




**MATERIAL SAFETY DATA SHEET FOR
BOSS™ X-PO80 - 16910393**

1. IDENTIFICATION OF THE SUBSTANCE/PREPARATION AND COMPANY

Product type:	X-PO80
Intended use:	A liquid biocide.
Trade Name:	BOSS X-PO80
Supplier of product:	The BSS Group Ltd
Registered Office:	Travis Perkins PLC, Lodge Way House, Lodge Way, Harlestone Road, Northampton NN5 7UG.
Telephone/Fax Numbers:	0116 245 5500 / 0116 218 2214
E-mail Address	reception@bssgroup.com
Web site Address	www.bssindustrial.co.uk

2. HAZARD IDENTIFICATION

Classification of the substance or mixture	
Classification under CLP:	EyeIrrit.2: H319; SkinSens.1: H317
Label elements under CLP:	
Hazard statements:	H317: May cause an allergic skin reaction. H318: Causes serious eye damage.
Signal word:	Warning
Hazard pictograms:	
Precautionary statements:	P261: Avoid breathing dust/fumes/gas/mist/vapours/spray. P264: Wash skin thoroughly after handling. P280: Wear protective gloves/protective clothing/eye protection/face protection. P302+352: IF ON SKIN: Wash with plenty of water/... P305+351+338: IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. P321: Specific treatment (see instructions on this label).
Other hazards	
PBT:	This substance is not identified as a PBT substance

3. COMPOSITION/INFORMATION ON INGREDIENTS.

Hazardous ingredients					
Ingredients	EINECS	CAS	Reach Reg No.	CLP Class	Percent
TETRAKIS (HYDROXYMETHYL) PHOSPHONIUM SULPHATE	259-709-0	55566-30-8		AcuteTox.4: H302; AcuteTox.3: H331; EyeDam.1: H318; SkinSens.1: H317; Repr.2: H361d; AquaticAcute1: H400; AquaticChronic2: H411	10-10%
Contains:					

4. FIRST AID MEASURES

Description of first aid measures	
Skin Contact:	Remove all contaminated clothes and footwear immediately unless stuck to skin. Wash immediately with plenty of soap and water. Consult a doctor
Eye Contact:	Bathe the eye with running water for 15 minutes. Consult a doctor.
Ingestion:	Wash out mouth with water. Consult a doctor.
Inhalation:	Remove casualty from exposure ensuring one's own safety whilst doing so. Consult a doctor.
Most important symptoms and effects, both acute and delayed	
Skin Contact:	There may be irritation and redness at the site of contact.
Eye Contact:	There may be irritation and redness. The eyes may water profusely.
Ingestion:	There may be soreness and redness of the mouth and throat.
Inhalation:	There may be irritation of the throat with a feeling of tightness in the chest. Exposure may cause coughing or wheezing

5. FIRE FIGHTING MEASURES

Extinguishing media	
Extinguishing media:	Suitable extinguishing media for the surrounding fire should be used. Use water spray to cool containers.
Special hazards arising from the substance or mixture	
Exposure hazards:	In combustion emits toxic fumes.
Advice for fire-fighters	
Advice for fire-fighters:	Wear self-contained breathing apparatus. Wear protective clothing to prevent contact with skin and eyes.

6. ACCIDENTAL RELEASE MEASURES

Personal precautions, protective equipment and emergency procedures	
Personal precautions:	Do not attempt to take action without suitable protective clothing - section 8 of SDS. Turn leaking containers leak-side up to prevent the escape of liquid.
Environmental precautions	
Environmental precautions:	Do not discharge into drains or rivers. Contain the spillage using bunding.
Methods and material for containment and cleaning up	
Clean-up procedures:	Absorb into dry earth or sand. Transfer to a closable, labelled salvage container for disposal by an appropriate method.
Reference to other sections	
Reference to other sections:	Refer to section 8 of SDS.

7. HANDLING AND STORAGE:

Precautions for safe handling	
Handling requirements:	Avoid direct contact with the substance. Avoid the formation or spread of mists in the air.
Conditions for safe storage, including any incompatibilities	
Storage conditions:	Store in cool, well ventilated area. Keep container tightly closed
Suitable packaging:	Must only be kept in original packaging.
Specific end use(s)	
Specific end use(s):	No data available.

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

Control Parameters	
DNEL/PNEC Values	
DNEL / PNEC:	No data available
Exposure controls	
Engineering measures:	Ensure there is sufficient ventilation of the area.
Respiratory Protection:	Self-contained breathing apparatus must be available in case of emergency.
Hand protection:	Impermeable gloves.
Eye Protection:	Safety glasses. Ensure eye bath is to hand.
Skin Protection:	Impermeable protective clothing.

9. PHYSICAL AND CHEMICAL PROPERTIES

Information on basic physical and chemical properties			
State:	Liquid	Solubility in water:	Miscible in all proportions
Colour:	Colourless	Relative density:	1.003 pH: 3.0 - 4.0
Odour:	Perceptible odour		
Viscosity Test Method:			
Boiling Point/Range:		Melting Point/Range:	
Vapour Press:			
Other information			
Other information:	No data available.		

10. STABILITY AND REACTIVITY

Reactivity	
Reactivity:	Stable under recommended transport or storage conditions.
Chemical stability	
Chemical Stability:	Stable under normal conditions.
Possibility of hazardous reactions	
Hazardous reactions:	Hazardous reactions will not occur under normal transport or storage conditions. Decomposition may occur on exposure to conditions or materials
Conditions to avoid	
Conditions to avoid:	Heat.
Incompatible materials	
Materials to avoid:	Strong bases
Hazardous decomposition products	
Hazardous decomposition products:	In combustion emits toxic fumes.

11. TOXICOLOGICAL INFORMATION

Information on toxicological effects	
Effects of mixture:	Calculated
Symptoms / routes of exposure	
Skin Contact:	There may be irritation and redness at the site of contact.
Eye Contact:	There may be irritation and redness. The eyes may water profusely.
Ingestion:	There may be soreness and redness of the mouth and throat.
Inhalation:	Exposure may cause coughing or wheezing

12. ECOLOGICAL INFORMATION

Toxicity	
Ecotoxicity values:	Not applicable
Persistence and degradability	
Persistence and degradability:	No data available
Bioaccumulative potential	
Bioaccumulative potential:	No data available
Mobility in soil	
Mobility in solid:	Soluble in water.
Results of PBT and vPvB assessment	
PBT identification:	This substance is not identified as a PBT substance
Other adverse effects	
Other adverse effects:	Negligible ecotoxicity.

13. DISPOSAL CONSIDERATIONS

Waste treatment methods	
Disposal operations:	Transfer to a suitable container and arrange for collection by specialised disposal company.
Disposal of packaging:	Return empty containers to the supplier for recycling. Damaged containers should be destroyed by cutting up or by incineration. Do not use for potable water.
NB:	The user's attention is drawn to the possible existence of regional or national regulations regarding disposal.

14. TRANSPORT INFORMATION

UN Number	
UN number:	-
UN Proper shipping name	
Shipping name:	NOT CLASSIFIED AS DANGEROUS IN THE MEANING OF TRANSPORT REGULATIONS.
Transport hazard class(es)	
Transport class:	
Packing Group	
Packing group:	
Special precautions for user	
Tunnel Code:	
Transport category:	

15. REGULATORY INFORMATION

Safety, health and environmental regulations/legislation specific for the substance or mixture	
Chemical Safety Assessment	
Chemical safety assessment:	A chemical safety assessment has not been carried out for the substance or the mixture by the supplier.

16. OTHER INFORMATION

Chemical safety assessment:	This safety data sheet is prepared in accordance with Commission Regulation (EU) No 453/2010
Phrases used in s.2 and 3:	H302: Harmful if swallowed. H317: May cause an allergic skin reaction. H318: Causes serious eye damage. H319: Causes serious eye irritation. H331: Toxic if inhaled. H361d: Suspected of damaging the unborn child. H400: Very toxic to aquatic life. H411: Toxic to aquatic life with long lasting effects. R22: Harmful if swallowed. R41: Risk of serious damage to eyes. R43: May cause sensitisation by skin contact. R50: Very toxic to aquatic organisms.
<u>DISCLAIMER</u> 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.	