

Date of Issue: 05-04-2024

Date of Revision: 01-11-2024

ACCORDING TO EC-REGULATIONS 1907/2006 (REACH), 1272/2008 (CLP) & 2020/878

SECTION 1: IDENTIFICATION OF THE SUBSTANCE/MIXTURE AND OF THE COMPANY/UNDERTAKING

1.1 Product identifier

Product Name Nobo Whiteboard Marker Ink

Product code 1901029, 1901033, 1901072, 1901073, 1901077, 1902408, 1901419, 1902076,

 $1902077,\, 1902081,\, 1902091,\, 1902096,\, 1902162,\, 1902238,\, 1902267,\, 1902386,\, 1902267,\, 1902386,\, 1902081,\, 1902081,\, 1902081,\, 1902091,\, 1902$

 $1903777,\,1903778,\,1903779,\,1903780,\,1903783,\,1903784,\,1903785,\,1903792,$

1903802, 1903810, 1903812, 1903813, 1903816, 1903859, 1904047, 1904048,

1905173, 1905174, 1905239, 1905265, 1915143, 1915144, 1915145, 1915146,

 $1915147,\, 1915149,\, 1915150,\, 1915151,\, 1915152,\, 1915153,\, 1915154, 1915155,\,$

1915158, 1915161, 1915162, 1915163, 1915165, 1915166, 1915167, 1915168,

1915169, 1915170, 1915171, 1915248, 1915249, 1915250, 1915251, 1915252,

1915253, 1915254, 1915255, 1915256, 1915257,1915369, 1915371, 1915372,

1915373, 1915374, 1915397, 1915402, 1915403, 1915408,1915454, 1915560,

1915561, 1915562, 1915563, 1915564, 1915565, 1915601, 1915602, 1915603,

1915604, 1915605, 1915606, 1915607, 1915609, 1915611, 1915612, 1915613,

1915614, 1915615, 1915616, 1915617,1915618, 1915619, 1915620, 1915621,

1915624, 1915625, 2104176, 2104177, 2104184, 1903798, 1901430, 1905330,

34438861, 1903775, 1903822, 1915377, 1915378, 1915379, 1915380, 1915381,

 $1915382,\, 1915383,\, 1915384,\, 1915385,\, 1915386,\, 1915387,\, 1915388,\, 19153890,\, 1915389,\, 191$

1915390, 1915391, 1915393, 1915264, 1915265, 1915266, 1915267, 1915268,

 $1915392,\, 1915444,\, 1915566,\, 1915567,\, 1901920,\, 1915156,\, 1915161,\, 1915168,\, 1915161,\, 1915$

1915370, 1915622, 1915623, 1915711, 2951400, 39470019, 39470061, 39470089, 52690019, 52690061, 52690089, 70420019, 70420061, 70420089, 70430019,

32030013, 32030001, 32030003, 10420013, 10420001, 10420003, 10430013

70430061, 70430089, 70440019, 70440061, 70440089, 8018500, 90170019, 90170061, 90170089, QB05142ASTD, QB05142CD, QB05442ASTD, QB05442CD,

QB05742C

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

Identified Use(s) Preparation for use in writing instruments.

Uses Advised Against Not known.

1.3 Details of the supplier of the safety data sheet

Manufacturer

Company Identification Acco UK Ltd.

Millennium House,

65 Walton Street, Aylesbury,

HP21 7QG.

Telephone +44 (0) 844 209 8360 Fax +44 (0) 845 603 1731

E-mail informationeurope@acco.com

Website www.acco.co.uk
Office hours 09:00 - 17:00

Supplier

Company Identification Esselte SAS

9 avenue Edouard Belin92500 Rueil-Malmaison Cedex

France

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 $\begin{array}{lll} \mbox{Telephone} & +33 \ (01) \ 49 \ 68 \ 13 \ 00 \\ \mbox{E-mail} & \mbox{contactfrance@acco.com} \end{array}$

Website www.esselte.com
Office hours 09:00 - 17:00

1.4 Emergency telephone number

Company (United Kingdom) +44 (0) 844 209 8360 (09:00 - 17:00) Company (France) +33 (01) 49 68 13 00 (09:00 - 17:00)

NHS Direct +44 111

SECTION 2: HAZARDS IDENTIFICATION

2.1 Classification of the substance or mixture

Regulation (EC) No. 1272/2008 (CLP) Flam. Liq. 2 :Highly flammable liquid and vapour.

Eye Irrit. 2: Causes serious eye irritation.

Aquatic Chronic 2: Toxic to aquatic life with long lasting effects.

2.2 Label elements

According to Regulation (EC) No. 1272/2008 (CLP)

Product Name Nobo Whiteboard Marker Ink

Hazard Pictogram(s)







Signal Word(s) Danger

Hazard Statement(s) H225: Highly flammable liquid and vapour.

H319: Causes serious eye irritation.

H411: Toxic to aquatic life with long lasting effects.

Precautionary Statement(s) P210: Keep away from heat, hot surfaces, sparks, open flames and other ignition

sources. No smoking.

P273: Avoid release to the environment.

P280: Wear protective gloves/protective clothing/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. P370+P378: In case of fire: Use water spray, foam, dry powder or ${\rm CO_2}$ to

extinguish.

P501: Dispose of contents in accordance with local, state or national legislation.

2.3 Other hazards

None known.

2.4 Additional Information

For full text of H/P Statements see section 16.

SECTION 3: COMPOSITION/INFORMATION ON INGREDIENTS

3.1 Substances

Not applicable.

3.2 Mixtures

HAZARDOUS INGREDIENT(S)	CAS No.	EC No. / REACH	%W/W	Hazard Statement(s)	Hazard

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		Registration No.			Pictogram(s)
Ethanol	64-17-5	200-578-6	60-70	Flam. Liq. 2 H225	GHS02
		01-2119457610-43-XXXX		Eye Irrit. 2 H319	GHS07
Propan-2-ol	67-63-0	200-661-7	10-20	Flam. Liq. 2 H225	GHS02
		01-2119457558-25-XXXX		Eye Irrit. 2 H319	GHS07
				STOT SE 3 H336	
Bis(2-ethylhexyl) maleate	142-16-5	205-524-5	1-10	STOT RE 2 H373	GHS08
		01-2119524002-60-XXXX		Aquatic Chronic 1 H410	GHS09
Poly(oxy-1,2-ethanediyl),	31800-88-1	688-486-6	<0.5	Skin Corr. 1 H314	GHS05
alpha-phosphono-omega-				Eye Dam. 1 H318	
(octyloxy)-					

HAZARDOUS INGREDIENT(S)	CAS No.	Specific Concentr	ation Limit	M-factor	ATE
Ethanol	64-17-5	Eye Irrit. 2	C>= 50.00 <= 100.00		

Contains no non-classified vPvB substances.

Contains no non-classified substances with a Union workplace exposure limit.

For full text of H/P Statements see section 16.

SECTION 4: FIRST AID MEASURES

4.1 Description of first aid measures

Inhalation If breathing is difficult, remove victim to fresh air and keep at rest in a position

comfortable for breathing.

Skin Contact Take off immediately all contaminated clothing. Rinse skin with water. If

symptoms occur obtain medical attention.

Eye Contact 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.

Ingestion Wash out mouth with water. If symptoms persist, obtain medical attention.

4.2 Most important symptoms and effects, both acute and delayed

Causes serious eye irritation.

4.3 Indication of any immediate medical attention and special treatment needed

Unlikely to be required but if necessary treat symptomatically.

SECTION 5: FIREFIGHTING MEASURES

5.1 Extinguishing media

Suitable Extinguishing media Use water spray, foam, dry powder or CO₂ to extinguish.

Unsuitable extinguishing media Water jet spray

5.2 Special hazards arising from the substance or mixture

Highly flammable liquid and vapour. Decomposes in a fire giving off toxic fumes:

Carbon monoxide, Carbon dioxide.

5.3 Advice for firefighters

Fire fighters should wear complete protective clothing including self-contained

breathing apparatus. Water spray should be used to cool containers.

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SECTION 6: ACCIDENTAL RELEASE MEASURES

6.1 Personal precautions, protective equipment and emergency procedures

Provide adequate ventilation. Use non-sparking ventilation systems, approved explosion-proof equipment, and intrinsically safe electrical systems. Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking. Wear suitable protective clothing, gloves and eye/face protection.

Wash hands and exposed skin thoroughly after handling.

6.2 Environmental precautions

Avoid release to the environment.

6.3 Methods and material for containment and cleaning up

Adsorb spillages onto sand, earth or any suitable adsorbent material. Collect spillage. Transfer to a container for disposal.

6.4 Reference to other sections

See Also Section 8, 13.

SECTION 7: HANDLING AND STORAGE

7.1 Precautions for safe handling

Provide adequate ventilation. Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking. Use explosion-proof electrical/ventilating/lighting/equipment. Keep container tightly closed. Use non-sparking tools. Take action to prevent static discharges. Wear protective gloves/protective clothing/eye protection/face protection. Wash hands and exposed skin thoroughly after handling. Keep out of reach of children.

7.2 Conditions for safe storage, including any incompatibilities

Store in a well-ventilated place. Keep cool.

Storage temperature Ambient.

Storage life Stable under normal conditions.

Incompatible materials Alkaline metal, Alkaline earth metal, Strong oxidising agents, Nitric acid,

Sulphuric acid, Peroxides.

7.3 Specific end use(s)

Preparation for use in writing instruments.

SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION

8.1 Control parameters

8.1.1 Occupational Exposure Limits

SUBSTANCE	CAS No.	LTEL (8 hr TWA ppm)	LTEL (8 hr TWA mg/m³)	STEL (ppm)	STEL (mg/m³)	Note
Ethanol	64-17-5	1000	1920			
Propan-2-ol	67-63-0	400	999	500	1250	

Source UK Workplace Exposure Limits EH40/2005 (Fourth edition, published 2020), United Kingdom

8.2 Exposure controls

8.2.1. Appropriate engineering controls Use non-sparking ventilation systems, approved explosion-proof equipment, and

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intrinsically safe electrical systems. Ensure adequate ventilation. A washing

facility/water for eye and skin cleaning purposes should be present.

8.2.2. Personal protection equipment

Eye Protection Wear eye protection with side protection (EN166).

Skin protection Wear protective clothing and gloves: Impervious gloves (EN 374).

Recommended: Butyl rubber (0.5 mm), Fluorocarbon rubber (0.4 mm)

Breakthrough time of the glove material: refer to the information provided by the

gloves' producer.

Respiratory protection

Normally no personal respiratory protection is necessary. Wear suitable respiratory protective equipment if exposure to levels above the occupational

exposure limit is likely.

Recommended: A suitable mask with filter type A may be appropriate.

Thermal hazards Not applicable.

8.2.3. 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 Various colours.

Odour Not known.

Melting point/freezing point -114.5 ° C

Boiling point or initial boiling point and 78.3 ° C

boiling range

Flammability Not known.

Lower and upper explosion limit Flammable Limits (Upper) (%v/v): 15

Flammable Limits (Lower) (%v/v): 3.5

Flash Point 12 ° C
Auto-ignition temperature 425 ° C
Decomposition Temperature Not known.
pH Not known.
Kinematic Viscosity Not known.

Solubility Solubility (Water): Miscible

Solubility (Other): Miscible with most organic solvents.

Partition coefficient n-octanol/water

(log value)

Not known.

Vapour pressure

Density and/or relative density

Relative vapour density

Not known.

Particle characteristics

Not applicable.

9.2 Other information

None.

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SECTION 10: STABILITY AND REACTIVITY

10.1 Reactivity

Stable under normal conditions.

10.2 Chemical Stability

Stable under normal conditions.

10.3 Possibility of hazardous reactions

No hazardous reactions known if used for its intended purpose.

10.4 Conditions to avoid

Avoid friction, sparks, or other means of ignition.

10.5 Incompatible materials

Alkaline metal, Alkaline earth metal, Strong oxidising agents, Nitric acid,

Sulphuric acid, Peroxides.

10.6 Hazardous decomposition products

No hazardous decomposition products known.

SECTION 11: TOXICOLOGICAL INFORMATION

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

Acute toxicity - Ingestion Calculation method : Not classified.

Low oral toxicity.

Acute toxicity - Skin Contact Calculation method : Not classified.

Low acute toxicity.

Acute toxicity - Inhalation Calculation method : Not classified.

Low acute toxicity.

Skin corrosion/irritation Calculation method : Not classified.

Non-irritant.

Serious eye damage/irritation Calculation method : Causes serious eye irritation.

No data.

Skin sensitization data Calculation method : Not classified.

It is not a skin sensitiser.

Respiratory sensitization data Calculation method : Not classified.

Germ cell mutagenicity Calculation method : Not classified.

There is no evidence of mutagenic potential.

Carcinogenicity Calculation method : Not classified.

No evidence of carcinogenic effects.

Reproductive toxicity Calculation method : Not classified.

No evidence of reproductive effects. Calculation method : Not classified.

Lactation Calculation method : Not classified.

STOT - single exposure Calculation method : Not classified.

STOT - repeated exposure Calculation method : Not classified.

Aspiration hazard Calculation method : Not classified.

11.2 Information on other hazards

Not known.

SECTION 12: ECOLOGICAL INFORMATION

12.1 Toxicity

Toxic to aquatic life with long lasting effects.

Toxicity - Aquatic invertebrates No data.

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Toxicity - Fish No data.

Toxicity - Algae No data.

Toxicity - Sediment Compartment Not classified.

Toxicity - Terrestrial Compartment Not classified.

12.2 Persistence and degradability

Part of the components are biodegradable.

12.3 Bioaccumulative potential

No information available.

12.4 Mobility in soil

Miscible with water. The product is predicted to have high mobility in soil.

12.5 Results of PBT and vPvB assessment

Not classified as PBT or vPvB.

12.6 Endocrine disrupting properties

None known.

12.7 Other adverse effects

Not known.

SECTION 13: DISPOSAL CONSIDERATIONS

13.1 Waste treatment methods

Dispose of this material and its container to hazardous or special waste

collection point. Dispose at suitable refuse site.

13.2 Additional Information

Disposal should be in accordance with local, state or national legislation.

SECTION 14: TRANSPORT INFORMATION

14.1 UN number or ID number

UN No. 1993

14.2 UN proper shipping name

UN proper shipping name FLAMMABLE LIQUID, N.O.S. (Contains: Ethanol, Propan-2-ol)

14.3 Transport hazard class(es)

ADR/RID

ADR/RID Class 3
ADR Classification Code F1

Special Provisions 274, 601, 640D

Limited Quantities 1 L
Excepted Quantities E2
Emergency Action Code •3YE

Mixed Packing Instructions for P001 IBC02 R001

Packages

Mixed Packing Instructions for MP19

Packages

Packing Instructions for Portable Tanks T7

Special Provisions for Portable Tanks TP1 TP8 TP28

Tank Code for TanksLGBFVehicle for Tank CarriageFLADR Transport Category2Tunnel Restriction CodeD/E

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Special Provisions for Carriage - S2 S20

Operation

ADR HIN 33

IMDG

IMDG Class 3

Special Provisions 274, 601, 640D

Limited Quantities 1 L
Excepted Quantities E2

Mixed Packing Instructions for P001 IBC02 R001

Packages

Packing Instructions for Portable Tanks T7

Special Provisions for Portable Tanks TP1 TP8 TP28 IMDG EMS F-E, S-E Stowage and Handling Category B

ICAO/IATA

IATA Proper Shipping Name FLAMMABLE LIQUID, N.O.S. (Contains: Ethanol, Propan-2-ol)

Excepted Quantities E2
Passenger and Cargo Aircraft Limited Y341

Quantities Packing Instructions

Passenger and Cargo Aircraft Limited 1L

Quantities Max net Qty

Passenger and Cargo Aircraft Packing 353

Instructions

Passenger and Cargo Aircraft Max net 5L

Qty

Cargo Aircraft Packing Instructions 364
Cargo Aircraft Max net Qty 60L
Special Provisions A3
Emergency Response Guidebook (ERG) 3H

Code Labels

Labels 3



14.4 Packing group

Packing group II

14.5 Environmental hazards

Environmental hazards Classified as a Marine Pollutant.

14.6 Special precautions for user

Special precautions for user Not known.

14.7 Maritime transport in bulk according to IMO instruments

No information available

SECTION 15: REGULATORY INFORMATION

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

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European Regulations - Authorisations and/or Restrictions On Use

Candidate List of Substances of Very Not listed

High Concern for Authorisation

REACH: ANNEX XIV list of substances Not listed

subject to authorisation

REACH: Annex XVII Restrictions on the Ethanol (64-17-5), Propan-2-ol (67-63-0), Bis(2-ethylhexyl) maleate (142-16-5), manufacture, placing on the market and Poly(oxy-1,2-ethanediyl), alpha-phosphono-omega-(octyloxy)- (31800-88-1)

 $use\ of\ certain\ dangerous\ substances,$

mixtures and articles

Community Rolling Action Plan (CoRAP) Not listed Regulation (EU) N° 2019/1021 of the Not listed

European Parliament and of the Council

on persistent organic pollutants

Regulation (EC) N° 1005/2009 on Not listed

substances that deplete the ozone layer

Regulation (EU) N° 649/2012 of the Not listed

European Parliament and of the Council concerning the export and import of

hazardous chemicals

National regulations

Wassergefährdungsklasse (Germany) WGK number 3 (highly hazardous to water)

15.2 Chemical Safety Assessment

Not applicable.

SECTION 16: OTHER INFORMATION

The following sections contain revisions or new statements:

1, 16

LEGEND

Hazard Pictogram(s)







GHS02

GHS05: GHS: Corrosion GHS08: GHS: Health hazard

Hazard classification

Flam. Liq. 2 : Flammable liquid, Category 2

Skin Corr. 1 : Skin corrosion/irritation, Category 1
Eye Dam. 1 : Serious eye damage/irritation, Category 1
Eye Irrit. 2 : Serious eye damage/irritation, Category 2

STOT SE 3: Specific target organ toxicity — single exposure, Category 3
STOT RE 2: Specific target organ toxicity — repeated exposure, Category 2
Aquatic Chronic 1: Hazardous to the aquatic environment, Chronic, Category 1
Aquatic Chronic 2: Hazardous to the aquatic environment, Chronic, Category 2

Hazard Statement(s)

H225: Highly flammable liquid and vapour.

H314: Causes severe skin burns and eye damage.

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Precautionary Statement(s)

Acronyms

NOBO Whiteboard Marker Ink SAFETY DATA SHEET

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H318: Causes serious eye damage.

H319: Causes serious eye irritation.

H336: May cause drowsiness or dizziness.

H373: May cause damage to organs through prolonged or repeated exposure.

H410: Very toxic to aquatic life with long lasting effects.

H411: Toxic to aquatic life with long lasting effects.

P210: Keep away from heat, hot surfaces, sparks, open flames and other ignition

sources. No smoking.

P233: Keep container tightly closed.

P240: Ground and bond container and receiving equipment.

P241: Use explosion-proof electrical/ventilating/lighting/equipment.

P242: Use non-sparking tools.

P243: Take action to prevent static discharges.

P264: Wash hands and exposed skin thoroughly after handling.

P273: Avoid release to the environment.

P280: Wear protective gloves/protective clothing/eye protection/face protection.

 ${\sf P303+P361+P353:} \ {\sf IF} \ {\sf ON} \ {\sf SKIN} \ ({\sf or} \ {\sf hair}) {\sf :} \ {\sf Take} \ {\sf off} \ {\sf immediately} \ {\sf all} \ {\sf contaminated}$

clothing. Rinse skin with water.

P305+P351+P338: IF IN EYES: Rinse cautiously with water for several minutes.

Remove contact lenses, if present and easy to do. Continue rinsing. P337+P313: If eye irritation persists: Get medical advice/attention. P370+P378: In case of fire: Use water spray, foam, dry powder or CO_2 to

extinguish.

P391: Collect spillage.

P403+P235: Store in a well-ventilated place. Keep cool.

P501: Dispose of contents in accordance with local, state or national legislation. ADR: European Agreement concerning the International Carriage of Dangerous

Goods by Road

ATE : Acute Toxicity Estimate
CAS : Chemical Abstracts Service

CLP: Regulation (EC) No 1272/2008 on classification, labelling and packaging of

substances and mixtures EC: European Community

IATA: International Air Transport Association

IBC: Intermediate Bulk Container

ICAO : International Civil Aviation Organization
IMDG : International Maritime Dangerous Goods

LTEL: Long term exposure limit

PBT : Persistent, Bioaccumulative and Toxic

REACH: Registration, Evaluation, Authorisation and Restriction of Chemicals RID: Regulations concerning the International Carriage of Dangerous Goods by

Rail

STEL : Short term exposure limit STOT : Specific Target Organ Toxicity

UN: United Nations

vPvB: very Persistent and very Bioaccumulative

Key literature references and sources

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

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for data used to compile the SDS

Training Advice Regular safety training as appropriate

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SECTION 1: IDENTIFICATION OF THE SUBSTANCE/MIXTURE AND OF THE COMPANY/UNDERTAKING

1.1 Product identifier

Product Name NoboClene Cleaning Wipes (100)

Product code 1901438

1915711 - Nobo Whiteboard Accessory Kit Bag

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

Identified Use(s) Consumer use, Professional use – Whiteboard wipes.

Uses Advised Against None known.

1.3 Details of the supplier of the safety data sheet

Manufacturer

Company Identification Acco UK Ltd.

Millennium House, 65 Walton Street.

Aylesbury. Bucks.

HP21 7QG

Telephone +44 (0) 844 209 8360 Fax +44 (0) 845 603 1731

E-mail informationeurope@acco.com

Website www.acco.co.uk
Office hours 09:00 - 17:00

Supplier

Company Identification Esselte SAS

9 avenue Edouard Belin 92566 Rueil-Malmaison Cedex

France

Telephone +33 (01) 49 68 13 00

E-mail contactfrance@acco.com

Website www.esselte.com

Office hours 09:00 - 17:00

1.4 Emergency telephone number

Company (United Kingdom) +44 (0) 844 209 8360 (09:00 - 17:00) Company (France) +33 (01) 49 68 13 00 (09:00 - 17:00)

SECTION 2: HAZARDS IDENTIFICATION

2.1 Classification of the substance or mixture

Regulation (EC) No. 1272/2008 (CLP) Not classified as dangerous for supply/use.

2.2 Label elements

According to Regulation (EC) No. 1272/2008 (CLP)

Product Name NoboClene Cleaning Wipes (100)

Hazard Pictogram(s)

Signal Word(s)

Hazard Statement(s)

Precautionary Statement(s)

None.

None.

2.3 Other hazards

None known.

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2.4 Additional Information

None.

SECTION 3: COMPOSITION/INFORMATION ON INGREDIENTS

Product as supplied: Wipes.

3.1 Substances

Not applicable.

3.2 Mixtures

HAZARDOUS	CAS No.	EC No. / REACH	%W/W	Hazard Statement(s)	Hazard
INGREDIENT(S)		Registration No.			Pictogram(s)
Propan-2-ol	67-63-0	200-661-7	1 - 5	Flam. Liq. 2 H225	GHS02
		01-2119457558-25-		Eye Irrit. 2 H319	GHS07
		XXXX		STOT SE 3 H336	
2-butoxyethanol	111-76-2	203-905-0	1 - 5	Acute Tox. 4 H302	GHS07
		01-2119475108-36-		Skin Irrit. 2 H315	
		XXXX		Eye Irrit. 2 H319	
				Acute Tox. 4 H332	

HAZARDOUS INGREDIENT(S)	CAS No.	Specific Concentration Limit	M-factor	ATE
2-butoxyethanol	111-76-2			Acute Tox. 4 (H302) : 1200 (15th
				ATP)
				Acute Tox. 4 (H332) : 1.5

Contains no non-classified vPvB substances.

Contains no non-classified substances with a Union workplace exposure limit.

For full text of H/P Statements see section 16.

SECTION 4: FIRST AID MEASURES

4.1 Description of first aid measures

Inhalation If breathing is difficult, remove victim to fresh air and keep at rest in a position

comfortable for breathing.

Skin Contact Wash hands and exposed skin after use.

Eye Contact Flush eyes with water for at least 15 minutes.

Ingestion Unlikely route of exposure.

4.2 Most important symptoms and effects, both acute and delayed

None anticipated.

4.3 Indication of any immediate medical attention and special treatment needed

Unlikely to be required but if necessary treat symptomatically.

SECTION 5: FIREFIGHTING MEASURES

5.1 Extinguishing media

Suitable Extinguishing media As appropriate for surrounding fire.

Unsuitable extinguishing media None known.

5.2 Special hazards arising from the substance or mixture

Decomposes in a fire giving off toxic fumes: Carbon monoxide, Carbon dioxide.

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5.3 Advice for firefighters

Fire fighters should wear complete protective clothing including self-contained

breathing apparatus.

SECTION 6: ACCIDENTAL RELEASE MEASURES

6.1 Personal precautions, protective equipment and emergency procedures

Provide adequate ventilation. Wash hands and exposed skin thoroughly after

handling.

6.2 Environmental precautions

Do not allow to enter drains, sewers or watercourses.

6.3 Methods and material for containment and cleaning up

Collect mechanically and dispose of according to Section 13.

6.4 Reference to other sections

See Also Section 8, 13.

SECTION 7: HANDLING AND STORAGE

7.1 Precautions for safe handling

General hygiene measures for the handling of chemicals are applicable.

Wash hands and exposed skin thoroughly after handling.

7.2 Conditions for safe storage, including any incompatibilities

Storage temperature Ambient.

Storage life Stable under normal conditions.

Incompatible materials None known.

7.3 Specific end use(s)

Consumer use, Professional use – Whiteboard wipes.

SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION

8.1 Control parameters

8.1.1 Occupational Exposure Limits

SUBSTANCE	CAS No.	LTEL (8 hr TWA ppm)	LTEL (8 hr TWA mg/m³)	STEL (ppm)	STEL (mg/m³)	Note
Propan-2-ol	67-63-0	400	999	500	1250	
2-Butoxyethanol	111-76-2	25	123	50	246	Sk, BMGV

Source UK Workplace Exposure Limits EH40/2005 (Fourth edition, published 2020), United Kingdom

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.

BMGV Biological monitoring guidance values are listed in Table 2.

Biological Expos	ure Indices					
Substances	CAS Number	Sampling	Tissues	Control parameters	Biological monitoring guidance value	Comments
2-Butoxyethanol	111-76-2	Post shift	urine	butoxyacetic acid	240 mmol butoxyacetic acid/mol creatinine	

8.2 Exposure controls

8.2.1. Appropriate engineering controls Ensure adequate ventilation.

8.2.2. Personal protection equipment

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Eye Protection Not normally required.



Skin protection Not normally required.



Respiratory protection Normally no personal respiratory protection is necessary.



Thermal hazards Not applicable.

8.2.3. Environmental Exposure Controls Do not allow to enter drains, sewers or watercourses.

SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

9.1 Information on basic physical and chemical properties

Physical state Solid (Wipes).

Colour Colourless.

Odour Perfume.

Melting point/freezing point Not applicable.

Boiling point or initial boiling point and Not applicable.

boiling range

Flammability

Lower and upper explosion limit

Flash Point

Auto-ignition temperature

Decomposition Temperature

pH

Not applicable.

Not applicable.

Not known.

Not known.

Not known.

Not known.

Not applicable.

Solubility (Water): Not known. Solubility (Other): Not known.

Partition coefficient n-octanol/water

(log value)

Not known.

Vapour pressure

Density and/or relative density

Relative vapour density

Particle characteristics

Not applicable.

Not known.

9.2 Other information

None.

SECTION 10: STABILITY AND REACTIVITY

10.1 Reactivity

Stable under normal conditions.

10.2 Chemical Stability

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Stable under normal conditions.

10.3 Possibility of hazardous reactions

No hazardous reactions known if used for its intended purpose.

10.4 Conditions to avoid

None anticipated.

10.5 Incompatible materials

Not known.

10.6 Hazardous decomposition products

No hazardous decomposition products known.

SECTION 11: TOXICOLOGICAL INFORMATION

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

Acute toxicity - Ingestion Calculation method : Not classified.

Low oral toxicity.

Calculated acute toxicity estimate (ATE): 24000

Acute toxicity - Skin Contact Calculation method : Not classified.

Low acute toxicity.

Acute toxicity - Inhalation Calculation method : Not classified.

Low acute toxicity.

Calculated acute toxicity estimate (ATE): 30

Skin corrosion/irritation Calculation method: Not classified.

Non-irritant.

Serious eye damage/irritation Calculation method : Not classified.
Skin sensitization data Calculation method : Not classified.

It is not a skin sensitiser.

Respiratory sensitization data

Calculation method : Not classified.

Germ cell mutagenicity

Calculation method : Not classified.

There is no evidence of mutagenic potential.

Carcinogenicity Calculation method : Not classified.

No evidence of carcinogenic effects.

Reproductive toxicity Calculation method : Not classified.

No evidence of reproductive effects. Calculation method : Not classified.

Lactation Calculation method : Not classified.

STOT - single exposure Calculation method : Not classified.

STOT - repeated exposure Calculation method : Not classified.

Aspiration hazard Calculation method : Not classified.

11.2 Information on other hazards

Not known.

SECTION 12: ECOLOGICAL INFORMATION

12.1 Toxicity

Toxicity - Aquatic invertebrates Low toxicity to invertebrates.

Toxicity - Fish Low toxicity to fish.

Toxicity - Algae Low toxicity to algae.

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Toxicity - Sediment Compartment Not classified.

Toxicity - Terrestrial Compartment Not classified.

12.2 Persistence and degradability

The product is biodegradable.

12.3 Bioaccumulative potential

The product has no potential for bioaccumulation.

12.4 Mobility in soil

No information available.

12.5 Results of PBT and vPvB assessment

Not classified as PBT or vPvB.

12.6 Endocrine disrupting properties

None known.

12.7 Other adverse effects

Not known.

SECTION 13: DISPOSAL CONSIDERATIONS

13.1 Waste treatment methods

Dispose at suitable refuse site.

13.2 Additional Information

Disposal should be in accordance with local, state or national legislation.

SECTION 14: TRANSPORT INFORMATION

Not classified as hazardous for transport.

14.1 UN number or ID number

Not applicable

14.2 UN proper shipping name

Not applicable

14.3 Transport hazard class(es)

Not applicable

14.4 Packing group

Not applicable

14.5 Environmental hazards

Not classified as a Marine Pollutant.

14.6 Special precautions for user

Not known

14.7 Maritime transport in bulk according to IMO instruments

Not known

SECTION 15: REGULATORY INFORMATION

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

European Regulations - Authorisations and/or Restrictions On Use

Candidate List of Substances of Very Not listed

High Concern for Authorisation

REACH: ANNEX XIV list of substances Not listed

subject to authorisation

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REACH: Annex XVII Restrictions on the Propan-2-ol (67-63-0), 2-butoxyethanol (111-76-2)

manufacture, placing on the market and use of certain dangerous substances,

mixtures and articles

Community Rolling Action Plan Not listed

(CoRAP)

Regulation (EU) N° 2019/1021 of the Not listed

European Parliament and of the Council

on persistent organic pollutants

Regulation (EC) N° 1005/2009 on Not listed

substances that deplete the ozone layer

Regulation (EU) N° 649/2012 of the Not listed

European Parliament and of the Council concerning the export and import of

hazardous chemicals

National regulations

Wassergefährdungsklasse (Germany) Mixture: WGK number 1 (slightly hazardous to water)

15.2 Chemical Safety Assessment

Not applicable.

SECTION 16: OTHER INFORMATION

The following sections contain revisions or new statements: 1-16

LEGEND

Company Identification: Address change

Hazard Pictogram(s) GHS02: GHS: Flame

GHS07: GHS: Exclamation mark

Hazard classification Flam. Liq. 2 : Flammable liquid, Category 2

Acute Tox. 4: Acute toxicity, Category 4

Skin Irrit. 2 : Skin corrosion/irritation, Category 2 Eye Irrit. 2 : Serious eye damage/irritation, Category 2

Acute Tox. 4: Acute toxicity, Category 4

STOT SE 3 : Specific target organ toxicity — single exposure, Category 3

Hazard Statement(s) H225: Highly flammable liquid and vapour.

H302: Harmful if swallowed.H315: Causes skin irritation.H319: Causes serious eye irritation.

H332: Harmful if inhaled.

H336: May cause drowsiness or dizziness.

Acronyms ATE : Acute Toxicity Estimate

CAS: Chemical Abstracts Service

CLP: Regulation (EC) No 1272/2008 on classification, labelling and packaging of

substances and mixtures

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EC: European Community
LTEL: Long term exposure limit

PBT: Persistent, Bioaccumulative and Toxic

REACH: Registration, Evaluation, Authorisation and Restriction of Chemicals

STEL: Short term exposure limit STOT: Specific Target Organ Toxicity

vPvB : very Persistent and very Bioaccumulative

Key literature references and sources for data used to compile the SDS

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

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ACCORDING TO EC-REGULATIONS 1907/2006 (REACH), 1272/2008 (CLP) & 2020/878

SECTION 1: IDENTIFICATION OF THE SUBSTANCE/MIXTURE AND OF THE COMPANY/UNDERTAKING

1.1 Product identifier

Product Name Nobo Whiteboard Cleaners

Product code 1901435 - Nobo Everyday Whiteboard Cleaner (250ml)

1901436 - Nobo Whiteboard Renovator (250ml)

1905330 - Nobo Glassboard Starter Kit
1901430 - Nobo Whiteboard User Kit
34438861 - Nobo Whiteboard Starter Kit
1915566 - Nobo Whiteboard Accessory Kit

1915567 - Nobo Mobile Move & Meet Planning Accessory Kit

1915711 - Nobo Whiteboard Accessory Kit Bag

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

Identified Use(s) Consumer use, Professional use – Whiteboard cleaner.

Uses Advised Against Not known.

1.3 Details of the supplier of the safety data sheet

Manufacturer

Company Identification Acco UK Ltd.

Millennium House, 65 Walton Street.

Aylesbury. Bucks.

HP21 7QG

Telephone +44 (0) 844 209 8360 Fax +44 (0) 845 603 1731

E-mail informationeurope@acco.com

Website www.acco.co.uk
Office hours 09:00 - 17:00

Supplier

Company Identification Esselte SAS

9 avenue Edouard Belin92500 Rueil-Malmaison Cedex

France

 $\begin{array}{lll} \mbox{Telephone} & +33 \ (01) \ 49 \ 68 \ 13 \ 00 \\ \mbox{E-mail} & \mbox{contactfrance@acco.com} \end{array}$

Website www.esselte.com
Office hours 09:00 - 17:00

1.4 Emergency telephone number

Company (United Kingdom) +44 (0) 844 209 8360 (09:00 - 17:00) Company (France) +33 (01) 49 68 13 00 (09:00 - 17:00)

SECTION 2: HAZARDS IDENTIFICATION

2.1 Classification of the substance or mixture

Regulation (EC) No. 1272/2008 (CLP) Not classified as dangerous for supply/use.

2.2 Label elements

According to Regulation (EC) No. 1272/2008 (CLP)

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Product Name Nobo Whiteboard Cleaners

Hazard Pictogram(s)

Signal Word(s)

Hazard Statement(s)

Precautionary Statement(s)

None.

None.

2.3 Other hazards

None known.

2.4 Additional Information

None.

SECTION 3: COMPOSITION/INFORMATION ON INGREDIENTS

3.1 Substances

Not applicable.

3.2 Mixtures

HAZARDOUS	CAS No.	EC No. / REACH	%W/W	Hazard Statement(s)	Hazard
INGREDIENT(S)		Registration No.			Pictogram(s)
Propan-2-ol	67-63-0	200-661-7	1-5	Flam. Liq. 2 H225	GHS02
		01-2119457558-25-XXXX		Eye Irrit. 2 H319	GHS07
				STOT SE 3 H336	
2-butoxyethanol	111-76-2	203-905-0	1-5	Acute Tox. 4 H302	GHS07
		01-2119475108-36-XXXX		Skin Irrit. 2 H315	
				Eye Irrit. 2 H319	
				Acute Tox. 4 H332	

HAZARDOUS INGREDIENT(S)	CAS No.	Specific Concentration Limit	M-factor	ATE
2-butoxyethanol	111-76-2			Acute Tox. 4 (H302): 1200.000 (15th ATP)
				Acute Tox. 4 (H332): 11.000

Contains no non-classified vPvB substances.

Contains no non-classified substances with a Union workplace exposure limit.

For full text of H/P Statements see section 16.

SECTION 4: FIRST AID MEASURES

4.1 Description of first aid measures

comfortable for breathing.

Skin Contact Wash hands and exposed skin after use.

Eye Contact Flush eyes with water for at least 15 minutes.

Ingestion Wash out mouth with water.

4.2 Most important symptoms and effects, both acute and delayed

None anticipated.

4.3 Indication of any immediate medical attention and special treatment needed

Unlikely to be required but if necessary treat symptomatically.

SECTION 5: FIREFIGHTING MEASURES

5.1 Extinguishing media

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Suitable Extinguishing media As appropriate for surrounding fire.

Unsuitable extinguishing media None known.

5.2 Special hazards arising from the substance or mixture

Decomposes in a fire giving off toxic fumes: Carbon monoxide, Carbon dioxide.

5.3 Advice for firefighters

Fire fighters should wear complete protective clothing including self-contained

breathing apparatus.

SECTION 6: ACCIDENTAL RELEASE MEASURES

6.1 Personal precautions, protective equipment and emergency procedures

Provide adequate ventilation. Wash hands and exposed skin thoroughly after

handling.

6.2 Environmental precautions

Do not allow to enter drains, sewers or watercourses.

6.3 Methods and material for containment and cleaning up

Adsorb spillages onto sand, earth or any suitable adsorbent material. Transfer to

a container for disposal.

6.4 Reference to other sections

See Also Section 8, 13.

SECTION 7: HANDLING AND STORAGE

7.1 Precautions for safe handling

General hygiene measures for the handling of chemicals are applicable. Wash

hands and exposed skin thoroughly after handling.

7.2 Conditions for safe storage, including any incompatibilities

Keep container tightly closed, in a cool, well ventilated place.

Storage temperature 0 - 35° C
Storage life 24 month(s)
Incompatible materials None known.

7.3 Specific end use(s)

Consumer use, Professional use - Whiteboard cleaner.

SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION

8.1 Control parameters

8.1.1 Occupational Exposure Limits

SUBSTANCE	CAS No.	LTEL (8 hr TWA ppm)	LTEL (8 hr TWA mg/m³)	STEL (ppm)	STEL (mg/m³)	Note
Propan-2-ol	67-63-0	400	999	500	1250	
2-Butoxyethanol	111-76-2	25	123	50	246	Sk, BMGV

Source UK Workplace Exposure Limits EH40/2005 (Fourth edition, published 2020), United Kingdom

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.

BMGV Biological monitoring guidance values are listed in Table 2.

Biological Exposure Indices										
Substances	CAS	Sampling	Tissues	Control	Biological monitoring guidance value	Comments				
	Number			parameters						
2-	111-76-2	Post shift	urine	butoxyacetic acid	240 mmol butoxyacetic acid/mol					



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Butoxyethanol			creatinine	

8.2 Exposure controls

8.2.1. Appropriate engineering controls Ensure adequate ventilation.

8.2.2. Personal protection equipment

Eye Protection Not normally required.



Skin protection Not normally required.



Respiratory protection Normally no personal respiratory protection is necessary.



Thermal hazards Not applicable.

8.2.3. Environmental Exposure Controls Do not allow to enter drains, sewers or watercourses.

SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

9.1 Information on basic physical and chemical properties

Physical state Liquid.

Colour Colourless.

Odour Perfume.

Melting point/freezing point Not known.

Boiling point or initial boiling point and Not known.

boiling range

Flammability Non-flammable.

Lower and upper explosion limit Not known.

Flash Point 49° C

Negative results are obtained in sustained combustibility test L.2., Part III, section 32 of the UN RTDG, Manual of Tests and Criteria, and classification as

Flammable liquid and vapour in Category 3, is not needed.

Auto-ignition temperature Not known.

Decomposition Temperature Not known.

pH Product as supplied: ~7

Kinematic Viscosity < 50 mPa•s

Solubility Soluble.

Solubility (Other): Not known.

Partition coefficient n-octanol/water

(log value)

Not known.

Vapour pressure Not known.

Density and/or relative density Relative density: 0.98 - 0.99 g/ml

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Relative vapour density Not known.

Particle characteristics Not applicable.

9.2 Other information

None.

SECTION 10: STABILITY AND REACTIVITY

10.1 Reactivity

Stable under normal conditions.

10.2 Chemical Stability

Stable under normal conditions.

10.3 Possibility of hazardous reactions

No hazardous reactions known if used for its intended purpose.

10.4 Conditions to avoid

Heat and direct sunlight.

10.5 Incompatible materials

Not known.

10.6 Hazardous decomposition products

No hazardous decomposition products known.

SECTION 11: TOXICOLOGICAL INFORMATION

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

Acute toxicity - Ingestion Calculation method : Not classified.

Low oral toxicity.

Calculation method: Calculated acute toxicity estimate (ATE) - 30000

Acute toxicity - Skin Contact Calculation method : Not classified.

Low acute toxicity.

Acute toxicity - Inhalation Calculation method : Not classified.

Low acute toxicity.

Calculation method: Calculated acute toxicity estimate (ATE) - 275

Skin corrosion/irritation Calculation method : Not classified.

Non-irritant.

Serious eye damage/irritation Calculation method : Not classified.

Non-irritant.

Skin sensitization data Calculation method : Not classified.

It is not a skin sensitiser.

Respiratory sensitization data Calculation method : Not classified.

Germ cell mutagenicity Calculation method : Not classified.

There is no evidence of mutagenic potential.

Carcinogenicity Calculation method : Not classified.

No evidence of carcinogenicity.

Reproductive toxicity Calculation method : Not classified.

No evidence of reproductive effects. Calculation method : Not classified.

Lactation Calculation method : Not classified.

STOT - single exposure Calculation method : Not classified.

STOT - repeated exposure Calculation method : Not classified.

Aspiration hazard Calculation method : Not classified.

11.2 Information on other hazards

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Not known.

SECTION 12: ECOLOGICAL INFORMATION

12.1 Toxicity

Low toxicity to aquatic organisms.

12.2 Persistence and degradability

The product is biodegradable.

12.3 Bioaccumulative potential

The product has no potential for bioaccumulation.

12.4 Mobility in soil

Soluble in water. The product is predicted to have high mobility in soil.

12.5 Results of PBT and vPvB assessment

Not classified as PBT or vPvB.

12.6 Endocrine disrupting properties

None known.

12.7 Other adverse effects

Not known.

SECTION 13: DISPOSAL CONSIDERATIONS

13.1 Waste treatment methods

Dispose at suitable refuse site.

13.2 Additional Information

Disposal should be in accordance with local, state or national legislation.

SECTION 14: TRANSPORT INFORMATION

Not classified as hazardous for transport.

14.1 UN number or ID number

Not applicable

14.2 UN proper shipping name

Not applicable

14.3 Transport hazard class(es)

Not applicable

14.4 Packing group

Not applicable

14.5 Environmental hazards

Not classified as a Marine Pollutant.

14.6 Special precautions for user

Not known

14.7 Maritime transport in bulk according to IMO instruments

Not known

SECTION 15: REGULATORY INFORMATION

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

European Regulations - Authorisations and/or Restrictions On Use



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Candidate List of Substances of Very Not listed

High Concern for Authorisation

REACH: ANNEX XIV list of substances Not listed

subject to authorisation

REACH: Annex XVII Restrictions on the Propan-2-ol (67-63-0), 2-butoxyethanol (111-76-2)

manufacture, placing on the market and use of certain dangerous substances,

mixtures and articles

Community Rolling Action Plan (CoRAP) Not listed Regulation (EU) N° 2019/1021 of the Not listed

European Parliament and of the Council

on persistent organic pollutants

Regulation (EC) N° 1005/2009 on Not listed

substances that deplete the ozone layer

Regulation (EU) N° 649/2012 of the Not listed

European Parliament and of the Council concerning the export and import of

hazardous chemicals

National regulations

Wassergefährdungsklasse (Germany) WGK 1 (slightly hazardous to water)

15.2 Chemical Safety Assessment

Not applicable.

SECTION 16: OTHER INFORMATION

The following sections contain revisions or new statements: 1, 11, 15, 16

LEGEND

Acronyms

Company Identification: Address change

Hazard Pictogram(s) GHS02: GHS: Flame

GHS07: GHS: Exclamation mark

Hazard classification Flam. Liq. 2: Flammable liquid, Category 2

Acute Tox. 4: Acute toxicity, Category 4

Skin Irrit. 2: Skin corrosion/irritation, Category 2 Eye Irrit. 2: Serious eye damage/irritation, Category 2

STOT SE 3 : Specific target organ toxicity — single exposure, Category 3

Hazard Statement(s) H225: Highly flammable liquid and vapour.

> H302: Harmful if swallowed. H315: Causes skin irritation. H319: Causes serious eye irritation.

H332: Harmful if inhaled.

H336: May cause drowsiness or dizziness.

ATE: Acute Toxicity Estimate

CAS: Chemical Abstracts Service

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 $\ensuremath{\mathsf{CLP}}$: Regulation (EC) No 1272/2008 on classification, labelling and packaging of

substances and mixtures
EC: European Community
LTEL: Long term exposure limit

PBT: Persistent, Bioaccumulative and Toxic

REACH: Registration, Evaluation, Authorisation and Restriction of Chemicals

STEL: Short term exposure limit STOT: Specific Target Organ Toxicity

vPvB: very Persistent and very Bioaccumulative

Key literature references and sources for data used to compile the SDS

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

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