

SAFETY DATA SHEET

PRODUCT NAME: Swift HD

1. PRODUCT AND COMPANY IDENTIFICATION	
Product Name	Swift HD
Product Description/ Use	Concentrated Biodegradable Water-Based Cleaner
Manufacturer/ Supplier	Hychem (Pty) Ltd
Physical address	11/13 Silverstone Crescent Kyalami Business Park Midrand
Postal Address	PO Box 5742; Rivonia; 2128
Contact Details	Emergency: 011-466 1885

2. HAZARDS IDENTIFICATION
Classification of the product:
Skin Corrosion/Irritation (Category 3): Causes mild skin irritation
Label Elements:
<u>Pictograms:</u> N/A
Signal Words: Warning
Hazard Statements: H316 Causes mild skin irritation H320 Causes eye irritation
Precautionary Statements: P332+ P313 IF SKIN irritation occurs: Get medical advice/attention. P264 Wash hands and skin thoroughly after handling. 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.

3. COMPOSITION/ INFORMATION ON INGREDIENTS		
Component	CAS Number	Weight %
Sodium Metasilicate	6834-92-0	<10%
Tetrapotassium Pyrophospahte	7320-34-5	<10%
Surfactant Blend	N/A	<20%
Non-hazardous components to make up to 100% Exact percentages withheld as a trade secret		

4. FIRST AID MEASURES	
Inhalation	No adverse effects expected. Remove from exposure in extreme cases.
Skin contact	May cause irritation in concentrate. In cases of irritation discontinue use and seek medical advice.

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Eye contact	Immediately wash affected eyes for at least 15 minutes under running water with eyelids held open, seek medical attention if irritation persists.
Ingestion	Immediately rinse mouth and then drink 200-300 ml of water, seek medical attention.
Note to physician	Treat according to symptoms no known specific antidote.

5. FIRE-FIGHTING MEASURE	
Extinguishing media	Product is no flammable use extinguishing media as appropriate for fire source.
Specific Hazards arising from substance or mixture	Not known
Advice for Fire Fighters	Protective equipment for fire-fighting: Wear a self-contained breathing apparatus.
Further Information	Product is not considered flammable. The degree of risk is governed by the burning substance and the fire conditions. Contaminated extinguishing water must be disposed of in accordance with official regulations.

6. ACCIDENTAL RELEASE MEASURES	
Personal precautions, protective equipment and emergency procedures	Use personal protective clothing. Information regarding personal protective measures see, section 8.
Environmental precautions	Contain contaminated water/firefighting water. Do not discharge into drains/surface waters/groundwater.
Methods for cleaning up recovery	Small spills: Take up with sand or other non-combustible absorbent material and place into containers for later disposal. Large spills: Dike far ahead of liquid spill for later disposal. Do not flush to sewer or waterways. Prevent release to the environment if possible.
Neutralisation and disposal of spillage	Weak acidic/vinegar solution.

7. HANDLING AND STORAGE	
Observe the usual precautionary measures for handling and storing chemicals	
Handling	Do not get in eyes or on clothing. Keep container closed. Use good personal hygiene practices. Wash hands before eating, drinking, smoking. Remove contaminated clothing and clean before re-use.

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Storage	<p>Store in tightly closed containers in cool, dry, well-ventilated area away from incompatibles. Store at ambient or lower temperature. Store out of direct sunlight. Keep containers tightly closed and upright when not in use. Protect against physical damage.</p> <p>Empty containers may contain toxic, flammable and explosive residue or vapours. Do not cut, grind, drill, or weld on or near containers unless precautions are taken against these hazards.</p>
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8. EXPOSURE CONTROLS/ PERSONAL PROTECTION

Exposure Limits: This product does not contain any hazardous materials with occupational exposure limits established by the region specific regulatory bodies.

Personal Protective Equipment: Wear protective clothing as necessary to minimize contact. Handle in accordance with good industrial hygiene and safety practice. Wash soiled clothing immediately.

Respiratory protection:

Not required under normal operating procedures.

Hand protection:

None required, Chemical resistant protective gloves may be worn as desired.

Eye protection:

Tightly fitting safety goggles (chemical goggles).

Body protection:

Body protection must be chosen depending on activity and possible exposure, e.g. apron, protecting Boots.

9. PHYSICAL AND CHEMICAL PROPERTIES

Form	Liquid
Colour	Blue/Green
Odour	Not applicable
PH Value	14.0
Boiling point/ boiling range (°c)	Not applicable
Flash point (°c)	Not applicable
Solubility	Soluble in water
Viscosity at 20°c	Not applicable
Specific gravity at 20°c	1.05+-0.02

10. Stability and reactivity

Stability and possible hazardous reactions	No hazardous reactions if stored and handled as prescribed/indicated.
Conditions/ materials to avoid	Strong acids, oxidising agents.

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Hazardous decomposition	No decomposition if used and stored in accordance with provisions for use.
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11. Toxicological information

*LD 50 test on animals available on certain raw materials in product on request

Acute Effects	<p>Eye Contact: May cause eye irritation</p> <p>Skin Contact: May cause skin irritation</p> <p>Inhalation: Unlikely to be exposure route due to nature of the product.</p> <p>Ingestion: May be irritating to mouth, throat and stomach. Symptoms may include stomach pain and nausea.</p>
Chronic Effects	Not known

12. Ecological information

Toxicity	Product is not expected to prove toxic.
Persistence/ Biodegradability	Product is expected to readily biodegrade based on raw material data.
Mobility in Soil	Product is expected to be mobile due to water solubility.
Additional Information	N/A

13. Disposal considerations

Disposal of chemical product	Do not discharge into drains/surface waters/groundwater. Dispose of in accordance with local authority regulations.
Disposal of contaminated packaging	Dispose of in a licensed facility. Recommend crushing, puncturing or other means to prevent unauthorised use of used containers.

14. Transport regulations

Not classified as hazardous for transport

15. REGULATORY INFORMATION

Labeling accordance with SANS 10234 latest revision.	OHS Act, 1993(Act No. 85 of 1993). Hazardous Substance Regulation of 1995
Hazard Statements	H316 Causes mild skin irritation H320 Causes eye irritation
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16. ADDITIONAL INFORMATION (E.G. SPECIAL TRAINING OR RESTRICTIONS ON THE PRODUCTS USE)

Refer to product data sheet for product use directions

The information contained herein is accurate to the best of our knowledge. Hychem (Pty) Ltd makes no warranty of any kind, express or implied, concerning the safe use of this material in your process or in combination with other substances.