



MATERIAL SAFETY DATA SHEET

WAC CLEANER H

Revision date: 20.03.2024

Page 1 of 8

SECTION 1: Product and Company Identification

Product Identifier:

Name: WAC CLEANER H

Mark: SABS 1828:2017

Permit No: 9483/15033

Original registration: 20/07/2011

Product Description:

Degreaser

Trade Name:

WAC CLEANER H

Chemical Family:

Surfactant

Chemical Name:

Formulated product

UN No:

UN 1760

Details of the Supplier:

Prime Cleaning Suppliers (Pty) Ltd.

1 Mints Street

Old Mint Park

Louwlandia, 1683

Postal Address:

PO Box 2433

Halfway House

Midrand 1685

Telephone:

011 314 3014

Website:

www.primecs.co.za

SECTION 2: Product and Company Identification

<u>2.1 Classification of the substance or mixture</u>	
Hazard Ingredients:	Sodium Metasilicate Pentahydrate. Sodium Lauryl Ether Sulphate. Dodecylbenzene Sulfonic Acid.
Adverse human health effects:	XI Irritant




MATERIAL SAFETY DATA SHEET

WAC CLEANER H

Revision date: 20.03.2024

Page 2 of 8

2.2 Label elements	
Signal word:	Caution
Pictograms:	
Hazard statements:	Causes eye irritation.
Precautionary statements:	Keep out of reach of children. Keep away from sources of ignition & Heat.
Environmental effects:	High concentrations are hazardous to aquatic life.
Physical hazards:	None.
Chemical hazards:	Non-flammable

SECTION 3: Composition/information on ingredients

Substance	CAS Number	% (w/w)
Sodium Lauryl Ether Sulphate	9004-82-4	<1%
Sodium Metasilicate Pentahydrate	10213-79-3	>2%
Dodecylbenzene Sulfonic Acid	27176-87-0	<1%

SECTION 4: First aid measures

Inhalation:	Immediately remove the patient to fresh air and keep a rest in a position comfortable for breathing. Consult a doctor immediately.
Eye contact:	Flush eyes with clean water for at least 15 minutes and consult a doctor immediately.
Skin contact:	Contact with the skin is likely to cause irritation and sensitization. Rinse exposed skin with clean water. If symptoms arise consult a doctor.
Ingestion:	Rinse out mouth and drink as much water as possible. Do not induce vomiting. Never give anything by mouth to an unconscious



MATERIAL SAFETY DATA SHEET

WAC CLEANER H

Revision date: 20.03.2024

Page 3 of 8

person. Consult a doctor immediately.

SECTION 5: Firefighting measures

Non-flammable

Extinguishing media:	Water spray, carbon Dioxide, alcohol resistant foam, dry chemicals, sand.
Specific hazards:	Fumes containing carbon oxides, nitrogen oxides, phosphorus oxides, sodium oxides and hydrogen chloride gas are likely to develop under fire conditions. Do not let the run-off from firefighting enter watercourses or drains.
Protection during firefighting:	Protection of firefighters: Wear positive-pressure, self-contained breathing apparatus and protective firefighting clothing. Do not enter fire area without proper protective equipment, including respiratory protection.

SECTION 6: Accidental release measure

Personal precautions:	Use personal protective equipment. Wear respiratory protection. Avoid breathing vapours, mist or gas. Ensure adequate ventilation. Evacuate personnel to safe areas.
Environmental precautions:	Prevent contamination of surface and ground water. Prevent entry into sewers and public waters. Notify authorities if liquid enters sewers or public waters.
Methods for cleaning up:	Soak up small spills with absorbent material, remove with rubber shovel and collect for disposal for large spills dike and pump into appropriate containers. Soak up with inert absorbent material (e.g. sand, silica gel, acid binder, universal binder, sawdust). Contain spillage, soak up with non- combustible



MATERIAL SAFETY DATA SHEET

WAC CLEANER H

Revision date: 20.03.2024

Page 4 of 8

	absorbent material, (e.g. sand, earth, diatomaceous earth, vermiculite) and transfer to a container for disposal according to local / national regulations.
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SECTION 7: Handling and storage

Handling:	Avoid inhalation of vapour or mist. Avoid contact with skin and eyes. Wash hands and other exposed areas with mild soap and water before eating, drinking or smoking and when leaving work. Provide good ventilation in process area to prevent formation of vapours. Do not breathe vapours.
Storage:	Store in cool place. Keep container tightly closed in a dry and well-ventilated place. Containers which are opened must be carefully resealed and kept upright to prevent leakage. Keep away from children.

SECTION 8: Exposure controls/personal protection

Engineering measures:	Handle in accordance with good industrial hygiene and safety practice. Wash hands before breaks and at the end of workday. Use only where access to clean running water is available.	
Personal protective equipment:	Respiratory	-
	Face	-
	Eyes	Safety eyewear
	Hands	Wear protective gloves
	Skin/body	Wear protective clothing



MATERIAL SAFETY DATA SHEET

WAC CLEANER H

Revision date: 20.03.2024

Page 5 of 8

SECTION 9: Physical and chemical properties

<u>Physical state</u>	
Form	Liquid
Colour	Yellow
Odour	-
pH	11-12
Solubility	Fully miscible in water
Wetting	-
Emulsification	-
Free rinsing	Yes
Gravity	1.03 g/cm ³

SECTION 10: Stability and reactivity

Stability:	Stable under normal storage conditions.	
Reactivity	Materials to avoid:	Strong acids, organic materials, powdered metals, amines, reacts violently with ammonium salts, aziridine, methanol, and phenylacetonitrile, sometimes resulting in explosions. Reacts with primary aliphatic or aromatic amines to form explosively unstable n- chloroamines. Reaction with formic acid becomes explosive at 55°C.
	Hazardous Decomposition products:	Not known.



MATERIAL SAFETY DATA SHEET

WAC CLEANER H

Revision date: 20.03.2024

Page 6 of 8

SECTION 11: Toxicological information

Acute toxicity	<p><u>Sodium Lauryl Ether Sulphate</u> LD 50 Oral – rat > 2000 mg/kg</p> <p><u>Sodium Metasilicate Pentahydrate</u> LD50 Oral - rat - 847 mg/kg</p>
Carcinogenicity	No data available.
Potential health effects	<p><u>Sodium Lauryl Ether Sulphate</u> May produce significant skin irritation after prolonged use. May cause severe, possibly permanent eye damage.</p> <p><u>Sodium Metasilicate Pentahydrate</u> May be harmful if inhaled. Material is extremely destructive to the tissue of the mucous membranes and upper respiratory tract. Causes respiratory tract irritation. Harmful if swallowed. Causes burns. May be harmful if absorbed through skin.</p>

SECTION 12: Ecological information

Toxicity:	Algae	<p><u>Sodium Perborate</u> IC50 - Desmodesmus subspicatus (green algae) - 26,8 mg/l - 96 h</p>
Biodegradability:		<p><u>Sodium Lauryl Ether Sulphate</u> Readily biodegradable.</p>
Bio accumulative Potential		No data available.



MATERIAL SAFETY DATA SHEET

WAC CLEANER H

Revision date: 20.03.2024

Page 7 of 8

SECTION 13: Disposal considerations

Product waste disposal recommendation	Avoid release to the environment. Collect in appropriate containers and dispose of in accordance with local regulations.
Contaminated packaging	Avoid release to the environment. Dispose of in accordance with local regulations.

SECTION 14: Transport information

UN number:	UN 1760
Packaging group:	Not applicable
Marine pollutant:	No
Rail/road (RID/ADR):	No additional information available
Sea (IMO/IMDG):	No additional information available
Air (ICAO/IATA):	No additional information available

SECTION 15: Regulatory information

EEC regulations:	Xi – Irritant	
R-Phrases:	R38 -	Irritating to the skin.
	R37 -	Irritating to the respiratory system.
	R41 -	Risk of serious damage to the eyes.
S-Phrases:	S2 -	Keep out of reach of children.
	S23 -	Do not breath gas/fumes/vapour/mist
	S25 -	Avoid contact with eyes
	S26 -	In case of contact with eyes, rinse immediately with plenty of water and seek medical advice.
	S27 -	Take off all contaminated clothing



MATERIAL SAFETY DATA SHEET

WAC CLEANER H

Revision date: 20.03.2024

Page 8 of 8

		immediately.
	S28 -	After contact with skin, wash immediately with plenty of soap and water.
	S46 -	If swallowed, seek medical advice immediately and show this container or label.
	S50 -	Do not mix with acids.
	S57 -	Use proper containment to prevent environmental contamination.

SECTION 16: Other information

The attention of the user is drawn to the possible risks incurred by using the product for any other purpose other than that for which it was intended.

The classification was effectuated according to information derived from technical literature and supplier companies.

Information included in this document is based on our present state of knowledge; however, they do not assure the product properties and do not assume any legal condition.

The material safety data sheet completes the product information without replacing it.