



24 Strang Street, Sidwell, Port Elizabeth, 6001
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MATERIAL SAFETY DATA SHEET (16 POINT MSDS)

Disclaimer and important safety notice

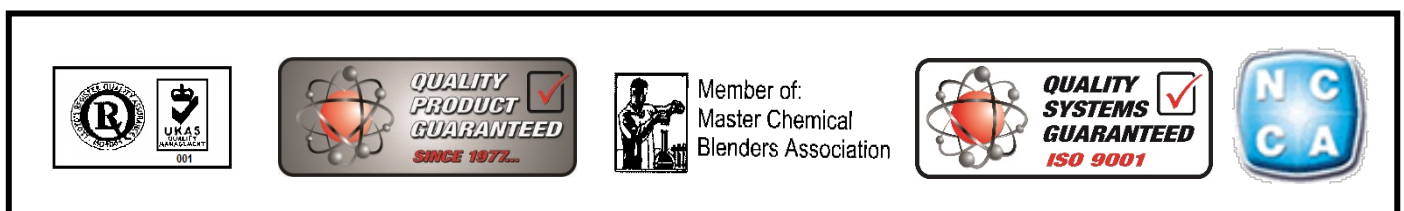
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Date of issue: N/a	Revised date: Sep 2020	Revision : 4 / 2020
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Supplier identification and information

Supplier name	Brightroot PTY LTD t/a Acutrade		
Address of supplier	24 Strang Street, Sidwell Port Elizabeth, 6001		
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Supplier quality systems



AN ISO 9001 SYSTEMS CERTIFIED COMPANY

1. Product identification

Product name	Alkasolve C (FG)	Code	
Chemical /technical nature Application type	High alkaline, heavy duty, concentrated, high-foaming hard surface degreaser. CAUTION : Contains Sodium Hydroxide , avoid contact with aluminium		
Additional Certification	SANS 1828 / 2016 (FOOD GRADE) – INTERTEK EUROPE		
Compliance	HACCP / ISO 22000 SYSTEMS		

2. Composition /information on ingredients

Ingredients contributing to hazard	Cas no	Content %	Risk Phrase	Safety Phrase
Secondary Alcohol Ethoxylate	84133-50-6	< 5	R36	S46
Ethylene Glycol Mono Butyl Ether	111-76-2	< 8	R36	S46
Sodium Hydroxide	1310-73-2	< 20	R25 / R41	S46
Sodium Laureth Sulphate	68585-34-2	> 10	R36	S46

For detailed risk and safety phrases see .15 of this msds. Please note data are typical of the product and not a specification or a full composition. The risk profile may change if this product is mixed with other compounds or as a blend within other components.

Revision of hazardous components based on SABS 0265:1999.

3. Hazard identification

Primary Safety Hazard	Degreaser, will dry, burn & irritate skin.
Secondary Safety Hazard	Corrosive, will burn and cause severe discomfort / damage to eye.
Additional info	Irritating to respiratory system.

4. First aid measures

Inhalation	Fresh air.
Skin contact	Remove contaminated clothing, rinse with water, & or wash with soap. Apply cream to dry skin if required.
Eye contact	Rinse with water, keep eye lids open. If discomfort does not subside within 30 minutes seek further medical attention if required.
Ingestion	Do not induce vomiting, keep person calm & seek medical attention.

General notes to the physician and / or medical officer

Never give anything by mouth or induce vomiting to an unconscious person. Treatment of exposure should be directed at the control of the symptoms and the clinical condition of the patient. Depending on the risk profile of the product and the patient the symptoms may re-occur and/or change over time. In that event have the patient consult a physician again.

5. Fire-fighting measures

Extinguishing media	Dry powder, CO2, Water.
Specific hazards	None known or reported, water based compound.

6. Accidental release measures

Clean up method	Dry sand. Discharge in accordance with local regulations. FOR SMALL LIQUID SPILLS (< 1 drum), transfer by mechanical means to a labelled, sealable container for product recovery or safe disposal. Allow residues to evaporate or soak up with an appropriate absorbent material and dispose of safely. Remove contaminated soil and dispose of safely. FOR LARGE LIQUID SPILLS (> 1 drum), transfer by mechanical means such as vacuum truck to a salvage tank for recovery or safe disposal. Do not flush away residues with water. Retain as contaminated waste. Allow residues to evaporate or soak up with an appropriate absorbent material; and dispose of safely. Remove contaminated soil and dispose of safely.
Environmental precaution	Do not discharge large volume into sewers

7. Handling and storage

Handling	Normal handling, no special measures required.
Storage	Cool storage, well ventilated, avoid high temperature and direct sunlight. Keep away from naked flame. Do not mix with acids. Store on pallets avoiding direct contact with cold cement floor.

8. Exposure controls / personal protection

Engineering measures	No specific or special measures required. Access to fresh running water in case of skin and / or eye contact.
Personal protective equipment	Goggles, gloves & respiratory protection.

9. Stability and reactivity

Stability	Stable under normal cool conditions.
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Hazardous decomposition products	None known.
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10. Physical and chemical properties

Appearance	Non-viscous liquid
Color	Clear – amber
Odor / Smell	Ethylene solvent
Other characteristics	N/a
PH as supplied	> 12 / Alkaline Range
PH @ 1% v/water	11 – 12 / Alkaline Range
Boiling Point rage / Degrees C	> 100
Melting Point Range / Degrees C	N/a
Viscosity @ 25 Degrees / CPS	7.0 (LVT Spindle 1 Speed 30)
Flashpoint / Degrees C	N/a
Auto Ignition Temp / Degrees C	N/a
Explosion limits in air %	Not tested
Vapor pressure @ 20 Degrees C	Not tested
Specific Gravity - (SG)	1.050 - 1.150
Soluble in water	Yes
Soluble in other	N/a

Other data / comments	Extreme cold may cause crystallizing
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These data are typical for the product and not a specification
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11. Toxicological information / health effects

Inhalation	May cause sensitization to nose and throat.
Skin contact	Corrosive: red, burning sensation, skin damage, irritation and/or dryness.
Eye contact	Corrosive: possible long term damage, red eye, irritation, itchy, discomfort, pain.
Ingestion	Severe discomfort and pain including stomach cramping. Burning of throat and the intestinal tract. Large amounts may lead to irreparable damage.

Specific effects	Corrosive to skin, eye and irritant to respiratory system, seek medical attention should symptoms not subside or worsen. Do not leave un-attended.
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12. Ecological information

Biodegradability	Contains readily biodegradable ingredients. This product can be successfully bio-remediated.
Eco toxicity	Spills and leaks must be confined and leakage into the environment avoided. Care should be taken in sensitive environmental eco systems. This substance will increase alkalinity levels. The increase in ph levels could lead to various water balance problems, and will result in the disturbance within the aquatic environment. PH levels must be monitored on a regular basis when a leak occurs. The use of soft acid substance such as citric acids will assist in recovering the correct balance. The sudden and or continuous leaking of this substance into an aquatic environment will be harmful.
Bioaccumulation	Not tested.

13. Disposal consideration

In accordance with local regulations. In the event that disposal of material is conducted by a third party please ensure that the service provider is authorized and reputable. Please contact the manufacturer for additional information if required.

Material Disposal	Recover or recycle if possible. It is the responsibility of the waste generator to determine the toxicity and physical properties of the material generated to determine the proper waste classification and disposal methods in compliance with applicable regulations.
Container Disposal	Drain container thoroughly. After draining, vent in a safe place away from sparks and fire. Refer to Section 7 before handling the product or containers. Residues may cause an explosion hazard if heated above the flash point. Do not puncture, cut or weld unclean drums. Send to drum recoverer or metal reclaimer.
Local Legislation	Disposal should be in accordance with applicable regional, national, and local laws and regulations. Local regulations may be more stringent than regional or national requirements and must be complied with.

14. Transport information / road and rail only

Transport type	UN No	Class	Item
ADR/RID (Road/Rail)	-	8	-

Additional information	Will cause slippery and corrosive spill.
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15. Regulatory information / EEC classification

Warning phrase	Caution	Symbol
R-phrase	Harmful if swallowed Toxic if swallowed Can cause irritation to eye Irritating to skin Risk of serious damage to eye	R22 R25 R36 R38 R41
S-phrase	Keep out of children reach Keep container closed When using do not eat or drink Avoid contact with skin Avoid contact with eyes In case of contact wash eye with water Wear suitable protective clothing If swallowed seek medical advise	S2 S7 S20 S24 S25 S26 S36 S46

Product contains	Sodium Hydroxide
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Additional information	Only trained personal should handle this product.
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16. Other information

General info	Personnel using this product must be trained and advised on the best, safest and most effective means of application.
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