


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

1.1 Product identifier	
Product Name	Noboclene Plus.
Trade name	Whiteboard Cleaner.
Product Code	34531163.
CAS No.	Not applicable.
EINECS No.	Not applicable.
REACH Registration No.	None assigned.
1.2 Relevant identified uses of the substance or mixture and uses advised against	
Identified use(s)	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 (9am to 5pm).
Fax	+44 (0) 845 603 1731.
Website	www.acco.co.uk
E-mail	informationeurope@acco.com
1.4 Emergency telephone number	
Emergency Phone No.	0844 2098360.

2. SECTION 2: HAZARDS IDENTIFICATION

2.1 Classification of the substance or mixture	
Directive 67/548/EEC & Directive 1999/45/EC	F+; Extremely flammable.
2.2 Label elements	
Product Name	According to Directive 67/548/EEC & Directive 1999/45/EC Noboclene Plus.
Hazard Symbol	
Risk Phrases	F+
Safety Phrases	R12: Extremely flammable. S2: Keep out of the reach of children. S9: Keep container in a well-ventilated place. S16: Keep away from sources of ignition - No smoking.
2.3 Other hazards	Heating may cause pressure rise with risk of bursting. High concentrations: Vapours may cause drowsiness and dizziness.
2.4 Additional Information	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	1-10	67-63-0	200-661-7	None assigned.	F; R11, Xi; R36, R67.
Sodium Alkyl Benzene Sulphonate	1-10	25155-30-0	246-680-4	None assigned.	Xi; R36, R38.
Butane	1-10	106-97-8	203-448-7	None assigned.	F+; R12.
Propane	1-10	74-98-6	200-827-9	None assigned.	F+; R12.

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.

Eye Contact

Flush eyes with water for at least 15 minutes while holding eyelids open.

Ingestion

Unlikely route of exposure.

4.2 Most important symptoms and effects, both acute and delayed

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

4.3 Indication of any immediate medical attention and special treatment needed

No special requirements.

5. SECTION 5: FIRE-FIGHTING MEASURES

Contains gas under pressure; may explode if heated.

5.1 Extinguishing Media

Suitable Extinguishing Media

Extinguish preferably with foam, carbon dioxide or dry chemical.

Unsuitable Extinguishing Media

None known.

5.2 Special hazards arising from the substance or mixture

Heating may cause pressure rise with risk of bursting. Hazardous Decomposition Product(s): Oxides of carbon.

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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| 6.1 Personal precautions, protective equipment and emergency procedures | Ensure adequate ventilation. Keep away from sources of ignition. Wear suitable gloves and eye/face protection. |
| 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. Containers must not be punctured or destroyed by burning, even when empty. Cover spills with inert absorbent material. Wash the spillage area with water. |
| 6.4 Reference to other sections | See Also Section 8. |

7. SECTION 7: HANDLING AND STORAGE

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| 7.1 Precautions for safe handling | Provide adequate ventilation. Keep away from sources of ignition - No smoking. Keep out of reach of children. Wash hands and exposed skin after use. |
| 7.2 Conditions for safe storage, including any incompatibilities | |
| Storage Temperature | Pressurized container: protect from sunlight and do not expose to temperatures exceeding 50 °C. |
| Storage Life | Stable under normal conditions. |
| Incompatible materials | Oxidizing agents. |
| 7.3 Specific end use(s) | 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/m³)	STEL (ppm)	STEL (mg/m³)	Note:
Propan-2-ol	67-63-0	400	999	500	1250	WEL
Butane	106-97-8	600	1450	750	1810	WEL

WEL: Workplace Exposure Limit (UK HSE EH40)

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|---|-------------------------------|
| 8.1.2 Biological limit value | None assigned. |
| 8.1.3 PNECs and DNELs | None assigned. |
| 8.2 Exposure controls | |
| 8.2.1 Appropriate engineering controls | Provide adequate ventilation. |
| 8.2.2 Personal protection equipment | |
| Eye/face protection | Not normally required. |
| Skin protection (Hand protection/ Other) | Not normally required. |



Respiratory protection



Normally no personal respiratory protection is necessary. Work in well ventilated zones or use proper respiratory protection.

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	White.
Odour	Sweet-smelling.
Odour Threshold (ppm)	Not established.
pH (Value)	Not applicable.
Boiling Point (°C)	Not applicable.
Flash Point (°C)	Not available.
Flammability	Extremely flammable.
Solubility (Water)	Insoluble.
Solubility (Other)	Insoluble.
Viscosity (mPa.s)	Not applicable.
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	Stable under normal conditions.
10.4 Conditions to avoid	Keep away from heat, sources of ignition and direct sunlight.
10.5 Incompatible materials	Oxidizing agents.
10.6 Hazardous Decomposition Product(s)	Oxides of carbon.

11. SECTION 11: TOXICOLOGICAL INFORMATION

11.1 Information on toxicological effects

11.1.1 Mixture

Acute toxicity	Low acute toxicity.
Irritation	Unlikely to cause skin irritation. Unlikely to cause eye irritation.
Corrosivity	None anticipated.
Sensitisation	It is not a skin sensitiser.
Repeated dose toxicity	High concentrations: 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	Toxicity	Low toxicity to aquatic organisms.
12.2	Persistence and degradability	The product is biodegradable. Unlikely to persist.
12.3	Bioaccumulative potential	The product has no potential for bioaccumulation.
12.4	Mobility in soil	The product is volatile and will partition into the atmosphere. Propan-2-ol: Soluble in water.
12.5	Results of PBT and vPvB assessment	Not classified as PBT or vPvB.
12.6	Other adverse effects	None anticipated.

13. SECTION 13: DISPOSAL CONSIDERATIONS

13.1	Waste treatment methods	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	Additional Information	None.

14. SECTION 14: TRANSPORT INFORMATION

14.1	UN number	UN 1950.
14.2	UN Proper Shipping Name	AEROSOLS, FLAMMABLE.
14.3	Transport hazard class(es)	2.1
14.4	Packing Group	N/A.
14.5	Environmental hazards	N/A.
14.6	Special precautions for user	IMDG EMS: F-D, S-U.
14.7	Transport in bulk according to Annex II of MARPOL73/78 and the IBC Code	N/A.
14.8	Additional Information	PI (Cargo) 203: max 150KG; PI (Passenger) 203: 75KG; PI (Ltd Qty) Y203: 30KG; IMDG Ltd Qty 1L

15. SECTION 15: REGULATORY INFORMATION

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

16. SECTION 16: OTHER INFORMATION

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

LEGEND

LTEL	Long Term Exposure Limit
STEL	Short Term Exposure Limit
DNEL	Derived No Effect Level
PNEC	Predicted No Effect Concentration
PBT	PBT: Persistent, Bioaccumulative and Toxic
vPvB	vPvB: very Persistent and very Bioaccumulative
N/A	Not applicable
F+	Extremely flammable.
F	Highly flammable.
Xi	Irritant.

Noboclene Plus



Risk Phrases

R11	Highly flammable.
R12	Extremely flammable.
R36	Irritating to eyes.
R38	Irritating to skin.
R67	Vapours may cause drowsiness and dizziness.

Disclaimers

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Annex to the extended Safety Data Sheet (eSDS)

No information available.