



## SAFETY DATA SHEET BOARDCLENE

### 1 IDENTIFICATION OF THE SUBSTANCE/PREPARATION AND OF THE COMPANY/UNDERTAKING

**PRODUCT NAME** BOARDCLENE  
**PRODUCT NO.** BCL-a  
ABCL200  
ZA  
**APPLICATION** Office Equipment Cleaning Product  
**SUPPLIER** AF INTERNATIONAL. A division  
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### 2 HAZARDS IDENTIFICATION

Not regarded as a health or environmental hazard under current legislation.  
**CLASSIFICATION (1999/45)** Not classified.

### 3 COMPOSITION/INFORMATION ON INGREDIENTS

Name	EC No.	CAS-No.	Content %	Classification (67/548/EEC)
PROPAN-2-OL	200-661-7	67-63-0	1-5%	F;R11 Xi;R36 R67
2-BUTOXYETHANOL	203-905-0	111-76-2	1-5%	Xn;R20/21/22 Xi;R36/38
DISTILLATES (PETROLEUM), HYDROTREATED LIGHT; KEROSENE - UNSPECIFIED	265-149-8	64742-47-8	1-5%	Xn;R65
ALKYLBENZENE SUPLHONIC ACID SODIUM SALT	285-600-2	85117-50-6	1-5%	Xn;R22. Xi;R38,R41.

The Full Text for all R-Phrases is Displayed in Section 16

#### COMPOSITION COMMENTS

Ingredients not listed are classified as non-hazardous or at a concentration below reportable levels

### 4 FIRST-AID MEASURES

#### NOTES TO THE PHYSICIAN

Treat symptomatically

#### INHALATION

Move the exposed person to fresh air at once. Keep the affected person warm and at rest. Get prompt medical attention.

#### INGESTION

DO NOT INDUCE VOMITING! Rinse mouth thoroughly.

#### SKIN CONTACT

Wash the skin immediately with soap and water. Get medical attention if any discomfort continues.

#### EYE CONTACT

Make sure to remove any contact lenses from the eyes before rinsing. Promptly wash eyes with plenty of water while lifting the eye lids. Continue to rinse for at least 15 minutes and get medical attention.

## BOARDCLENE

### 5 FIRE-FIGHTING MEASURES

#### EXTINGUISHING MEDIA

This product is not flammable. Use fire-extinguishing media appropriate for surrounding materials.

#### SPECIAL FIRE FIGHTING PROCEDURES

Move container from fire area if it can be done without risk.

#### UNUSUAL FIRE & EXPLOSION HAZARDS

Aerosol cans may explode in a fire.

### 6 ACCIDENTAL RELEASE MEASURES

#### SPILL CLEAN UP METHODS

Absorb in vermiculite, dry sand or earth and place into containers.

### 7 HANDLING AND STORAGE

#### USAGE PRECAUTIONS

Ventilate well, avoid breathing vapours. Use approved respirator if air contamination is above accepted level.

#### STORAGE PRECAUTIONS

Store at moderate temperatures in dry, well ventilated area.

### 8 EXPOSURE CONTROLS/PERSONAL PROTECTION

Name	STD	TWA - 8 Hrs		STEL - 15 Min		Notes
2-BUTOXYETHANOL	WEL	25 ppm(Sk)	123 mg/m3	50 ppm(Sk)		
PROPAN-2-OL	WEL	400 ppm	999 mg/m3	500 ppm	1250 mg/m3	

WEL = Workplace Exposure Limit.

#### ENGINEERING MEASURES

No particular ventilation requirements.

#### OTHER PROTECTION

Wear appropriate clothing to prevent any possibility of liquid contact and repeated or prolonged vapour contact.

#### HYGIENE MEASURES

Wash at the end of each work shift and before eating, smoking and using the toilet. Use appropriate skin cream to prevent drying of skin. When using do not eat, drink or smoke. DO NOT SMOKE IN WORK AREA!

### 9 PHYSICAL AND CHEMICAL PROPERTIES

APPEARANCE	Aerosol Liquid
COLOUR	Colourless
ODOUR	Lemon
VOLATILITY DESCRIPTION	Volatile.
RELATIVE DENSITY	0.860 - 0.870(liquid) @ 20 °C
VAPOUR PRESSURE	2.35 kPa @ 20 °C
pH-VALUE, CONC. SOLUTION	7-8

### 10 STABILITY AND REACTIVITY

#### CONDITIONS TO AVOID

Avoid heat, flames and other sources of ignition. Avoid contact with acids and alkalis.

#### HAZARDOUS DECOMPOSITION PRODUCTS

Fire or high temperatures create: Carbon monoxide (CO). Hydrogen fluoride (HF). Carbonyl fluoride

### 11 TOXICOLOGICAL INFORMATION

#### GENERAL INFORMATION

No specific health warnings noted.

#### INHALATION

High concentrations of vapours may irritate respiratory system and lead to headache, fatigue, nausea and vomiting.

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### HEALTH WARNINGS

Intentional misuse by concentrating / inhaling contents may be lethal

### OTHER HEALTH EFFECTS

This substance has no evidence of carcinogenic properties.

Name	PROPAN-2-OL
Name	2-BUTOXYETHANOL
Toxic Dose 1 - LD 50	1480 mg/kg (oral rat)
Name	DISTILLATES (PETROLEUM), HYDROTREATED LIGHT; KEROSENE - UNSPECIFIED

## 12 ECOLOGICAL INFORMATION

### ECOTOXICITY

Not regarded as dangerous for the environment.

Name	PROPAN-2-OL
	2-BUTOXYETHANOL
LC 50, 96 Hrs, Fish mg/l	1700
EC 50, 48 Hrs, Daphnia, mg/l	>1000
IC 50, 72 Hrs, Algae, mg/l	500
Name	DISTILLATES (PETROLEUM), HYDROTREATED LIGHT; KEROSENE - UNSPECIFIED
LC 50, 96 Hrs, Fish mg/l	>1000
EC 50, 48 Hrs, Daphnia, mg/l	>250
IC 50, 72 Hrs, Algae, mg/l	20

## 13 DISPOSAL CONSIDERATIONS

### DISPOSAL METHODS

Empty containers must not be burned because of explosion hazard. Dispose of waste and residues in accordance with local authority requirements.

## 14 TRANSPORT INFORMATION



PROPER SHIPPING NAME	AEROSOLS
ENVIRONMENTALLY HAZARDOUS SUBSTANCE/MARINE POLLUTANT	No.
UN NO. ROAD	1950
ADR CLASS NO.	2
ADR CLASS	Class 2: Gases
ADR PACK GROUP	N/A
TUNNEL RESTRICTION CODE	(E)
ADR LABEL NO.	2.2
UN NO. SEA	1950
IMDG CLASS	2.2
IMDG PACK GR.	N/A
EMS	F-D, S-U
UN NO. AIR	1950
AIR CLASS	2.2
AIR PACK GR.	N/A

## 15 REGULATORY INFORMATION

### RISK PHRASES

NC

Not classified.

## BOARDCLENE

### SAFETY PHRASES

A1	Pressurized container: protect from sunlight and do not expose to temperatures exceeding 50°C. Do not pierce or burn, even after use.
A2	Do not spray on a naked flame or any incandescent material.
S2	Keep out of the reach of children.
S23	Do not breathe vapour/spray.

### UK REGULATORY REFERENCES

Chemicals (Hazard Information & Packaging) Regulations.

The Control of Substances Hazardous to Health Regulations 2002 (S.I 2002 No. 2677) with amendments.

### ENVIRONMENTAL LISTING

Rivers (Prevention of Pollution) Act 1961. Control of Pollution (Special Waste Regulations) Act 1980.

### EU DIRECTIVES

Regulation (EC) No 1907/2006 of the European Parliament and of the Council of 18 December 2006 concerning the Registration, Evaluation, Authorisation and Restriction of Chemicals (REACH), establishing a European Chemicals Agency, amending Directive 1999/45/EC and repealing Council Regulation (EEC) No 793/93 and Commission Regulation (EC) No 1488/94 as well as Council Directive 76/769/EEC and Commission Directives 91/155/EEC, 93/67/EEC, 93/105/EC and 2000/21/EC, including amendments.

### STATUTORY INSTRUMENTS

The Chemicals (Hazard Information and Packaging for Supply) Regulations 2009 (S.I 2009 No. 716). Control of Substances Hazardous to Health.

### APPROVED CODE OF PRACTICE

Classification and Labelling of Substances and Preparations Dangerous for Supply.

### GUIDANCE NOTES

Workplace Exposure Limits EH40.

## 16 OTHER INFORMATION

### REVISION COMMENTS

Revised in accordance with CHIP3 and EU Directives 1999/45/EC and 2001/58/EC

### ISSUED BY

Helen O'Reilly

### REVISION DATE

APRIL 2010

### REV. NO./REPL. SDS GENERATED

8

### SDS NO.

10393

### RISK PHRASES IN FULL

R20/21/22	Harmful by inhalation, in contact with skin and if swallowed.
R22	Harmful if swallowed.
R65	Harmful: may cause lung damage if swallowed.
R11	Highly flammable.
R36/38	Irritating to eyes and skin.
R36	Irritating to eyes.
R38	Irritating to skin.
R41	Risk of serious damage to eyes.
R67	Vapours may cause drowsiness and dizziness.

### DISCLAIMER

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