

# Mr Fixit tubeless tyre repair kit Safety Data Sheet According to SANS 10234:2008 and SANS 11014:2010

Date of issue:03/03/2020 Revision date: 03/03/2022

Version: 1.0

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According to SANS 10234:2008 and SANS 11014:2010

		<ul> <li>P280 - Wear eye protection, protective clothing, protective gloves.</li> <li>P301+P310 - IF SWALLOWED: Immediately call a doctor.</li> <li>P303+P361+P353 - IF ON SKIN (or hair): Take off immediately all contaminated clothing.</li> <li>Rinse skin with water/shower.</li> <li>P304+P340 - IF INHALED: Remove person to fresh air and keep comfortable for breathing.</li> <li>P312 - Call a doctor if you feel unwell.</li> <li>P331 - Do NOT induce vomiting.</li> <li>P370+P378 - In case of fire: Use carbon dioxide (CO2), extinguishing powder, foam to extinguish.</li> <li>P391 - Collect spillage.</li> <li>P403+P233 - Store in a well-ventilated place. Keep container tightly closed.</li> <li>P403+P235 - Store in a well-ventilated place. Keep cool.</li> <li>P405 - Store locked up.</li> <li>P501 - Dispose of contents and container to an approved waste disposal plant.</li> </ul>
2.3.	Other hazards	
Advorco	physicochomical human health and	Highly flammable liquid and vanour May cause drowsingss or dizzingss May be fatal if

Adverse physicochemical, human health and environmental effects

: Highly flammable liquid and vapour, May cause drowsiness or dizziness, May be fatal if swallowed and enters airways, Toxic to aquatic life with long lasting effects.

## 3.1. Substances Not applicable

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3.2. Mixtures			
Name	Product identifier	%	Classification according to the United Nations GHS
n-pentane	(CAS-No.) 109-66-0	70.0 - 90.0	Flam. Liq. 2, H225 Acute Tox. 5 (Oral), H303 STOT SE 3, H336 Asp. Tox. 1, H304 Aquatic Acute 2, H401 Aquatic Chronic 2, H411
Natural rubber		20.0 - 40.0	Skin Irrit. 2, H315 Eye Irrit. 2A, H319 Resp. Sens. 1, H334 Skin Sens. 1, H317 STOT SE 3, H335

### Full text of H-statements: see section 16

SECTION 4: First aid measures	
4.1. Description of first aid measures	
First-aid measures general	: Call a physician immediately.
First-aid measures after inhalation	: Remove person to fresh air and keep comfortable for breathing.
First-aid measures after skin contact	: Rinse skin with water/shower. Take off immediately all contaminated clothing.
First-aid measures after eye contact	: Rinse eyes with water as a precaution.
First-aid measures after ingestion	: Do not induce vomiting. Call a physician immediately.
4.2. Most important symptoms and effect	cts, both acute and delayed
Symptoms/effects	: May cause drowsiness or dizziness.
Symptoms/effects after ingestion	: Risk of lung oedema.
4.3. Indication of any immediate medica	I attention and special treatment needed
Treat symptomatically.	
SECTION 5: Firefighting measures	
5.1. Extinguishing media	
Suitable extinguishing media	: Water spray. Dry powder. Foam. Carbon dioxide.
5.2. Special hazards arising from the su	bstance or mixture
Fire hazard	: Highly flammable liquid and vapour.
5.3. Advice for firefighters	
Protection during firefighting	: Do not attempt to take action without suitable protective equipment. Self-contained breathing apparatus. Complete protective clothing.
<b>SECTION 6: Accidental release mea</b>	sures
6.1. Personal precautions, protective eq	uipment and emergency procedures
No additional information available	
6.1.1. For non-emergency personnel	
Emergency procedures	: Ventilate spillage area. No open flames, no sparks, and no smoking. Avoid breathing vapours.

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According to SANS 10234:2008 and SANS 11014:2010

According to SANS 10234:2008 and SANS 11014:2010	
6.1.2. For emergency responders	
Protective equipment	: Do not attempt to take action without suitable protective equipment. For further information refer to section 8: "Exposure controls/personal protection".
6.2. Environmental precautions	
Avoid release to the environment.	
6.3. Methods and material for containing	nent and cleaning up
For containment	: Collect spillage.
Methods for cleaning up	: Take up liquid spill into absorbent material. Notify authorities if product enters sewers or public waters.
Other information	: Dispose of materials or solid residues at an authorized site.
SECTION 7: Handling and storage	
7.1. Precautions for safe handling	
Precautions for safe handling	: Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking. Ground/bond container and receiving equipment. Use only non-sparking tools. Take precautionary measures against static discharge. Flammable vapours may accumulate in the container. Use explosion-proof equipment. Wear personal protective equipment. Use only outdoors or in a well-ventilated area. Avoid breathing vapours.
Hygiene measures	: Do not eat, drink or smoke when using this product. Always wash hands after handling the product.
7.2. Conditions for safe storage, include	ling any incompatibilities
Technical measures	: Ground/bond container and receiving equipment.
Storage conditions	: Store in a well-ventilated place. Keep cool. Keep container tightly closed. Store locked up.
SECTION 8: Exposure controls/per	sonal protection
8.1. Control parameters	
No additional information available	
8.2. Appropriate engineering controls	
Appropriate engineering controls	: Ensure good ventilation of the work station.
Environmental exposure controls	: Avoid release to the environment.
	ich as personal protective equipment (PPE)
•	
Hand protection	: Protective gloves
Eye protection	: Safety glasses
Skin and body protection	: Wear suitable protective clothing
Respiratory protection	: In case of insufficient ventilation, wear suitable respiratory equipment
8.4. Exposure limit values for the other	r components
No additional information available	
<b>SECTION 9: Physical and chemical</b>	properties
9.1. Information on basic physical and	chemical properties
Physical state	: Liquid
Appearance	: No data available
Colour	: No data available
Odour	: No data available
Odour threshold	: No data available
pH	: No data available
pH solution	: No data available
Relative evaporation rate (butylacetate=1)	: No data available
Relative evaporation rate (ether=1)	: No data available
Melting point	: Not applicable
Freezing point	: No data available
Boiling point	: No data available
Flash point	: No data available
Auto-ignition temperature	: No data available
Decomposition temperature	: No data available
Flammability (solid, gas)	: Not applicable
Vapour pressure	: No data available

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According to SANS 10234:2008 and SANS 11014:2010

Vapour pressure at 50 °C	: No data available
Relative vapour density at 20 °C	: No data available
Relative density	: No data available
Relative density of saturated gas/air mixture	: No data available
Density	: No data available
Relative gas density	: No data available
Solubility	: No data available
Log Pow	: No data available
Log Kow	: No data available
Viscosity, kinematic	: No data available
Viscosity, dynamic	: No data available
Explosive properties	: No data available
Oxidising properties	: No data available
Explosive limits	: No data available
Lower explosive limit (LEL)	: No data available
Upper explosive limit (UEL)	: No data available

#### Other information 9.2.

No additional information available

SECTION 10: Stability and reactivity
10.1. Reactivity
Highly flammable liquid and vapour.
10.2. Chemical stability
Stable under normal conditions.
10.3. Possibility of hazardous reactions
No dangerous reactions known under normal conditions of use.
10.4. Conditions to avoid
Avoid contact with hot surfaces. Heat. No flames, no sparks. Eliminate all sources of ignition.
10.5. Incompatible materials
No additional information available
10.6. Hazardous decomposition products
Under normal conditions of storage and use, hazardous decomposition products should not be produced.
SECTION 11: Toxicological information
11.1. Information on toxicological effects
Acute toxicity (oral) : Not classified.
Acute toxicity (dermal) : Not classified
Acute toxicity (inhalation) : Not classified

n-pentane (109-66-0)	
LD50 oral rat	> 2000 mg/kg (OECD 401: Acute Oral Toxicity, Rat, Male / female, Experimental value, Oral, 14 day(s))
LC50 inhalation rat (mg/l)	> 20 mg/l air (4 h, Rat, Male / female, Experimental value, Inhalation (vapours))
Skin corrosion/irritation	: Not classified.
Serious eye damage/irritation	: Not classified.
Respiratory or skin sensitisation	: Not classified. Not classified.
Germ cell mutagenicity	: Not classified
Carcinogenicity	: Not classified
Reproductive toxicity	: Not classified
STOT-single exposure	: May cause drowsiness or dizziness.
STOT-repeated exposure	: Not classified
Aspiration hazard	: May be fatal if swallowed and enters airways.

SECTION 12: Ecological i	nformation	
12.1. Toxicity		
Ecology - general	: Toxic to aquatic life with long lasting effects.	
04/03/2020	EN (English)	4/6

ccording to SANS 10234:2008 and SANS 11014:2010		
lazardous to the aquatic environment, short- erm (acute)	: Not classified.	
lazardous to the aquatic environment, long- erm (chronic)	: Toxic to aquatic life with long lasting e	ffects.
n-pentane (109-66-0)		
LC50 fish 1	4.26 mg/l (Equivalent or similar to OEC Fresh water, Experimental value, GLP	CD 203, 96 h, Oncorhynchus mykiss, Static system, )
EC50 Daphnia 1	2.7 mg/l (Other, 48 h, Daphnia magna	, Static system, Fresh water, Experimental value)
ErC50 (algae)	10.7 mg/l (OECD 201: Alga, Growth In Fresh water, Experimental value, GLP	hibition Test, 72 h, Scenedesmus sp., Static system, )
BCF fish 1	171 (Pimephales promelas, QSAR)	
Log Pow	3.45 (Experimental value, Other, 25 °C	2)
Log Koc	2.9 (log Koc, QSAR)	
2.2. Persistence and degradability		
Mr Fixit tubeless tyre repair kit		
Persistence and degradability	No additional information available	
n-pentane (109-66-0)		
Persistence and degradability	Readily biodegradable in water.	
2.3. Bioaccumulative potential		
Mr Fixit tubeless tyre repair kit		
Bioaccumulative potential	No additional information available	
n-pentane (109-66-0)	- 1	
BCF fish 1	See section 12.1 on ecotoxicology	
Log Pow	See section 12.1 on ecotoxicology	
Log Koc	See section 12.1 on ecotoxicology	
Bioaccumulative potential	Low potential for bioaccumulation (Log	g Kow < 4).
2.4. Mobility in soil		
Mr Fixit tubeless tyre repair kit Mobility in soil	No additional information available	
n-pentane (109-66-0)		
Surface tension	0.013 N/m (20 °C)	
Log Pow	See section 12.1 on ecotoxicology	
Log Koc	See section 12.1 on ecotoxicology	
Ecology - soil 2.5. Other adverse effects	Low potential for adsorption in soil.	
	· Not classified	
vzone other adverse effects	: Not classified : No additional information available	
ECTION 13: Disposal consideration	ns	
3.1. Disposal methods		
Vaste treatment methods	: Dispose of contents/container in accordance with licensed collector's sorting instructions.	
dditional information	: Flammable vapours may accumulate i	
SECTION 14: Transport information		
n accordance with SANS / IMDG / IATA		
SANS	IMDG	ΙΑΤΑ
4.1. UN number		
Not regulated for transport		
I4.2.         Proper Shipping Name           Not applicable         Image: Comparison of the second sec		Net an elizable
AND ADDICADIE	Not applicable	Not applicable

14.2. Proper Shipping Name		
Not applicable	Not applicable	Not applicable
14.3. Transport hazard class(es)		
Not applicable	Not applicable	Not applicable
	Not applicable	Not applicable

## Safety Data Sheet

According to SANS 10234:2008 and SANS 11014:2010

SANS	IMDG	ΙΑΤΑ	
14.4. Packing group			
Not applicable	Not applicable	Not applicable	
14.5. Environmental hazards			
Dangerous for the environment : Yes	Dangerous for the environment : No	Dangerous for the environment : No	
	:		
	No supplementary information available	)	

### 14.6. Special precautions for user

### - SANS

No data available

### - IMDG

No data available

### - IATA

No data available

14.7. Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code

### Not applicable

## **SECTION 15: Regulatory information**

15.1. Safety, health, and environmental national regulations specific for the product

No additional information available

SECTION 16: Other information		
Date of issue	: 03/03/2020	
Revision date	: 03/03/2022	

Full text of H-statements:

H225	Highly flammable liquid and vapour.
H303	May be harmful if swallowed
H304	May be fatal if swallowed and enters airways.
H315	Causes skin irritation.
H317	May cause an allergic skin reaction.
H319	Causes serious eye irritation.
H334	May cause allergy or asthma symptoms or breathing difficulties if inhaled.
H335	May cause respiratory irritation.
H336	May cause drowsiness or dizziness.
H401	Toxic to aquatic life
H411	Toxic to aquatic life with long lasting effects.

SDS South Africa

This information is based on our current knowledge and is intended to describe the product for the purposes of health, safety and environmental requirements only. It should not therefore be construed as guaranteeing any specific property of the product.