


# SAFETY DATA SHEET

ACCORDING TO EC-REGULATIONS 1907/2006 (REACH), 1272/2008 (CLP) & 453/2010

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

<b>1.1 Product identifier</b>	
Product Name	NOBO Deepclean 150ml Aerosol.
Trade name	Whiteboard Cleaner.
Product Code	34533943.
CAS No.	Not applicable.
EINECS No.	Not applicable.
REACH Registration No.	None assigned.
<b>1.2 Relevant identified uses of the substance or mixture and uses advised against</b>	
Identified use(s)	Whiteboard Cleaner.
Uses advised against	None known.
<b>1.3 Details of the supplier of the Safety Data Sheet</b>	
Company Identification	Acco UK Ltd. Oxford House, Oxford Road, Aylesbury, Bucks. HP21 8SZ.
Telephone	+44 (0) 844 209 8360 (9am to 5pm).
Fax	+44 (0) 845 603 1731.
Website	www.acco.co.uk
E-mail	informationeurope@acco.com
<b>1.4 Emergency telephone number</b>	
Emergency Phone No.	0844 2098360.

## 2. SECTION 2: HAZARDS IDENTIFICATION

<b>2.1 Classification of the substance or mixture</b>	
Directive 67/548/EEC & Directive 1999/45/EC	Xi; Irritating to eyes. Flammable. Vapours may cause drowsiness and dizziness.
<b>2.2 Label elements</b>	
Product Name	According to Directive 67/548/EEC & Directive 1999/45/EC
Hazard Symbol	NOBO Deepclean 150ml Aerosol. 
Risk Phrases	Xi R10: Flammable. R36: Irritating to eyes. R67: Vapours may cause drowsiness and dizziness.
Safety Phrases	S2: Keep out of the reach of children. S15: Keep away from heat. S23: Do not breathe vapour. S25: Avoid contact with eyes. S26: In case of contact with eyes, rinse immediately with plenty of water and seek medical advice. S43: In case of fire, use: Polar resistant foam, CO2 or dry powder. S51: Use only in well-ventilated areas.
<b>2.3 Other hazards</b>	Heating may cause pressure rise with risk of bursting.
<b>2.4 Additional Information</b>	None.

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

Product as supplied: Aerosol.

#### 3.1 Mixtures

EC Classification No. 67/548/EEC

Hazardous ingredient(s)	%W/W	CAS No.	EC No.	REACH Registration No.	EC Classification and Risk Phrases
Propan-2-ol	50 - 70	67-63-0	200-661-7	None assigned.	F; R11, Xi; R36, R67.
Triethanolamine	0 - 1	102-71-6	203-049-8	None assigned.	Xi; R36/38.

#### 3.2 Additional Information

For full text of R phrases 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. If symptoms persist, obtain medical attention.

Skin Contact

Wash skin with soap and water. If symptoms persist, obtain medical attention.

Eye Contact

Immediately flush eyes for at least 15 minutes. If eye irritation persists: Get medical advice/attention.

Ingestion

Unlikely route of exposure.

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

Skin Contact/ Eye Contact: Irritation, Redness.

Inhalation: Coughing, Chest discomfort, Irritating to respiratory system.

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

Unlikely to be required but if necessary treat symptomatically.

### 5. SECTION 5: FIRE-FIGHTING MEASURES

Flammable. Contains gas under pressure; may explode if heated.

#### 5.1 Extinguishing Media

Suitable Extinguishing Media

Polar resistant foam, CO2 or dry powder.

Unsuitable Extinguishing Media

None known.

#### 5.2 Special hazards arising from the substance or mixture

Vapour may create explosive atmosphere. Heating may cause pressure rise with risk of bursting.

#### 5.3 Advice for fire-fighters

Fire fighters should wear complete protective clothing including self-contained breathing apparatus. If it is safe to do so, containers should be removed from fire area because they are likely to rupture under fire conditions. Keep containers cool by spraying with water if exposed to fire.

## 6. SECTION 6: ACCIDENTAL RELEASE MEASURES

The product is an aerosol. It is unlikely to present spillage or leakage hazard. In case of rupture, released content should be contained as any other solvent spill.

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|--|--|
| <b>6.1 Personal precautions, protective equipment and emergency procedures</b> | Ensure adequate ventilation. Keep away from sources of ignition. Wear suitable gloves and eye/face protection.   |
| <b>6.2 Environmental precautions</b>   | Do not allow to enter drains, sewers or watercourses.  |
| <b>6.3 Methods and material for containment and cleaning up</b>                | Collect mechanically and dispose of according to Section 13. Containers must not be punctured or destroyed by burning, even when empty. Cover spills with inert absorbent material. Wash the spillage area with water. |
| <b>6.4 Reference to other sections</b>   | See Also Section 8.  |

## 7. SECTION 7: HANDLING AND STORAGE

- |   |  |
|---|--|
| <b>7.1 Precautions for safe handling</b>                                | Eliminate sources of ignition. Keep away from heat, sparks, open flame, hot surfaces - No smoking. Provide adequate ventilation. Avoid inhalation of high concentrations of vapours. Keep away from children under 3 years old. Avoid contact with skin and eyes. Wash hands and exposed skin after use. |
| <b>7.2 Conditions for safe storage, including any incompatibilities</b> | Protect from sunlight and store in well-ventilated place.  |
| Storage Temperature   | Keep cool.   |
| Storage Life  | Stable under normal conditions.  |
| Incompatible materials  | Strong acids, Strong oxidising agents.   |
| <b>7.3 Specific end use(s)</b>  | 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	WEL

WEL: Workplace Exposure Limit (UK HSE EH40)

- |   |                               |
|---|-------------------------------|
| <b>8.1.2 Biological limit value</b>           | None assigned.                |
| <b>8.1.3 PNECs and DNELs</b>                  | Not applicable.               |
| <b>8.2 Exposure controls</b>                  |                               |
| <b>8.2.1 Appropriate engineering controls</b> | Provide adequate ventilation. |
| <b>8.2.2 Personal protection equipment</b>    |                               |
| Eye/face protection                           | Not normally required.        |



Skin protection (Hand protection/ Other)



Not normally required.

Respiratory protection



Normally no personal respiratory protection is necessary.  
Handling of larger amounts: A suitable mask with filter type A (EN14387 or EN405) may be appropriate.

Thermal hazards

Not applicable.

8.2.3 Environmental Exposure Controls

Avoid release to the environment.

## 9. SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

### 9.1 Information on basic physical and chemical properties

Appearance	Aerosol.
Colour	Colourless (Mixture).
Odour	Alcohol-like.
Odour Threshold (ppm)	Not established.
pH (Value)	7 – 8 (Mixture).
Boiling Point (°C)	82°C (Mixture).
Flash Point (°C)	30.1°C (Mixture).
Flammability (solid, gas)	Flammable.
Specific Gravity	0.98.
Solubility (Water)	Soluble (Mixture).
Solubility (Other)	No information available.
Vapour Pressure	4.67 @ 20°C (Mixture).
Auto Ignition Temperature (°C)	460°C.
Explosive properties	Heating may cause pressure rise with risk of bursting.
Oxidising properties	Not oxidising.

### 9.2 Other information

None.

## 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	Combustion may cause toxic fumes. Heating may cause pressure rise with risk of bursting.
10.4 Conditions to avoid	Keep away from heat, sources of ignition and direct sunlight.
10.5 Incompatible materials	Strong acids, Strong oxidising agents.
10.6 Hazardous Decomposition Product(s)	None known.

## 11. SECTION 11: TOXICOLOGICAL INFORMATION

### 11.1 Information on toxicological effects

#### 11.1.1 Mixture

Acute toxicity	Low acute toxicity.
Irritation	Irritating to eyes.
Corrosivity	None anticipated.
Sensitisation	It is not a skin sensitiser.
Repeated dose toxicity	Central nervous system. Vapours may cause drowsiness and dizziness.
Carcinogenicity	No evidence of carcinogenicity.
Mutagenicity	There is no evidence of mutagenic potential.
Toxicity for reproduction	None anticipated.

## 12. SECTION 12: ECOLOGICAL INFORMATION

12.1	<b>Toxicity</b>	Low toxicity to aquatic organisms.
12.2	<b>Persistence and degradability</b>	The product is biodegradable. Unlikely to persist.
12.3	<b>Bioaccumulative potential</b>	The product has no potential for bioaccumulation.
12.4	<b>Mobility in soil</b>	Propan-2-ol: Soluble in water. The substance is predicted to have high mobility in soil.
12.5	<b>Results of PBT and vPvB assessment</b>	Not classified as PBT or vPvB.
12.6	<b>Other adverse effects</b>	None anticipated.

## 13. SECTION 13: DISPOSAL CONSIDERATIONS

13.1	<b>Waste treatment methods</b>	Recycle only completely emptied packaging. Containers must not be punctured or destroyed by burning, even when empty. Non-emptied aerosol: Dispose of wastes in an approved waste disposal facility.
13.2	<b>Additional Information</b>	None.

## 14. SECTION 14: TRANSPORT INFORMATION

14.1	<b>UN number</b>	UN 1219.
14.2	<b>UN Proper Shipping Name</b>	ISOPROPANOL SOLUTION.
14.3	<b>Transport hazard class(es)</b>	3.
14.4	<b>Packing Group</b>	II.
14.5	<b>Environmental hazards</b>	N/A.
14.6	<b>Special precautions for user</b>	ADR HIN: 33; IMDG EMS: F-E-S-D.
14.7	<b>Transport in bulk according to Annex II of MARPOL73/78 and the IBC Code</b>	N/A.
14.8	<b>Additional Information</b>	PI (Cargo) 307: max 60L; PI (Passenger) 305: max 5L; Ltd Qty 1L; Excepted Qty (inner) 30ml

## 15. SECTION 15: REGULATORY INFORMATION

15.1	<b>Safety, health and environmental regulations/legislation specific for the substance or mixture</b>	
15.1.1	<b>EU regulations</b>	
	Authorisations and/or restrictions on use	None known.
15.1.2	<b>National regulations</b>	None known.
15.2	<b>Chemical Safety Assessment</b>	Not available.

## 16. SECTION 16: OTHER INFORMATION

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

### LEGEND

LTTEL	Long Term Exposure Limit
STTEL	Short Term Exposure Limit
DNEL	Derived No Effect Level
PNEC	Predicted No Effect Concentration
PBT	Persistent, Bioaccumulative and Toxic
vPvB	very Persistent and very Bioaccumulative
N/A	Not applicable
Xi	Irritant.

# NOBO Deepclean 150ml Aerosol



## Risk Phrases

R10	Flammable.
R36	Irritating to eyes.
R36/38	Irritating to eyes and skin.
R67	Vapours may cause drowsiness and dizziness.

## Disclaimers

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## Annex to the extended Safety Data Sheet (eSDS)

No information available.