

SPOKE WORKS

Spoke Works cc | 39 Harold Avenue Murrayfield Pretoria | South Africa
Tel: 012 7513058

MATERIAL SAFETY DATA SHEET (16 POINT MSDS)

Disclaimer and important safety notice

All information is provided in good faith and as accurate as possible. Spoke Works cc will not accept any liability pertaining to the use of its products, as it is up to the end user "consumer" to determine the correct and safe use of this product. Kindly study this document prior to using this product or, contact us for additional technical advice. Please ensure that all personal storing, handling and using this product are properly trained and informed with regards to any potential dangers and or hazards pertaining to this product. Please ensure that this document is easily obtainable in the event of an emergency.

Date of issue: Jan 2017	Revised date: Nov 2017	Revision : 3 / 2015
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Supplier identification and information

Manufacturer name	Spoke Works cc		
Address of manufacturing	39 Harold Avenue, Murrayfield , Pretoria, South Africa 0184		
Tel no	012 7513058	Fax no	
Emergency	082 4121689	Technical	0824121689
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1. Product identification

Product name	Smoove Prep	Code	
Chemical /technical nature Application type	Solvent based, low odor, degreaser and multi-functional solvent cleaner. Removal of tenacious grease, grime and tar.		
Additional Certification	N/a.		

2. Composition /information on ingredients

Ingredients contributing to hazard	Content %	Cas number	EC number	Risk Phrase	Safety Phrase	Symbol
C10 – C13 n Paraffin	> 80	64771-72-8	265-233-4	R22 / R65 / R66	S46	Xn

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	Flammable.
Secondary Safety Hazard	Harmful if swallowed.
Additional info	Degreaser, will dry skin.

4. First aid measures

Inhalation	Fresh air.
Skin contact	Remove contaminated clothing, rinse with water, & or wash with soap. Apply cream to dry skin
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.
Advice to Physician	Causes central nervous system depression. Dermatitis may result from prolonged or repeated exposure. Potential for chemical pneumonitis. Consider: gastric lavage with protected airway, administration of activated charcoal.

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 or foam agent.
Specific hazards	May cause floating fire hazard.

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	Caution should be taken. Do not decant or use near open flame or any form of heat.
Storage	Cool storage, well ventilated, avoid high temperature. Keep container sealed and marked at all times. Keep away from naked flame.

8. Exposure controls / personal protection

Engineering measures	Caution ensure good ventilation.
Personal protective equipment	Gloves, eye protection, overall, safety boots & mouth mask.

9. Stability and reactivity

Stability	Stable under normal cool conditions. Avoid prolonged contact with natural butyl or nitrate rubbers.
Hazardous decomposition products	Carbon monoxide released in fire.

10. Physical and chemical properties

Appearance	Non-viscous liquid
Color	Amber – clear
Odor / Smell	Solvent / citrus
Other characteristics	N/a
PH as supplied	N/a
PH @ 1% v/water	N/a
Boiling Point rage / Degrees C	> 90
Melting Point Range / Degrees C	N/a
Viscosity @ 20 Degrees / mPa-s	N/a
Flashpoint / Degrees C	> 70
Auto Ignition Temp / Degrees C	> 60
Explosion limits in air %	Not tested
Vapor pressure @ 20 Degrees C	Not tested
Specific Gravity - (SG)	0.75 – 0.80
Soluble in water	Partial / temporarily
Soluble in other	Most general solvents

Other data / comments	When mixed with cold water the product will form a white emulsion, if left the emulsion will split i.e. water at the bottom and Smoove Prep on-top.
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These data are typical for the product and not a specification

11. Toxicological information / health effects

Inhalation	Shortness of breath with breathing labored.
Skin contact	Can cause irritation to sensitive skin.
Eye contact	Severe burning and red itchy eyes, discomfort and blurred vision.
Ingestion	Intestinal discomfort, upset stomach with discomfort and pain.

Specific effects	Ingestion can cause various toxic side effects. Will cause severe burning to eye.
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12. Ecological information

Biodegradability	Not tested, contains various readily biodegradable compounds. > 80% / 28day Hydrocarbon blend chain, reduces biodegradability properties. Contains no phenols and fully biodegradable surfactants. This product can be successfully bio-remediated.
Ecotoxicity	Toxic to aquatic organisms in large undiluted volumes.
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.
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

UN Number	ADR/RID	AND/ DNR	IMGD	IATA	Class
Not applicable	Not regulated	Not regulated	Not regulated	Not regulated	3

AND / DNR	European provisions concerning the international carriage of dangerous goods by inland waterway
ADR	The European agreement concerning the international carriage of dangerous goods by road
IATA	International air transport association
IMGD	International maritime dangerous goods
RID	The regulation concerning the international carriage of dangerous good by rail

Additional transport information	Transport and freight should be conducted in accordance with the local regulation of the country. Will cause floating fire hazard when spilled.
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15. Regulatory information / EEC classification

Warning phrase	Caution	Symbol
R-phrase	Flammable Harmful if swallowed Toxic if swallowed Can cause irritation to eye Irritating to skin Harmful to aquatic organisms Harmful to lungs if swallowed Repeat exposure may cause skin dryness & cracking	R10 R22 R25 R36 R38 R52 R65 R66
S-phrase	Keep out of children reach Keep in a cool place Keep container closed Keep away from heat When using do not eat or drink When using do not smoke Avoid contact with skin Avoid contact with eyes In case of contact wash eye with water Do not empty into drains Wear suitable protective clothing Wear eye and face protection If swallowed seek medical advise If swallowed seek medical advise	S2 S3 S7 S15 S20 S21 S24 S25 S26 S29 S36 S39 S46 S62

Product contains	Hydrocarbon solvent.
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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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Issued by	R.P DIPPENAAR	Signed	
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