

1. PRODUCT AND COMPANY IDENTIFICATION	
Product Name	Swift HD
Product Description / Use	Concentrated Biodegradable Water-Based Cleaner
Manufacturer/ Supplier	Hychem (Pty) Ltd
Physical address	152 15th Road, Randjesfontein, 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
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.
Label Elements:	NA
Pictograms	NA
NA	
3. COMPOSITION/ INFORMATION ON INGREDIENTS	
Component CAS Number Weight	Sodium Metasilicate 6834-92-0 <10%
	Tetrapotassium Pyrophosphate 7320-34-5 <10%
	Surfactant Blend N/A <20%
Remainder of the formulation is made up from non-hazardous materials and retained as a trade secret.	
4. FIRST AID MEASURES	
Inhalation	Keep patient calm, remove to fresh air, seek medical attention.
Skin Contact	Immediately wash thoroughly with plenty of water, apply sterile dressings, consult a skin specialist.
Eye Contact	Immediately wash affected eyes for at least 15 minutes under running water with eyelids held open, consult an eye specialist.
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 non flammable use extinguishing media as appropriate for fire source.
Specific Hazards arising from substance or mixture	NA
Advice for Fire Fighters	Protective equipment for firefighting: Wear a self-contained breathing apparatus.

Further Information	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, on skin or on clothing. Do not breathe vapours or mists. Keep container closed. Use only with adequate ventilation. Use good personal hygiene practices. Wash hands before eating, drinking, smoking. Remove contaminated clothing and clean before re-use. Keep away from heat and flame. Keep operating temperatures below ignition temperatures at all times. Use non-sparking tools.
Storage	Store in tightly closed containers in cool, dry, well ventilated area away from heat, sources of ignition and incompatibles. Ground lines and equipment used during transfer to reduce the possibility of static spark-initiated fire or explosion. 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. 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.
8. EXPOSURE CONTROLS/ PERSONAL PROTECTION	
Exposure Limits:	
Component Permissible Limit Basis	
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	Wear respiratory protection if ventilation is inadequate. Respiratory protection in case of vapour/aerosol release.
Hand protection	Chemical resistant protective gloves.
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, chemical-protection suit.
9. PHYSICAL AND CHEMICAL PROPERTIES	

Form	Liquid
Colour	Blue / Green
Odour	NA
PH Value	14.0
Boiling point/ boiling range (°c)	NA
Flash point (°c)	NA
Solubility	Solubler In Water
Viscosity at 20°c	NA
Specific gravity at 20°c	1.05+-0.02
Free Alkalinity	NA
Total Acid	NA
10. STABILITY AND REACTIVITY	
Stability and possible hazardous reactions	No hazardous reactions if stored and handled as prescribed/indicated.
Conditions/ materials to avoid	None known
Hazardous decomposition	No decomposition if used and stored in accordance with provisions for use.
11. TOXICOLOGICAL INFORMATION	
Acute Effects	Eye Contact: May cause eye irritation Skin Contact: May cause skin irritation Inhalation: Unlikely to be exposure route due to nature of the product. Ingestion: May be irritating to mouth, throat and stomach. Symptoms may include stomach pain and nausea
Chronic Effects	Sensitisation may occur with continued use leading to skin irritation.
12. ECOLOGICAL INFORMATION	
Toxicity	Product is not expected to prove toxic.
Persistence/ Biodegradability	Not applicable due to inorganic makeup of product.
Mobility in Soil	Product is expected to be mobile due to water solubility.
Additional Information	N/A
13. DISPOSABLE 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	
Proper Shipping Name	
UN Number	
Hazard Class	
Packaging Group	
Labels Required	
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
Precautionary Statements	P332+ P313 IF SKIN irritation occurs: Get medical advice/attention. P264 Wash hands and skin thoroughly after handling.

16. ADDITIONAL INFORMATION (E.G. SPECIAL TRAINING OR RESTRICTIONS ON THE PRODUCTS USE)

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