



# Nobo Whiteboard Cleaners

## SAFETY DATA SHEET

03-07-2019

ACCORDING TO EC-REGULATIONS 1907/2006 (REACH), 1272/2008 (CLP) & 2015/830

### 1. 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)
CAS No.	Not applicable.
EC No.	Not applicable.
REACH Registration No.	Not known.

#### 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	None known.

#### 1.3 Details of the supplier of the safety data sheet

Company Identification	Acco UK Ltd. Oxford House, Oxford Road, Aylesbury, Bucks, HP21 8SZ.
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

#### 1.4 Emergency telephone number

Company	+44 (0) 844 209 8360 (09:00 - 17:00)
National Poisons Information Service (NHS Direct)	111 (England & Wales only) or 112 (EU) or 08454 24 24 24 (Scotland)

### 2. SECTION 2: HAZARDS IDENTIFICATION

#### 2.1 Classification of the substance or mixture

Regulation (EC) No. 1272/2008 (CLP)	Not classified as hazardous for supply.
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#### 2.2 Label elements

	According to Regulation (EC) No. 1272/2008 (CLP)
Product Name	Nobo Whiteboard Cleaners.
Hazard Pictogram(s)	None.
Signal Word(s)	None.
Hazard Statement(s)	None.
Precautionary Statement(s)	None.

#### 2.3 Other hazards

None known.

#### 2.4 Additional Information

None.



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### 3. SECTION 3: COMPOSITION/INFORMATION ON INGREDIENTS

#### 3.1 Substances

Not applicable.

#### 3.2 Mixtures

HAZARDOUS INGREDIENT(S)	CAS No.	EC No. / REACH Registration No.	%W/W	Hazard Statement(s)	Hazard Pictogram(s)
Propan-2-ol	67-63-0	200-661-7 / 01-2119457558-25-XXXX	1 - 5	Flam. Liq. 2 H225 Eye Irrit. 2 H319 STOT SE 3 H336	GHS02 GHS07
2-butoxyethanol	111-76-2	203-905-0 / 01-2119475108-36-XXXX	1 - 5	Acute Tox. 4 H302 Acute Tox. 4 H312 Skin Irrit. 2 H315 Eye Irrit. 2 H319 Acute Tox. 4 H332	GHS07

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

### 4. 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	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.

### 5. 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.

#### 5.3 Advice for firefighters

Fire fighters should wear complete protective clothing including self-contained breathing apparatus.

### 6. 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.

## 7. 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.

## 8. 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/m <sup>3</sup> )	STEL (ppm)	STEL (mg/m <sup>3</sup> )	Note
Propan-2-ol	67-63-0	400	999	500	1250	
2-Butoxyethanol	111-76-2	25	123	50	246	Sk, BMGV
2-Butoxyethanol	111-76-2	20	98	50	246	IOELV, Skin

Source	UK Workplace Exposure Limits EH40/2005 (Third edition, published 2018), 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.
IOELV	Indicative Occupational Exposure Limit Values.
Skin	The possibility of significant uptake through the skin.

Biological Exposure 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



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.

### 9. SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

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

Appearance	Liquid. Colour : Colourless.
Odour	Perfume.
Odour threshold	Not established.
pH	Product as supplied: ~7
Melting point/freezing point	Not available.
Initial boiling point and boiling range	Not available.
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.
Evaporation rate	Not available.
Flammability (solid, gas)	Not applicable.
Upper/lower flammability or explosive limits	Not available.
Vapour pressure	Not available.
Vapour density	Not available.
Density (g/ml)	Not available.
Relative density	0.98-0.99 g/ml
Solubility(ies)	Soluble in water.
Partition coefficient: n-octanol/water	Not available.
Auto-ignition temperature	Not available.
Decomposition Temperature (°C)	Not available.
Kinematic Viscosity	<50 mPa*s
Explosive properties	Not explosive.
Oxidising properties	Not oxidising.

#### 9.2 Other information

None.



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### 10. 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

None anticipated.

#### 10.5 Incompatible materials

None known.

#### 10.6 Hazardous decomposition products

No hazardous decomposition products known.

### 11. SECTION 11: TOXICOLOGICAL INFORMATION

#### 11.1 Information on toxicological effects

Acute toxicity	Low acute toxicity.
Skin corrosion/irritation	Non-irritant.
Serious eye damage/irritation	Not classified.
Skin sensitization data	It is not a skin sensitiser.
Respiratory sensitization data	Not classified.
Germ cell mutagenicity	There is no evidence of mutagenic potential.
Carcinogenicity	No evidence of carcinogenicity.
Reproductive toxicity	No evidence of reproductive effects.
Lactation	Not classified.
STOT - single exposure	None anticipated.
STOT - repeated exposure	None anticipated.
Aspiration hazard	Not classified.

#### 11.2 Other information

None.

### 12. SECTION 12: ECOLOGICAL INFORMATION

#### 12.1 Toxicity

Low toxicity to aquatic organisms.

#### 12.2 Persistence and Degradation

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 Other adverse effects

None known.



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### 13. 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.

### 14. SECTION 14: TRANSPORT INFORMATION

Not classified as hazardous for transport.

#### 14.1 UN 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 applicable.

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

Not applicable.

### 15. 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 High Concern for Authorisation Not listed.

REACH: ANNEX XIV list of substances subject to authorisation

Not listed.

REACH: Annex XVII Restrictions on the manufacture, placing on the market and use of certain dangerous substances, mixtures and articles Propan-2-ol (67-63-0)

Community Rolling Action Plan (CoRAP) Not listed.

Other Not known.

#### National regulations

Other Not known.

#### 15.2 Chemical Safety Assessment

Not applicable.



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16. SECTION 16: OTHER INFORMATION

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

LEGEND

Hazard Pictogram(s)	GHS07: GHS: exclamation mark GHS02: GHS: flame
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. H312: Harmful in contact with skin. H315: Causes skin irritation. H319: Causes serious eye irritation. H332: Harmful if inhaled. H336: May cause drowsiness or dizziness.
Acronyms	CAS : Chemical Abstracts Service 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 UN : United Nations vPvB : very Persistent and very Bioaccumulative
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