

MATERIAL SAFETY DATA SHEET FOR BOSS MEK CLEANER



1. IDENTIFICATION OF THE SUBSTANCE/PREPARATION AND COMPANY

Product type:	MEK Cleaner
Intended use:	Clear cleaner for PVCU and ABS pipe systems
Trade Name:	BOSS MEK Cleaner
Supplier of product:	The BSS Group plc
Registered Office:	Fleet House, Lee Circle, Leicester, LE1 3QQ
Telephone/Fax Numbers:	0116 262 3232 / 0116 253 1343
E-mail Address	reception@bssgroup.com
Web site Address	www.bss-group.co.uk

2. HAZARD IDENTIFICATION

Highly flammable. Repeated exposure may cause skin dryness or cracking. Vapours may cause drowsiness and dizziness. Irritating to eyes.
Vapours are heavier than air and can travel long distances to a source of ignition. Pilot lights can ignite vapour

3. COMPOSITION/INFORMATION ON INGREDIENTS.

Main Constituents:	EC No	CAS-No	Content	Content
Butanone	201-159-0	78-93-3	60-100%	F; R11 Xi;R36 R66 R67
The full text for all R-Phrases are Display in Section 16				

4. FIRST AID MEASURES

Inhalation:	Remove victim immediately from source of exposure. Move the exposed person to fresh air at once. Get medical attention
Ingestion:	DO NOT induce vomiting. Get medical attention immediately
Skin Contact:	Promptly flush contaminated skin with water. Promptly remove clothing if soaked through and flush the skin with water. Wash skin with soap and water. Get medical attention if irritation persists after washing.
Eye Contact:	Rinse the eye with water immediately. Continue to rinse for at least 15 minutes and get medical attention

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5. FIRE FIGHTING MEASURES

EXTINGUISHING MEDIA	
Fire can be extinguished using:	Powder. Foam
Unusual Fire and Explosion Hazards:	Generates massive smoke during fire. Vapours are heavier than air and may spread near ground to source of ignition. HIGHLY FLAMMABLE Risk of explosion in closed containers if pressure rises rapidly. Solvent vapours may form explosive mixtures with air.
Specific Hazard:	Toxic gases/vapours/fumes of Carbon Dioxide (CO ₂). Carbon Monoxide (CO)
Protective Measures in Fire:	Self contained breathing apparatus and full protective clothing must be worn in case of fire.

6. ACCIDENTAL RELEASE MEASURES





Personal Precautions:	Wear personal protective equipment. Avoid contact with skin and eyes. Provide adequate ventilation
Environmental Precautions:	Prevent entry into drains. Avoid discharge into water courses or onto the ground.
Spill Clean Up Methods:	Extinguish all ignition sources. Avoid sparks, flames, heat and smoking. Ventilate. Runoff or release to sewer, waterways or ground is forbidden. Absorb with sand or other inert absorbent. Collect with absorbent, non-combustible material into suitable containers. Containers with collected spillage must be properly labelled with correct contents and hazard symbol.

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 acceptable level.
Storage precautions:	Flammable/combustible – keep away from oxidisers, heat and flames. Ground container and transfer equipment to eliminate static electric sparks. Store at moderate temperatures in dry, well ventilated area.
Storage Class:	Flammable liquid storage

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

Name	Std	LT – ppm	LT – mg/m ³	ST – ppm	ST mg/m ³
BUTANONE	WEL	200 ppm(Sk)	600 mg/m ³ (Sk)	300 ppm(Sk)	899 mg/m ³ (Sk)

Ingredient Comments:	WEL – Workplace Exposure Limits				
Protective Equipment:	   				
Engineering Measures:	Explosion-proof general and local exhaust ventilation				
Respiratory Equipment:	Respiratory protection must be used if air contamination exceeds acceptable level. Wear mask supplied with gas cartridge suitable for organic substances				

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Hand Protection:	Protective gloves must be used if there is a risk of direct contact or splash. Use protective gloves made of Nitrile. Use thin cotton gloves inside the rubber gloves is allergy risk
Eye Protection:	Wear splash-proof eye goggles to prevent any possibility of eye contact
Other Protection:	Wear appropriate clothing to prevent repeated or prolonged skin contact.
Hygiene Measures:	DO NOT SMOKE IN WORK AREA! Wash promptly if skin becomes contaminated. 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.

9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance:	Liquid		
Colour:	Clear		
Odour:	Ketonic		
Relative Density:	0.806 @ 25°C	Flashpoint (°C)	-5CC (closed cup)

10. STABILITY AND REACTIVITY

STABILITY	
Avoid:	Heat, Sparks, Flames
Materials to Avoid:	Strong oxidising substances
HAZARDOUS DECOMPOSITION PRODUCTS	
Fire or high temperatures create:	Toxic gases/vapours/fumes of: Carbon Dioxide (Co2), Carbon Monoxide (Co)

11. TOXICOLOGICAL INFORMATION

Inhalation:	Drowsiness, dizziness, disorientation, vertigo. Gas or vapour may irritate respiratory system
Ingestion:	Pneumonia may be the result if vomited material containing solvents reaches the lungs
Skin Contact:	Prolonged contact may cause dryness of the skin. May cause skin irritation/eczema
Eye Contact:	Irritating to the eyes. Irritation, burning, lachrymation, blurred vision after liquid splash
Health Warnings:	Defats the skin. Prolonged or repeated exposure may cause severe irritation
Medical Considerations:	Skin disorders and allergies

12. ECOLOGICAL INFORMATION


Ecotoxicity:	Not regarded as dangerous for the environment. However, contamination of the aquatic or terrestrial environments should be avoided.
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13. DISPOSAL CONSIDERATIONS

General Information:	Waste is classified as hazardous waste. Disposal to licensed waste disposal site in accordance with local Waste Disposal Authority.
Disposal Methods:	Dispose of waste residues in accordance with local authority requirements. Do not allow runoff to sewer, waterway or ground. Recover and reclaim or recycle, if practical.
Waste Class:	Classified as Special Waste. Not permitted for landfill in liquid state.

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14. TRANSPORT INFORMATION

			
UK Road Class:	3		
Proper Shipping Name:	Ethyl Methyl Ketone (Methyl Ethyl Ketone)		
UN No. Road:	1193	UK Road Pack Gr.:	II
ADR Class No.:	3	ADR Class:	Class 3: Flammable Liquids
ADR Pack Group:	II	Hazard No. (ADR):	33
ADR Label No.:	3	Hazchem Code:	2YE
Cerfic Tec(R) No.:	30GF1-I+II	RID Class No.:	3
RID Pack Group:	II	UN No. Sea	1193
IMDG Class:	3	IMDG Pack Gr.	II
EMS:	F-E, S-D	Marine Pollutant:	No
UN No. Air	1193	Air Class	3
Air Pack Gr.:	II		

15. REGULATORY INFORMATION

Labelling:		
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Risk Phrases:	R11	Highly flammable
	R36	Irritating to eyes
	R66	Repeated exposure may cause skin dryness or cracking
	R67	Vapours may cause drowsiness and dizziness

Safety Phrases:	S2	Keep out of reach of children
	S9	Keep container in well-ventilated place
	S36/37/39	Wear suitable protective clothing, gloves and eye/face protection
	S46	If swallowed, seek medical advice immediately and show this container or label
	S51	Use only in well-ventilated areas
	S56	Dispose of this material and its container to hazardous or special waste collection point
	S60	This material and its container must be disposed of as hazardous waste

Statutory Instruments:	Chemicals (Hazard Information and Packaging) Regulations. 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. CHIP for everyone HSG(108). Introduction to Local Exhaust Ventilation HS(G) 37

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16. OTHER INFORMATION

General Information:	This product should be used as directed by Bostik Ltd. For further information consult the product data sheet or contact Technical Services.
Information Sources:	This safety data sheet was compiled using current safety information supplied by distributor of raw material.
Risk Phrases in Full:	R11 Highly flammable
	R36 Irritating to eyes
	R66 Repeated exposure may cause skin dryness or cracking
	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 material 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, the user's responsibility to satisfy himself as to the suitability of such information for his own particular use.