



MATERIAL SAFETY DATA SHEET

MULTI H

Revision date: 20.03.2024

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SECTION 1: Product and Company Identification

Product Identifier:

Name: MULTI H

Mark: SABS 1828:2017

Permit No: 9483/15033

Original registration: 20/07/2011

Product Description:

Neutral general purpose solvent degreaser.

Trade Name:

Multi H

Chemical Family:

Surfactant

Chemical Name:

Formulated product

Details of the Supplier:

Prime Cleaning Suppliers (Pty) Ltd.

1 Mints Street

Old Mint Park

Louvlardia, 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

2.1 Classification of the substance or mixture

Hazard Ingredients:

Sodium Metasilicate Pentahydrate.
Sodium Lauryl Ether Sulphate.
Dodecylbenzene Sulfonic Acid.

Adverse human health effects:

XI Irritant

2.2 Label elements




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Signal word:	Caution
Pictograms:	
Hazard statements:	Causes eye irritation.
Precautionary statements:	Keep out of reach of children.
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	6834-92-0	>5%
Dodecylbenzene Sulfonic Acid	121-65-3	>2%
Alcohol Ethoxylate	68551-13-3	>2%
Sodium Nitrite	632-00-0	<0.5%

SECTION 4: First aid measures

Inhalation:	Ensure good ventilation in the area where product is used. If throat irritation occurs, remove person to fresh air and seek medical advice if symptoms persist. Consult a doctor.
Eye contact:	Flush eyes with clean water for at least 15 minutes and consult a doctor as soon as possible.
Skin contact:	Prolonged exposure may cause irritation. 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



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anything by mouth to an unconscious 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



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	<p>spillage, soak up with non- combustible absorbent material, (e.g. sand, earth, diatomaceous earth, vermiculite) and transfer to a container for disposal according to local / national regulations.</p>
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SECTION 7: Handling and storage

<p>Handling:</p>	<p>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.</p>
<p>Storage:</p>	<p>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.</p>

SECTION 8: Exposure controls/personal protection

<p>Engineering measures:</p>	<p>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.</p>	
<p>Personal protective equipment:</p>	Respiratory	-
	Face	-
	Eyes	Safety eyewear
	Hands	-
	Skin/body	-



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SECTION 9: Physical and chemical properties

<u>Physical state</u>	
Form	Liquid
Colour	Green
Odour	-
pH	6.0- 9.0
Solubility	Fully miscible in water
Wetting	-
Emulsification	-
Free rinsing	-
Gravity	1.03 g/cm ³

SECTION 10: Stability and reactivity

Stability:	Stable under normal storage conditions.	
Reactivity	Materials to avoid:	Also avoid strong oxidising agents and organic materials.
	Hazardous Decomposition products:	Not known.

SECTION 11: Toxicological information

Acute toxicity	<u>Sodium Lauryl Ether Sulphate</u> LD 50 Oral – rat > 2000 mg/kg
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	<p><u>Sodium Metasilicate Pentahydrate</u> LD50 Oral - rat - 847 mg/kg</p> <p><u>Sodium Nitrite</u> LD50 Oral - rat - 157,9 mg/kg LD50 Oral - mouse - 175 mg/kg</p>
Carcinogenicity	No data available.
Potential health effects	No data available.

SECTION 12: Ecological information

Toxicity:	Fish	<p><u>Sodium Nitrite</u> flow-through test LC50 - Oncorhynchus mykiss (rainbow trout) - 0,94 - 1,92 mg/l - 96,0 h mortality NOEC - Oncorhynchus mykiss (rainbow trout) - 0,54 mg/l -96,0 h</p>
	Daphnia	<p><u>Sodium Nitrite</u> C50 - Daphnia magna (Water flea)- 12,5 mg/l – 48</p> <p><u>Alcohol Ethoxylate</u> EC50- 0.47 mg/l - 48 h</p>
	Algae	No data available.
Biodegradability:	<p><u>Alcohol Ethoxylate</u> >60% biodegradability</p> <p><u>Sodium Lauryl Ether Sulphate</u> Readily biodegradable</p>	
	Bio accumulative Potential	Not expected to bio accumulate



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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. OR Burn in a chemical incinerator equipped with an afterburner and scrubber but exert extra care in igniting as this material is highly flammable. Offer surplus and non-recyclable solutions to a licensed disposal company.
Contaminated packaging	Avoid release to the environment. Dispose of in accordance with local regulations.

SECTION 14: Transport information

UN number:	No regulations for transport
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:	R36/38 -	Irritating to the eyes and skin.
S-Phrases:	S2 -	Keep out of reach of children.
	S23 -	Do not breath gas/fumes/vapour/mist
	S25 -	Avoid contact with eyes



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	S26 -	In case of contact with eyes, rinse immediately with plenty of water and seek medical advice.
	S46 -	If swallowed, seek medical advice immediately and show this container or label.
	S57 -	Use proper containment to prevent environmental contamination.
	S61 -	Avoid release into the environment.

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.