable
Vapour pressure	: 19 hPa
Relative vapour density at 20 °C	: No data available
Relative density	: No data available
Density	: 0,85 g/cm ³
Solubility	: No data available
Log Pow	: No data available
Viscosity, kinematic	: No data available
Viscosity, dynamic	: 4,5 mPa.s
Explosive properties	: No data available
Oxidising properties	: No data available
Explosive limits	: 1,7 - 13,5 vol %

9.2. Other information

No additional information available

SECTION 10: Stability and reactivity

10.1. Reactivity

Flammable liquid and vapour.

10.2. Chemical stability

Stable under normal conditions.

10.3. Possibility of hazardous reactions

No dangerous reactions known under normal conditions of use.

10.4. Conditions to avoid

Avoid contact with hot surfaces. Heat. No flames, no sparks. Eliminate all sources of ignition.

10.5. Incompatible materials

No additional information available

10.6. Hazardous decomposition products

Under normal conditions of storage and use, hazardous decomposition products should not be produced.

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

1-methoxy-2-propanol, monopropylene glycol methyl ether (107-98-2)

LD50 dermal rat	> 2000 mg/kg bodyweight (Rat; Experimental value; Other)
-----------------	--

propan-1-ol, n-propanol (71-23-8)

LD50 oral rat	> 2000 mg/kg (Rat)
---------------	--------------------

Derwent Academy Assorted Markers- 4CT

Safety Data Sheet

*** DRAFT ***

according to Regulation (EC) No. 1907/2006 (REACH) with its amendment Regulation (EU) 2015/830

propan-1-ol, n-propanol (71-23-8)	
LD50 dermal rabbit	4049 mg/kg (Rabbit)
LC50 inhalation rat (mg/l)	9,8 mg/l/4h (Rat)

C. I. Solvent Orange 3 (495-54-5..)	
LD50 oral rat	1650 mg/kg (Rat)

Skin corrosion/irritation	: Not classified
Serious eye damage/irritation	: Not classified
Respiratory or skin sensitisation	: Not classified
Germ cell mutagenicity	: Not classified
Carcinogenicity	: Not classified
Reproductive toxicity	: Not classified

STOT-single exposure : Not classified

STOT-repeated exposure : Not classified

Aspiration hazard : Not classified

Derwent Academy Assorted Markers- 4CT	
Viscosity, kinematic	5,29411765 mm²/s

SECTION 12: Ecological information

12.1. Toxicity

Ecology - general	: Toxic to aquatic life with long lasting effects. Harmful to aquatic life.
Acute aquatic toxicity	: Not classified
Chronic aquatic toxicity	: Not classified

1-methoxy-2-propanol, monopropylene glycol methyl ether (107-98-2)	
Threshold limit algae 1	> 1000 mg/l (EC50; Other; 168 h; Pseudokirchneriella subcapitata; Static system; Fresh water; Experimental value)

propan-1-ol, n-propanol (71-23-8)	
LC50 fish 2	4480 mg/l (LC50; 96 h; Pimephales promelas)
EC50 Daphnia 2	3644 mg/l (EC50; 48 h)

C. I. Solvent Orange 3 (495-54-5..)	
LC50 fish 1	0,3 mg/l (LC50; 48 h)

12.2. Persistence and degradability

1-methoxy-2-propanol, monopropylene glycol methyl ether (107-98-2)	
Persistence and degradability	Readily biodegradable in water. Biodegradable in soil. Very mobile in soil. Photodegradation in the air.
ThOD	1,95 g O ₂ /g substance

propan-1-ol, n-propanol (71-23-8)	
Persistence and degradability	Readily biodegradable in water. Biodegradable in soil. Biodegradable in soil in anaerobic condition.
Biochemical oxygen demand (BOD)	0,47 - 1,63 g O ₂ /g substance
Chemical oxygen demand (COD)	2,23 g O ₂ /g substance
ThOD	2,4 g O ₂ /g substance
BOD (% of ThOD)	0,20 - 0,44

12.3. Bioaccumulative potential

1-methoxy-2-propanol, monopropylene glycol methyl ether (107-98-2)	
BCF fish 1	1 (BCF)
Bioaccumulative potential	Low bioaccumulation potential (Log K _{ow} < 4).

propan-1-ol, n-propanol (71-23-8)	
Log Pow	0,25 (Experimental value)
Bioaccumulative potential	Low bioaccumulation potential (Log K _{ow} < 4).

C. I. Solvent Orange 3 (495-54-5..)	
Log Pow	2,13 - 2,845

Derwent Academy Assorted Markers- 4CT

Safety Data Sheet

*** DRAFT ***

according to Regulation (EC) No. 1907/2006 (REACH) with its amendment Regulation (EU) 2015/830

12.4. Mobility in soil

1-methoxy-2-propanol, monopropylene glycol methyl ether (107-98-2)

Surface tension 0,0707 N/m (20 °C; 1 g/l)

propan-1-ol, n-propanol (71-23-8)

Surface tension 0,024 N/m (20 °C)

12.5. Results of PBT and vPvB assessment

Component

C.I. solvent blue 4 (6786-83-0.)

This substance/mixture does not meet the PBT criteria of REACH regulation, annex XIII
This substance/mixture does not meet the vPvB criteria of REACH regulation, annex XIII

12.6. Other adverse effects

No additional information available

SECTION 13: Disposal considerations

13.1. Waste treatment methods

Waste treatment methods : Dispose of contents/container in accordance with licensed collector's sorting instructions.
Additional information : Flammable vapours may accumulate in the container.
Ecology - waste materials : Avoid release to the environment.

SECTION 14: Transport information

In accordance with ADR / RID / IMDG / IATA / ADN

ADR	IMDG	IATA	ADN	RID
14.1. UN number				
Not regulated	2924	2924	Not regulated	Not regulated
14.2. UN proper shipping name				
Not regulated	FLAMMABLE LIQUID, CORROSIVE, N.O.S.	Flammable liquid, corrosive, n.o.s.	Not regulated	Not regulated
Transport document description				
Not regulated	UN 2924 FLAMMABLE LIQUID, CORROSIVE, N.O.S., 3 (8), III	UN 2924 Flammable liquid, corrosive, n.o.s., 3 (8), III	Not regulated	Not regulated
14.3. Transport hazard class(es)				
Not regulated	3 (8)	3 (8)	Not regulated	Not regulated
Not regulated			Not regulated	Not regulated
14.4. Packing group				
Not regulated	III	III	Not regulated	Not regulated
14.5. Environmental hazards				
Not regulated	Dangerous for the environment : No Marine pollutant : No	Dangerous for the environment : No	Not regulated	Not regulated
No supplementary information available				

14.6. Special precautions for user

- Overland transport

Not regulated

- Transport by sea

Special provisions (IMDG) : 223, 274
Limited quantities (IMDG) : 5 L
Excepted quantities (IMDG) : E1
Packing instructions (IMDG) : P001
IBC packing instructions (IMDG) : IBC03
Tank instructions (IMDG) : T7
Tank special provisions (IMDG) : TP1, TP28
EmS-No. (Fire) : F-E
EmS-No. (Spillage) : S-C
Stowage category (IMDG) : A

Derwent Academy Assorted Markers- 4CT

Safety Data Sheet

*** DRAFT ***

according to Regulation (EC) No. 1907/2006 (REACH) with its amendment Regulation (EU) 2015/830

Stowage and handling (IMDG) : SW2
Properties and observations (IMDG) : Causes burns to skin, eyes and mucous membranes.

- Air transport

PCA Excepted quantities (IATA) : E1
PCA Limited quantities (IATA) : Y342
PCA limited quantity max net quantity (IATA) : 1L
PCA packing instructions (IATA) : 354
PCA max net quantity (IATA) : 5L
CAO packing instructions (IATA) : 365
CAO max net quantity (IATA) : 60L
Special provisions (IATA) : A3
ERG code (IATA) : 3C

- Inland waterway transport

Not regulated

- Rail transport

Not regulated

14.7. Transport in bulk according to Annex II of Marpol and the IBC Code

Not applicable

SECTION 15: Regulatory information

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

15.1.1. EU-Regulations

Contains no REACH substances with Annex XVII restrictions

Contains a substance on the REACH candidate list in concentration $\geq 0.1\%$ or with a lower specific limit: α,α -Bis[4-(dimethylamino)phenyl]-4-(phenylamino)naphthalene-1-methanol (C.I. Solvent Blue 4) [with $\geq 0.1\%$ of Michler's ketone (EC No. 202-027-5) or Michler's base (EC No. 202-959-2)] (EC 229-851-8, CAS 6786-83-0.)

Contains no REACH Annex XIV substances

15.1.2. National regulations

Germany

VwVwS Annex reference : Water hazard class (WGK) 3, severe hazard to waters (Classification water polluting based on the components in compliance with Verwaltungsvorschrift wassergefährdender Stoffe (VwVwS) of 27 July 2005 (Anhang 4))
Storage class (LGK) : LGK 10 - Combustible liquids
12th Ordinance Implementing the Federal Immission Control Act - 12.BImSchV : Is not subject of the 12. BImSchV (Hazardous Incident Ordinance)

Netherlands

SZW-lijst van kankerverwekkende stoffen : Benzenesulfonic Acid is listed
SZW-lijst van mutagene stoffen : Benzenesulfonic Acid is listed
NIET-limitatieve lijst van voor de voortplanting giftige stoffen – Borstvoeding : None of the components are listed
NIET-limitatieve lijst van voor de voortplanting giftige stoffen – Vruchtbaarheid : None of the components are listed
NIET-limitatieve lijst van voor de voortplanting giftige stoffen – Ontwikkeling : None of the components are listed

Denmark

Class for fire hazard : Class II-1
Store unit : 5 liter
Classification remarks : R10 <; Emergency management guidelines for the storage of flammable liquids must be followed
Recommendations Danish Regulation : Young people below the age of 18 years are not allowed to use the product
Pregnant/breastfeeding women working with the product must not be in direct contact with the product
The requirements from the Danish Working Environment Authorities regarding work with carcinogens must be followed during use and disposal

Derwent Academy Assorted Markers- 4CT

Safety Data Sheet

*** DRAFT ***

according to Regulation (EC) No. 1907/2006 (REACH) with its amendment Regulation (EU) 2015/830

15.2. Chemical safety assessment

No chemical safety assessment has been carried out

SECTION 16: Other information

Full text of H- and EUH-statements:

Acute Tox. 4 (Oral)	Acute toxicity (oral), Category 4
Aquatic Acute 1	Hazardous to the aquatic environment — Acute Hazard, Category 1
Aquatic Chronic 1	Hazardous to the aquatic environment — Chronic Hazard, Category 1
Aquatic Chronic 3	Hazardous to the aquatic environment — Chronic Hazard, Category 3
Eye Dam. 1	Serious eye damage/eye irritation, Category 1
Flam. Liq. 2	Flammable liquids, Category 2
Flam. Liq. 3	Flammable liquids, Category 3
Muta. 2	Germ cell mutagenicity, Category 2
Skin Corr. 1	Skin corrosion/irritation, Category 1
Skin Irrit. 2	Skin corrosion/irritation, Category 2
Skin Sens. 1	Skin sensitisation, Category 1
STOT SE 3	Specific target organ toxicity — Single exposure, Category 3, Narcosis
H225	Highly flammable liquid and vapour
H226	Flammable liquid and vapour
H302	Harmful if swallowed
H314	Causes severe skin burns and eye damage
H315	Causes skin irritation
H317	May cause an allergic skin reaction
H318	Causes serious eye damage
H336	May cause drowsiness or dizziness
H341	Suspected of causing genetic defects
H400	Very toxic to aquatic life
H410	Very toxic to aquatic life with long lasting effects
H412	Harmful to aquatic life with long lasting effects

SDS EU (REACH Annex II)

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.