

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

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

1.1 Product identifier

Product Name NOBO Deepclean 150ml Aerosol
Product Code 34533943
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 Not 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 111 (England & Wales only) or 112 (EU) or 08454 24 24 24 (Scotland)
(NHS Direct)

SECTION 2: HAZARDS IDENTIFICATION

2.1 Classification of the substance or mixture

Regulation (EC) No. 1272/2008 (CLP) Aerosol 1: Extremely flammable aerosol. Pressurised container: May burst if heated.
Eye Irrit. 2: Causes serious eye irritation.
STOT SE 3: May cause drowsiness or dizziness.

2.2 Label elements

According to Regulation (EC) No. 1272/2008 (CLP)
Product Name NOBO Deepclean 150ml Aerosol

Hazard Pictogram(s)



GHS02

GHS07

Signal Word(s)

Danger.

Hazard Statement(s)

H222: Extremely flammable aerosol.

H229: Pressurised container: May burst if heated.



NOBO Deepclean 150ml Aerosol

SAFETY DATA SHEET

09-11-2018
v2.2

H319: Causes serious eye irritation.
H336: May cause drowsiness or dizziness.

Precautionary Statement(s)

P210: Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking.
P211: Do not spray on an open flame or other ignition source.
P251: Pressurised container - Do not pierce or burn, even after use.
P261: Avoid breathing mist.
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.
P410+P412: Protect from sunlight. Do not expose to temperatures exceeding 50°C/122°F.

Additional Information

2.3 Other hazards

None.

2.4 Additional Information

None.

SECTION 3: COMPOSITION/INFORMATION ON INGREDIENTS

Product as supplied: Aerosol.

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	50-80	Flam. Liq. 2 H225 Eye Irrit. 2 H319 STOT SE 3 H336	GHS02 GHS07

SECTION 4: FIRST AID MEASURES

4.1 Description of first aid measures

Inhalation: Remove person to fresh air and keep comfortable for breathing. Call a POISON CENTER/doctor if you feel unwell.
Skin Contact: Wash skin with water. If symptoms persist, 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 occur obtain medical attention.

4.2 Most important symptoms and effects, both acute and delayed

Causes serious eye irritation. May cause drowsiness or dizziness.

4.3 Indication of any immediate medical attention and special treatment needed

Unlikely to be required but if necessary treat symptomatically.



NOBO Deepclean 150ml Aerosol

SAFETY DATA SHEET

09-11-2018
v2.2

SECTION 5: FIREFIGHTING MEASURES

5.1 Extinguishing media

Suitable Extinguishing media Carbon dioxide, Dry powder, Foam, water spray or fog.
Unsuitable extinguishing media Heavy water stream.

5.2 Special hazards arising from the substance or mixture

Extremely flammable aerosol. Heating may cause pressure rise with risk of bursting.
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. If it is safe to do so, containers should be removed from fire area because they are likely to rupture under fire conditions. Keep fire exposed containers cool by spraying with water.

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.

6.1 Personal precautions, protective equipment and emergency procedures

Provide adequate ventilation when using the material and follow the principles of good occupational hygiene to control personal exposures. Avoid breathing mist.

6.2 Environmental precautions

Do not release large quantities into the surface water or into drains.

6.3 Methods and material for containment and cleaning up

Containers must not be punctured or destroyed by burning, even when empty.
Collect mechanically and dispose of according to Section 13. Adsorb spillages onto sand, earth or any suitable adsorbent material.

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. Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking. Use only outdoors or in a well-ventilated area. Do not spray on an open flame or other ignition source. Pressurised container - Do not pierce or burn, even after use. Avoid breathing mist. Wear protective gloves/protective clothing/eye protection/face protection. Wash hands and exposed skin thoroughly after handling. Do not eat, drink or smoke at the work place.

7.2 Conditions for safe storage, including any incompatibilities

Protect from sunlight. Store in a well-ventilated place. Keep container tightly closed. Store locked up.

Storage temperature

Do not expose to temperatures exceeding 50°C/ 122°F.

Storage life

Stable under normal conditions.

Incompatible materials Strongly acidic, Strongly alkaline.

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/m ³)	STEL (ppm)	STEL (mg/m ³)	Note
Propan-2-ol	67-63-0	400	999	500	1250	

Source UK Workplace Exposure Limits EH40/2005 (Third edition, published 2018)

8.2 Exposure controls

8.2.1. Appropriate engineering controls Ensure adequate ventilation.

8.2.2. Personal protection equipment



Eye Protection Wear protective eyewear (goggles, face shield, or safety glasses).



Skin protection Wear suitable gloves if prolonged skin contact is likely.



Respiratory protection Where engineering controls are not fitted or inadequate wear suitable respiratory protective equipment.



Thermal hazards Not applicable.

8.2.3. Environmental Exposure Controls Do not release large quantities into the surface water or into drains.

SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

9.1 Information on basic physical and chemical properties

Appearance	Aerosol
	Colour : Colourless.
Odour	Alcohol odour.
Odour threshold	Not established.
pH	7-8
Melting point/freezing point	Not available.
Initial boiling point and boiling range	82 °C
Flash Point	< 21 °C
Evaporation rate	Not available.



NOBO Deepclean 150ml Aerosol

SAFETY DATA SHEET

09-11-2018
v2.2

Flammability (solid, gas)	Extremely flammable aerosol.
Upper/lower flammability or explosive limits	Not available.
Vapour pressure	4670 Pa @ 20 °C
Vapour density	Not available.
Density (g/ml)	0.93 g/ml
Relative density	~0.56 g/ml
Solubility(ies)	Solubility (Water) : Soluble in water. Solubility (Other) : Not known.
Partition coefficient: n-octanol/water	Not available.
Auto-ignition temperature	460 °C
Decomposition Temperature (°C)	Not available.
Viscosity	Kinematic Viscosity: < 53,76344086 mm ² /s Dynamic viscosity: < 50 mPa·s
Explosive properties	Pressurised container: May burst if heated.
Oxidising properties	Not oxidising.
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

Keep away from heat, sources of ignition and direct sunlight.

10.5 Incompatible materials

Strongly acidic, Strongly alkaline.

10.6 Hazardous decomposition products

No hazardous decomposition products known.

SECTION 11: TOXICOLOGICAL INFORMATION

11.1 Information on toxicological effects

Acute toxicity	Low acute toxicity.
Dermal	Propan-2-ol : LD50 (dermal) mg/kg:12870 (rabbit)
Inhalation	Propan-2-ol : LC50 (inhalation) mg/l/4h: 73 (rat)
Skin corrosion/irritation	Non-irritant.
Serious eye damage/irritation	Causes serious eye irritation. No data.
Skin sensitization data	It is not a skin sensitiser.
Respiratory sensitization data	Not classified.
Germ cell mutagenicity	There is no evidence of mutagenic potential.



NOBO Deepclean 150ml Aerosol

SAFETY DATA SHEET

09-11-2018
v2.2

Carcinogenicity	No evidence of carcinogenicity.
Reproductive toxicity	No evidence of reproductive effects.
Lactation	Not classified.
STOT - single exposure	May cause drowsiness or dizziness. No data.
STOT - repeated exposure	None anticipated.
Aspiration hazard	Not classified.

11.2 Other information

Not known.

SECTION 12: ECOLOGICAL INFORMATION

12.1 Toxicity

Low toxicity to aquatic organisms.
Propan-2-ol : LC50 (fish) mg/l: 9640

12.2 Persistence and Degradation

Readily biodegradable. The product is unlikely to persist in the environment.
Propan-2-ol : Biological oxygen demand (BOD) g/g: 1.19

12.3 Bioaccumulative potential

The product has low potential for bioaccumulation.
Propan-2-ol : Log Pow: 0.05

12.4 Mobility in soil

Soluble in water. The product is predicted to have high mobility in soil.
Propan-2-ol : Surface tension: 0.021 N/m @ 25 °C

12.5 Results of PBT and vPvB assessment

Not classified as PBT or vPvB.

12.6 Other adverse effects

Not known.

SECTION 13: DISPOSAL CONSIDERATIONS

13.1 Waste treatment methods

Dispose of wastes in an approved waste disposal facility. Recycle only completely emptied packaging. Containers must not be punctured or destroyed by burning, even when empty. Disposal should be in accordance with local, state or national legislation.

13.2 Additional Information

Waste code:
14 06 03* - other solvents and solvent mixtures
07 06 00 - wastes from the MFSU of fats, grease, soaps, detergents, disinfectants and cosmetics



NOBO Deepclean 150ml Aerosol

SAFETY DATA SHEET

09-11-2018
v2.2

SECTION 14: TRANSPORT INFORMATION

14.1 UN number

UN No. 1950

14.2 UN proper shipping name

UN proper shipping name AEROSOLS

14.3 Transport hazard class(es)

ADR/RID

ADR/RID Class 2
ADR Classification Code 5F
Special Provisions 190 327 344 625
Limited Quantities 1 L
Excepted Quantities E0
Mixed Packing Instructions for Packages P207 LP200
Special Packing Provisions for Packages PP87 RR6 L2
Mixed Packing Instructions for Packages MP9
ADR Transport Category 2
Tunnel Restriction Code D
Special Provisions for Carriage - Packages V14
Special Provisions for Carriage - Loading, Unloading and Handling CV9 CV12
Special Provisions for Carriage - Operation S2

IMDG

IMDG Class 2
Special Provisions 190 327 344 625
Limited Quantities 1 L
Excepted Quantities E0
Mixed Packing Instructions for Packages P207 LP200
Special Packing Provisions for Packages PP87 RR6 L2
IMDG EMS F-D, S-U
Stowage and Handling SW1 SW22
Segregation SG69

ICAO/IATA

IATA Proper Shipping Name AEROSOLS
Excepted Quantities E0
Passenger and Cargo Aircraft Limited Quantities Packing Instructions Y203
Passenger and Cargo Aircraft Limited Quantities Max net Qty 30Kg
Passenger and Cargo Aircraft Packing 203

Instructions

Passenger and Cargo Aircraft Max net Qty	75Kg
Cargo Aircraft Packing Instructions	203
Cargo Aircraft Max net Qty	150Kg
Special Provisions	A145, A167, A802
Emergency Response Guidebook (ERG)	10L
Code	
Labels	2.1



14.4 Packing group

Packing group Not available.

14.5 Environmental hazards

Environmental hazards Not classified as a Marine Pollutant.

14.6 Special precautions for user

Special precautions for user Not known.

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

Transport in bulk according to Annex II of No information available.

Marpol and the IBC Code

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.

Regulation (EC) N° 850/2004 of the European Parliament and of the Council on persistent organic pollutants Not listed.

Regulation (EC) N° 1005/2009 on substances that deplete the ozone layer Not listed.

Regulation (EU) N° 649/2012 of the European Parliament and of the Council concerning the export and import of hazardous chemicals Not listed.

National regulations

Wassergefährdungsklasse (Germany) NOBO Deepclean 150ml Aerosol: WGK 1 – low hazard to waters.

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



GHS07

Hazard classification

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

Flam. Liq. 2 : Flammable liquid, Category 2

STOT SE 3_H336 : Specific target organ toxicity — single exposure, Category 3

Hazard Statement(s)

H222: Extremely flammable aerosol.

H225: Highly flammable liquid and vapour.

H229: Pressurised container: May burst if heated.

H319: Causes serious eye irritation.

H336: May cause drowsiness or dizziness.

Precautionary Statement(s)

P210: Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking.

P211: Do not spray on an open flame or other ignition source.

P251: Pressurised container - Do not pierce or burn, even after use.

P261: Avoid breathing dust/fume/gas/mist/vapours/spray.

P264: Wash hands and exposed skin thoroughly after handling.

P271: Use only outdoors or in a well-ventilated area.

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

P304+P340: IF INHALED: Remove person to fresh air and keep comfortable for breathing.

P305+P351+P338: IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.

P312: Call a POISON CENTER/doctor if you feel unwell.

P337+P313: If eye irritation persists: Get medical advice/attention.

P403+P233: Store in a well-ventilated place. Keep container tightly closed.



NOBO Deepclean 150ml Aerosol

SAFETY DATA SHEET

09-11-2018
v2.2

P405: Store locked up.

P410+P412: Protect from sunlight. Do not expose to temperatures exceeding 50°C/ 122°F.

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

Acronyms

CAS : Chemical Abstracts Service

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

DNEL : Derived No Effect Level

EC : European Community

EINECS : European Inventory of Existing Commercial Chemical Substances

LTEL : Long term exposure limit

PBT : Persistent, Bioaccumulative and Toxic

PNEC : Predicted No Effect Concentration

REACH : Registration, Evaluation, Authorisation and Restriction of Chemicals

STEL : Short term exposure limit

STOT : Specific Target Organ Toxicity

vPvB : very Persistent and very Bioaccumulative

Disclaimers

Information contained in this publication or as otherwise supplied to Users is believed to be accurate and is given in good faith, but it is for the Users to satisfy themselves of the suitability of the product for their own particular purpose. Acco UK Ltd. gives no warranty as to the fitness of the product for any particular purpose and any implied warranty or condition (statutory or otherwise) is excluded except to the extent that exclusion is prevented by law. Acco UK Ltd. accepts no liability for loss or damage (other than that arising from death or personal injury caused by defective product, if proved), resulting from reliance on this information. Freedom under Patents, Copyright and Designs cannot be assumed.