SAFETY DATA SHEET

Viscous Bleach<5%

SECTION 1. IDENTIFICATION OF THE SUBSTANCE / PREPARATION AND OF THE COMPANY / UNDERTAKING

1.1 Product Name	Viscous Bleach<5%				
1.2 Other Names	Viscous Bleach<5%				
SDS No	C2/466	Rev Date:	3rd January 2020	Rev No:	3
1.3 Application	**General Cleaning & Sanitizing**				
1.4 Supplier	Prime Industries NW Limited, Unit 4 Foundry Lane, Halebank Industrial Estate, Widnes, WA8 8TZ. PHONE 0300 303 4323 sales@primeindustries.co.uk				
1.5 Emergency Contact Number	0300 303 4323 (Hours of Operation – 06.00 to 17:00 Monday to Friday)				

SECTION 2. HAZARD IDENTIFICATION

Classification (EC1272/2008)	
2.1 Signal Word	Warning
2.1 Classification	Physical: Not classified Health: Eye Irrit. 2 – H319 Environmental Not classified
Hazard Statements	H319 – Causes serious eye irritation
Precautionary Statements	P102 – Keep out of reach of children. P264 – Wash hands thoroughly after handling. P280 – Wear protective gloves/protective clothing/eye protection/face protection. P305 + P351 + P338 – IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. P337 + P313 – If eye irritation persists: Get medical advice/attention.
2.2 Labelling	
	GHS07
2.3 Other Hazards	None

SECTION 3. COMPOSITION / INFORMATION ON INGREDIENTS

3.2 Mixture

Product	EC (EINECS No.	CAS-No.	%
Sodium Hypochlorite solution	231-668-3	7681-52-9	<5
Classification (EC 1272/2008)			
Physical: Met. Corr. 1 – H290. Health: EUH031, Skin Corr. 1 – H314, STOT SE – H335. Environmental: Aquatic Acute 1 – H400.			
Product	EC (EINECS No.	CAS-No.	%
Sulfuric Acid, Mono C12-14-Alkyl (Even Numbered) Esters, Sodium salts	N/a	N/a	1-5
Classification (EC 1272/2008)			
Physical: Not Classified. Health: Acute Tox. 4 – H302, Skin Irrit. 2 – H315, Eye Dam. 1 – H318. Environmental: Not Classified.			
Product	EC (EINECS No.	CAS-No.	%
Sodium Hydroxide	215-185-5	1310-73-2	<1
Classification (EC 1272/2008)			
Physical: Met Corr. 1 – H290. Health: Skin Corr. 1 – H314. Environmental: Not Classified.			

For the full text of the H-statements mentioned in this section, see section 16.

SECTION 4. FIRST-AID MEASURES

4.1 Description of First Aid Measures	
Inhalation	Move exposed person to fresh air. Get medical attention if symptoms persist
Ingestion	Get medical advice immediately! Do Not Induce Vomiting! Immediately rinse mouth and drink plenty of water
Skin Contact	Remove contaminated clothing and wash with soap and water. Get medical attention if irritation continues
Eye Contact	Immediately flush with plenty of water for up to 15 minutes. Remove contact lenses if safe and easy to do so, open eyes wide apart. Get medical attention immediately. Continue to rinse.
4.2 Most Important Symptoms and effects, both acute and delayed	
General Information	Symptoms described are dependent upon the concentration and exposure time
Inhalation	Possible irritation of throat, nose & airway
Ingestion	Irritation, possible burns to throat mouth and stomach
Skin Contact	Possible Irritation to skin
Eye Contact	Possible serious eye damage
4.3 Indication of immediate medical attention and special treatment needed if necessary	

SECTION 5. FIRE-FIGHTING MEASURES

5.1 Suitable Extinguishing Media Use:
The preparation is not readily flammable, use fire-extinguishing media suitable for surrounding materials
5.2 Specific Hazard arising from the chemical
When heated in the case of fire, harmful or toxic gases may be produced
5.3 Special protective actions for fire fighters
Self contained breathing apparatus and full protective clothing must be worn

SECTION 6. ACCIDENTAL RELEASE MEASURES

6.1 Personal Precautions, protective equipment and emergency procedures

a. The wearing of suitable protective equipment (including personal protective equipment, see section 8 of this SDS) to prevent any contamination of skin, eyes and personal clothing.
b. Follow precautions for safe handling described in section 7 of this SDS.

6.2 Environmental Precautions

Spillages of uncontrolled discharges into watercourses must be Immediately alerted to the Environmental Agency or other appropriate regulatory body, without endangering individuals every effort should be made to prevent entrance to drains.

6.3 Methods and material for containment and clean up

Drains should be Bunded or capped to prevent entrance or damage.
Ventilate well. Dilute with copious amounts of water. Collect with absorbent, non-combustible material into suitable containers. Flush area with plenty of water.

SECTION 7. HANDLING AND STORAGE

7.1 Precautions for safe handling

Avoid Spilling, skin and eye contact. Do not mix with any other cleaning products or chemicals
Do Not Smoke In Work Area! Wash at the end of each work shift and before eating, smoking and using the toilet. Wash promptly if skin becomes contaminated. Promptly remove any clothing that becomes contaminated. When using, do not eat, drink or smoke.

7.2 Conditions for safe Storage, including incompatibilities

Keep containers tightly closed. Keep in original containers. Do not allow product to freeze, avoid extreme temperatures

7.3 Specific end use(s)

The identified use for this product is detailed in section 1.2.

SECTION 8. EXPOSURE CONTROLS / PERSONAL PROTECTION

8.1 Control parameters

Name	STD	Consumer		Industry		Notes
Sodium Hypochlorite	DNEL	Long Term	1.55mg/m3	Long Term	1.55mg/m3	Inhalation
		Short Term	3.1mg/m3	Short Term	3.1mg/m3	Inhalation
Sulfuric Acid, Mono C12-14-Alkyl (Even Numbered) Esters, Sodium salts	DNEL	Long Term	24 mg/kg/day			Oral
		Long Term	85 mg/m3			Inhalation
				Long Term	4060 mg/kg/day	Dermal
				Long Term	285 mg/m3	Inhalation
				Long Term	2440 mg/kg/day	Dermal

DNEL= Derived No Effect Level

8.1 Control parameters

Name	STD	TWA – 8 Hrs		STEL – 15 Min		Notes
Sodium Hydroxide	WEL				2	

WEL= Workplace Exposure Limit

8.2 Appropriate engineering controls

Provide adequate ventilation

8.3 Individual protection measures, such as personal protective equipment (PPE)

Respiratory Equipment	If ventilation is in sufficient, suitable respiratory protection must be provided.
Hand Protection	PVC gloves are recommended.
Eye Protection	Ware approved safety goggles.
Other Protection	Wear rubber apron or protective clothing to prevent contact with skin.

Protective Equipment

SECTION 9. PHYSICAL AND CHEMICAL PROPERTIES

9.1 Information on basic physical and chemical properties

This Product is a	Mixture		
Appearance	Viscous Liquid		
Colour	Colourless to pale yellow		
Odour	Chlorine		
Solubility	Soluble in water		
pH value	9-10.5	**Boiling Point (°C)**	>100
Relative Density	1.05		

9.2 Other information

SECTION 10. STABILITY AND REACTIVITY

10.1 Reactivity

Generates toxic gas in contact with acid

10.2 Chemical stability

Stable under normal temperature conditions and recommended use.

10.3 Possibility of hazardous reactions

Generates toxic gas in contact with strong acids

10.4 Conditions to avoid

Avoid excessive heat for prolonged periods of time. Do Not allow to freeze

10.5 Incompatible materials

Strong acids, Amines

10.6 Hazardous decomposition products

Oxygen

SECTION 11. TOXICOLOGICAL INFORMATION

11.1 Information on toxicological effects

Toxicological information

We have not carried out any animal testing; therefore we have no toxicological data specifically for this product. The toxicological data, where provided by the raw material manufacture, can be made available on request**.**

SECTION 12. ECOLOGICAL INFORMATION

12.1 Toxicity

We have not carried out any Aquatic testing; therefore we have no Aquatic Toxicity Data specifically for this product. The Aquatic Toxicity data, where provided by the raw material manufacturer for the ingredients with aquatic toxicity can be provided on request

12.2 Persistence and degradability

Degradability: the surfactants used in this preparation are designed for disposal via normal foul water disposal methods

12.3 Bioaccumulative potential

This preparation does not contain any substance that is expected to be bioaccumlating

12.4 Mobility in soil

Soluble in water

12.5 Results of PBT and vPvB

This preparation does not contain and PBT or vPvB substances

12.6 Other adverse effects

Not Known

SECTION 13. DISPOSAL CONSIDERATIONS

13.1 Waste treatment methods

The preparation is designed for disposal via foul drain after use. Large volumes to be treated as controlled waste. Disposal to licensed waste disposal site in accordance with local waste disposal authority. Clean used container and recycle.

SECTION 14. TRANSPORT INFORMATION

This product is not classified as hazardous for transport, as per IATA, ADR & IMDG.

SECTION 15. REGULATORY INFORMATION

15.1 Safety, health and environmental regulations/legislation specific to the substance or mixture
Guidance notes: Workplace Exposure Limits EH40
EU Legislation: Safety Data sheets prepared in accordance with REACH Commission Regulation (EU) No 453/2010 and CHIP Directive 1999/45/EEC Classification, Packaging & Labelling of dangerous preparations. Ingredients are listed with classification under both CHIP – Directive 67/548/EEC and GHS / CLP – Regulation (EC) No 1272/2008 classification, ADR 2013
15.2 Chemical Safety Assessment
Not applicable this product is a mixture

SECTION 16. OTHER INFORMATION

REV. No. REPL. SDS	2/1
Generated	23rd July 2015 replaces v1 22nd April 2015
SDS No.	C2/466
SDS Status	Ok
Approved	22nd April 2015
Notes	This information relates only to the specific material designed 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 date indicated. However, no warranty, guarantee or representation is made as 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.
Hazard statements in full	H290 – May be corrosive to metals. H302 – Harmful if swallowed. H314 – Causes severe skin burns and eye damage. H315 – Causes skin irritation. H318 – Causes serious eye damage. H335 – May cause respiratory irritation. H400 – Very toxic to aquatic life.
Supplementary P- Statements	None
EUH Statements	EUH031 – Contact with acids liberated toxic gas
END of SDS	