




**MATERIAL SAFETY DATA SHEET FOR  
BOSS™ X-PO45 10LTR & 100LTR – 16910349 & 16910360**

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

<b>Product type:</b>	X-PO45
<b>Intended use:</b>	A pre-commission cleanser
<b>Trade Name:</b>	BOSS X-PO45
<b>Supplier of product:</b>	The BSS Group Ltd
<b>Registered Office:</b>	Travis Perkins PLC, Lodge Way House, Lodge Way, Harlestone Road, Northampton NN5 7UG.
<b>Telephone/Fax Numbers:</b>	0116 245 5500 / 0116 218 2214
<b>E-mail Address</b>	reception@bssgroup.com
<b>Web site Address</b>	www.bssindustrial.co.uk

**2. HAZARD IDENTIFICATION**

<b>Classification of the substance or mixture</b>	
<b>Classification under CLP:</b>	EyeIrrit.2: H319
<b>Label Elements under CLP:</b>	
<b>Hazard statements:</b>	H319: Causes serious eye irritation.
<b>Signal word:</b>	Warning
<b>Hazard pictograms</b>	
<b>Precautionary statements:</b>	P264: Wash skin thoroughly after handling. P280: Wear protective gloves/protective clothing/eye protection/face protection. P305+351+338: IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. P337+313: If eye irritation persists: Get medical advice/attention.
<b>Other hazards</b>	
<b>PBT:</b>	This substance is not identified as a PBT substance

### 3. COMPOSITION/INFORMATION ON INGREDIENTS.

<b>Hazardous ingredients</b>					
Ingredients	EINECS	CAS	Reach Reg No.	CLP Class	Percent
TETRASODIUM ETHYLENE DIAMINE TETRAACETATE	200-573-9	64-02-8	01-2119486762-27		1-10%
BRONOPOL (INN)	200-143-0	52-51-7	01-2119980938-15	AcuteTox.4: H302;AcuteTox.4: H302;STOTSE3: H335;SkinIrrit.2: H315;EyeDam.1: H318;AquaticAcute1: H400	<1%

Contains:

### 4. FIRST AID MEASURES

<b>Description of first aid measures</b>	
<b>Skin Contact:</b>	Wash immediately with plenty of soap and water.
<b>Eye Contact:</b>	Bathe the eye with running water for 15 minutes. Transfer to hospital for specialist examination.
<b>Ingestion:</b>	Wash out mouth with water.
<b>Inhalation:</b>	Not applicable.
<b>Most important symptoms and effects, both acute and delayed</b>	
<b>Skin Contact:</b>	There may be irritation and redness at the site of contact.
<b>Eye Contact:</b>	There may be pain and redness. The eyes may water profusely. There may be severe pain. The vision may become blurred. May cause permanent damage
<b>Ingestion:</b>	There may be soreness and redness of the mouth and throat. Nausea and stomach pain may occur.
<b>Inhalation:</b>	There may be irritation of the throat with a feeling of tightness in the chest.

### 5. FIRE FIGHTING MEASURES

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

### 6. ACCIDENTAL RELEASE MEASURES

<b>Accidental release measures</b>	
<b>Personal precautions, protective equipment and emergency procedures</b>	
<b>Personal precautions:</b>	Mark out the contaminated area with signs and prevent access to unauthorised personnel. Do not attempt to take action without suitable protective clothing - see section 8 of SDS. Turn leaking containers leak-side up to prevent the escape of liquid.

## 6. ACCIDENTAL RELEASE MEASURES (cont)

<b>Environmental precautions</b>	
<b>Environmental precautions:</b>	Do not discharge into drains or rivers. Contain the spillage using bunding
<b>Methods and material for containment and cleaning up</b>	
<b>Clean-up procedures:</b>	Absorb into dry earth or sand. Transfer to a closable, labelled salvage container for disposal by an appropriate method.
<b>Reference to other sections</b>	
<b>Reference to other sections:</b>	Refer to section 8 of SDS.

## 7. HANDLING AND STORAGE:

<b>Precautions for safe handling</b>	
<b>Handling requirements:</b>	Avoid direct contact with the substance. Ensure there is sufficient ventilation of the area. Avoid the formation or spread of mists in the air.
<b>Conditions for safe storage, including any incompatibilities</b>	
<b>Storage conditions:</b>	Store in a cool, well ventilated area. Keep container tightly closed
<b>Suitable packaging:</b>	Polyethylene. Polypropylene. Stainless steel. Unsuitable packaging: metals and alloys.
<b>Specific end use(s)</b>	
<b>Specific end use(s):</b>	No data available.

## 8. EXPOSURE CONTROLS/PERSONAL PROTECTION

<b>DNEL/PNEC Values</b>	
<b>DNEL / PNEC:</b>	No data available
<b>Exposure controls</b>	
<b>Engineering measures:</b>	Ensure there is sufficient ventilation of the area.
<b>Respiratory Protection:</b>	Self-contained breathing apparatus must be available in case of emergency.
<b>Hand Protection:</b>	Protective gloves.
<b>Eye Protection:</b>	Tightly fitting safety goggles. Ensure eye bath is to hand
<b>Skin Protection:</b>	Protective clothing.

## 9. PHYSICAL AND CHEMICAL PROPERTIES

<b>Information on basic physical and chemical properties</b>			
<b>State:</b>	Liquid	<b>Solubility in water:</b>	Miscible in all proportions
<b>Colour:</b>	Colourless	<b>Relative density:</b>	1.032      pH: 5.5-6.5
<b>Odour:</b>			
<b>Viscosity Test Method:</b>			
<b>Boiling Point / Range:</b>		<b>Melting Point / Range:</b>	
<b>Vapour Press:</b>			
<b>Other information</b>			
<b>Other information:</b>	No data available		

## 10. STABILITY AND REACTIVITY

<b>Reactivity</b>	
<b>Reactivity:</b>	Stable under recommended transport or storage conditions.

## 10. STABILITY AND REACTIVITY (cont.)

<b>Chemical stability</b>	
<b>Chemical Stability:</b>	Stable under normal conditions.
<b>Possibility of hazardous reactions</b>	
<b>Hazardous reactions:</b>	Hazardous reactions will not occur under normal transport or storage conditions. Decomposition may occur on exposure to conditions or materials
<b>Conditions to avoid</b>	
<b>Conditions to avoid:</b>	Heat.
<b>Incompatible materials</b>	
<b>Materials to avoid:</b>	Strong oxidising agents. Strong acids.
<b>Hazardous decomposition products</b>	
<b>Hazardous decomposition products:</b>	In combustion emits toxic fumes.

## 11. TOXICOLOGICAL INFORMATION

<b>Information on toxicological effects</b>				
<b>BRONOPOL (INN)</b>				
SKN	RAT	LD50	1600	mg/kg
SKN	MUS	LD50	4750	mg/kg
ORL	RAT	LD50	180	mg/kg
ORL	MUS	LD50	270	mg/kg
<b>Effects of mixture</b>	Calculated			
<b>Symptoms / routes of exposure</b>				
<b>Skin Contact:</b>	There may be irritation and redness at the site of contact.			
<b>Eye Contact:</b>	There may be pain and redness. The eyes may water profusely. There may be severe pain. The vision may become blurred. May cause permanent damage			
<b>Ingestion:</b>	There may be soreness and redness of the mouth and throat. Nausea and stomach pain may occur.			
<b>Inhalation:</b>	There may be irritation of the throat with a feeling of tightness in the chest.			

## 12. ECOLOGICAL INFORMATION

<b>Toxicity</b>	
<b>Ecotoxicity values:</b>	Not applicable
<b>Persistence and degradability</b>	
<b>Persistence and degradability:</b>	Biodegradable.
<b>Bioaccumulative potential</b>	
<b>Bioaccumulative potential:</b>	No bioaccumulation potential.
<b>Mobility in soil</b>	
<b>Mobility in solid:</b>	Readily absorbed into soil.
<b>Results of PBT and vPvB assessment</b>	
<b>PBT identification:</b>	This substance is not identified as a PBT substance
<b>Other adverse effects</b>	
<b>Other adverse effects:</b>	Negligible ecotoxicity.

### 13. DISPOSAL CONSIDERATIONS

<b>Waste treatment methods</b>	
<b>Disposal operations:</b>	Transfer to a suitable container and arrange for collection by specialised disposal company.
<b>Disposal of packaging:</b>	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.
<b>NB:</b>	The user's attention is drawn to the possible existence of regional or national regulations regarding disposal.

### 14. TRANSPORT INFORMATION

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

### 15. REGULATORY INFORMATION

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

### 16. OTHER INFORMATION

<b>Chemical safety assessment:</b>	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 H312: Harmful in contact with skin. H315: Causes skin irritation. H318: Causes serious eye damage. H319: Causes serious eye irritation. H335: May cause respiratory irritation. H400: Very toxic to aquatic life. R21/22: Harmful in contact with skin and if swallowed. R22: Harmful if swallowed. R37/38: Irritating to respiratory system and skin. R41: Risk of serious damage to eyes. R50: Very toxic to aquatic

### 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.

