

**SAFETY DATA SHEET**  
**BCLNC BRAKE CLEANER/ELECTRICAL CLEANER**

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

PRODUCT NAME BCLNC BRAKE CLEANER/ELECTRICAL CLEANER  
 PRODUCT NO. BCLNC16  
 SUPPLIER James Briggs a division of ITW Ltd.  
 Salmon Fields  
 Royton, Oldham, Lancashire,  
 England OL2 6HZ  
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**2 HAZARDS IDENTIFICATION**

Extremely flammable. Vapours may cause drowsiness and dizziness. Irritating to skin. Toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment.

CLASSIFICATION Xi;R38. F+;R12. N;R51/53. R67.

**3 COMPOSITION/INFORMATION ON INGREDIENTS**

Name	EC No.	CAS-No.	Content	Classification
BUTANE	203-448-7	106-97-8	5-10%	F+;R12
ISOBUTANE	200-857-2	75-28-5	1-5%	F+;R12
NAPHTHA (PETROLEUM) , HYDROTREATED LIGHT	265-151-9	64742-49-0	60-100%	Xn;R65. Xi;R38. F;R11. N;R51/53. R67.
PROPANE	200-827-9	74-98-6	10-30%	F+;R12

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

**4 FIRST-AID MEASURES**

**GENERAL INFORMATION**

Move the exposed person to fresh air at once. Get medical attention if any discomfort continues.

**INHALATION**

Move the exposed person to fresh air at once. When breathing is difficult, properly trained personnel may assist affected person by administering oxygen. Keep the affected person warm and at rest. Get prompt medical attention.

**INGESTION**

DO NOT INDUCE VOMITING! Rinse mouth thoroughly with water and give large amounts of milk or water to people not unconscious. Get medical attention if any discomfort continues.

**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. Get medical attention if any discomfort continues.

**5 FIRE-FIGHTING MEASURES**

**EXTINGUISHING MEDIA**

Use: Powder. Dry chemicals, sand, dolomite etc. Water spray, fog or mist.

**SPECIAL FIRE FIGHTING PROCEDURES**

Containers close to fire should be removed or cooled with water. Use water to keep fire exposed containers cool and disperse vapours.

**UNUSUAL FIRE & EXPLOSION HAZARDS**

Aerosol cans may explode in a fire.

**6 ACCIDENTAL RELEASE MEASURES**

**SPILL CLEAN UP METHODS**

Wear necessary protective equipment. Extinguish all ignition sources. Avoid sparks, flames, heat and smoking. Ventilate. Let evaporate. Keep out of confined spaces because of explosion risk. If leakage cannot be stopped, evacuate area.

**BCLNC BRAKE CLEANER/ELECTRICAL CLEANER**

**7 HANDLING AND STORAGE**

USAGE PRECAUTIONS

Keep away from heat, sparks and open flame. Avoid spilling, skin and eye contact. Ventilate well, avoid breathing vapours. Use approved respirator if air contamination is above accepted level.

STORAGE PRECAUTIONS

Aerosol cans: Must not be exposed to direct sunlight or temperatures above 50°C.

**8 EXPOSURE CONTROLS/PERSONAL PROTECTION**

Name	Std	TWA - 8 hrs		STEL - 15 min		Notes
BUTANE	WEL	600 ppm	1450 mg/m3	750 ppm	1810 mg/m3	
ISOBUTANE	WEL	800 ppm		800 ppm		
NAPHTHA (PETROLEUM) , HYDROTREATED LIGHT			1200 mg/m3			
PROPANE		Asphyxiating	Asphyxiating	Asphyxiating	Asphyxiating	

WEL = Workplace Exposure Limit.

INGREDIENT COMMENTS

WEL = Workplace Exposure Limits

PROTECTIVE EQUIPMENT



ENGINEERING MEASURES

Provide adequate general and local exhaust ventilation.

RESPIRATORY EQUIPMENT

No specific recommendation made, but respiratory protection must be used if the general level exceeds the Recommended Workplace Exposure Limit. Use chemical cartridge protection with appropriate cartridge.

HAND PROTECTION

Use protective gloves.

EYE PROTECTION

Use approved safety goggles or face shield.

OTHER PROTECTION

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

HYGIENE MEASURES

DO NOT SMOKE IN WORK AREA! Wash at the end of each work shift and before eating, smoking and using the toilet. Promptly remove any clothing that becomes contaminated. When using do not eat, drink or smoke.

**9 PHYSICAL AND CHEMICAL PROPERTIES**

APPEARANCE	Aerosol		
COLOUR	Colourless		
ODOUR	Characteristic		
SOLUBILITY	Insoluble in water		
FLAMMABILITY LIMIT - LOWER(%)	0.8	FLAMMABILITY LIMIT - UPPER(%)	9.0

**10 STABILITY AND REACTIVITY**

STABILITY

Stable under normal temperature conditions.

CONDITIONS TO AVOID

Avoid heat, flames and other sources of ignition. Avoid contact with: Strong oxidising agents. Strong alkalis. Strong mineral acids.



**BCLNC BRAKE CLEANER/ELECTRICAL CLEANER**

- R38 Irritating to skin.
- R51/53 Toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment.
- R67 Vapours may cause drowsiness and dizziness.

**SAFETY PHRASES**

- S16 Keep away from sources of ignition - No smoking.
- S23 Do not breathe vapour/spray.
- S24 Avoid contact with skin.
- S60 This material and its container must be disposed of as hazardous waste.
- S2 Keep out of the reach of children
- S51 Use only in well-ventilated areas.

**UK REGULATORY REFERENCES**

The Chemicals (Hazard Information and Packaging for Supply) Regulations 2002.

The Control of Substances Hazardous to Health Regulations 2002.

**STATUTORY INSTRUMENTS**

The Control of Substances Hazardous to Health Regulations 2002.

The Chemicals (Hazard Information and Packaging for Supply) Regulations 2002.

**APPROVED CODE OF PRACTICE**

Classification and Labelling of Substances and Preparations Dangerous for Supply.

**GUIDANCE NOTES**

Workplace Exposure Limits EH40.

Introduction to Local Exhaust Ventilation HS(G)37.

CHIP for everyone HSG(108).

**16 OTHER INFORMATION**

REVISION DATE 07/06/2010

REV. NO./REPL. SDS GENERATED 5

**RISK PHRASES IN FULL**

- R11 Highly flammable.
- R12 Extremely flammable.
- R38 Irritating to skin.
- R51/53 Toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment.
- R65 Harmful: may cause lung damage if swallowed.
- R67 Vapours may cause drowsiness and dizziness.

**DISCLAIMER**

This information relates only to the specific material designated and may not be valid for such material used in combination with any other materials or in any process. Such information is, to the best of the company's knowledge and belief, accurate and reliable as of the date indicated. However, no warranty guarantee or representation is made to its accuracy, reliability or completeness. It is the user's responsibility to satisfy himself as to the suitability of such information for his own particular use.