

Safety Data Sheet

Corresponding to Regulation (EC) No 1272/2008 (CLP)

Page 1 of 9

Revision Date of issue: 14.11.17

PRODUCT NAME: TYRE MAGIC

SECTION 1: IDENTIFICATION OF THE SUBSTANCE/MIXTURE AND OF THE COMPANY/UNDERTAKING

1.1. Product identifier

Product Name TYRE MAGIC
Product No. jsi006

1.2. Relevant identified uses of the substance or mixture and uses advised against

Identified uses: Industrial Solvent

1.3. Details of the supplier of the safety data sheet

Supplier Halfords JSI Ltd
P.O. Box 10935
Dublin 11
Tel: +353 (0)1 8569347
Fax: +353 (0)85 7043434

1.4. Emergency Contact: National Poisons Information Centre, Beaumont Hospital,
Beaumont Road, Dublin 9. Tel: +353(01)8092566

SECTION 2: HAZARDS IDENTIFICATION

2.1. Classification of the substance or mixture

Classification: Regulation (EC) No 1272/2008: H226, H304, H315, H319 H336,
Human health: Flammable liquid & vapour. Causes Skin Irritation. Causes Serious Eye Irritation. May cause drowsiness or dizziness. May be fatal if swallowed & enters airways
Environment: This product is not expected to be hazardous to the aquatic environment.

2.2. Label elements

Detergent Labelling: Contains: 2-BUTOXYETHANOL

Labelling



DANGER



WARNING



WARNING

Hazard

Hazard Phrases	H226	Flammable liquid and vapour.
	H304	May be fatal if swallowed and enters airways
	H312	Harmful if in contact with skin
	H315	Causes Skin Irritation
	H319	Causes serious eye irritation
	H336	May cause drowsiness or dizziness

Safety Data Sheet

Corresponding to Regulation (EC) No 1272/2008 (CLP)

Page 2 of 9

Revision Date of issue: 14.11.17

Precautionary

Statements	P210	Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking.
	P261	Avoid breathing mist/vapours/spray.
	P271	Use only outdoors or in a well-ventilated area
	P280	Wear protective gloves / eye protection / face protection.
	P301+P310	IF SWALLOWED: Immediately call a POISON CENTER/ doctor.
	P321	Specific treatment (see on this label)
	P501	Dispose of contents/container in accordance with local / regional / national / international regulations.

Additional information:

EUH066 Repeated exposure may cause skin dryness or cracking.

2.3. Other hazards:

The product does not contain any organic halogen compounds (AOX), nitrates, heavy metal compounds or formaldehydes. ·
Results of PBT and vPvB assessment · PBT: Not applicable. ·
vPvB: Not applicable.

SECTION 3: COMPOSITION/INFORMATION ON INGREDIENTS

3.2. Mixtures

Hydrocarbons, C9 - C11, n alkanes, isoalkanes, cyclics, <2% aromatics. Benzene concentration is <0.1% CAS-No.: 64742-48-9 Reg.nr.: 01-2119463258-33-0002	EC No.: 265-150-3	50-100%
Classification (EC 1272/2008) Flam. Liq. 3, H226 Asp. Tox. 1, H304 STOT SE 3, H336		
2-BUTOXYETHANOL CAS-No.: 111-76-2	EC No.: 203-905-0	10-25%
Classification (EC 1272/2008) Acute Tox. 4 - H302 Acute Tox. 4 - H312 Acute Tox. 4 - H332 Skin Irrit. 2 - H315 Eye Irrit. 2 - H319		

A Full Text for all Hazard Statements are Displayed in Section 16

Safety Data Sheet

Corresponding to Regulation (EC) No 1272/2008 (CLP)

Page 3 of 9

Revision Date of issue: 14.11.17

SECTION 4: FIRST AID MEASURES

4.1. Description of first aid measures

General information:	Immediately remove any clothing soiled by the product.
After inhalation:	Supply fresh air; consult doctor in case of complaints.
After skin contact:	Immediately wash with water and soap and rinse thoroughly. If skin irritation continues, consult a doctor.
After eye contact:	Rinse opened eye for several minutes under running water. If symptoms persist, consult a doctor.
After swallowing:	Do not induce vomiting; call for medical help immediately. Rinse out mouth and then drink plenty of water.

4.2 Most important symptoms and effects, both acute and delayed

No further relevant information available.

4.3 Indication of any immediate medical attention and special treatment needed

If swallowed or in case of vomiting, danger of entering the lungs

SECTION 5: FIRE FIGHTING MEASURES

- 5.1 Suitable Extinguishing Media: CO₂, powder or water spray. Fight larger fires with water spray or alcohol resistant foam. ·
- 5.2 Unsuitable: Water with full jet.
- 5.3 Specific Hazards: Vapours are heavier than air & may spread near ground to sources of ignition. Avoid breathing fire vapours. Cool containers exposed to flames with water until well after the fire is out. Keep run-off water out of sewers and water sources.
- 5.4 Special Equipment for the protection of Fire Fighters: Wear full protective clothing & breathing apparatus.

Safety Data Sheet

Corresponding to Regulation (EC) No 1272/2008 (CLP)

Page 4 of 9

Revision Date of issue: 14.11.17

SECTION 6: ACCIDENTAL RELEASE MEASURES

- 6.1 Personal Precautions: Wear protective clothing (see Section 8).
- 6.2 Environmental Precautions: Do not discharge into drains, water courses or onto the ground. Spillages or uncontrolled discharges into watercourses must be immediately alerted to the Environmental Agency or other appropriate regulatory body
- 6.3 Methods for Cleaning up: Absorb in vermiculite, dry sand or earth and place into containers. Do not contaminate water sources or sewer. Disposal should be carried out in accordance with the Hazardous Waste Regulations. If any liquid enters the drainage system or watercourses inform the local authorities, Fire Brigade and Environment Agency.

SECTION 7: HANDLING AND STORAGE

7.1 Handling

- Technical Measures: No special measures required.
- Safe Handling Advice: Avoid spilling, skin and eye contact. Ventilate well, avoid breathing vapours. Use approved respirator if air contamination is above accepted level.

7.2 Storage

- Technical Measures: Keep container closed.
- Storage Conditions: Store in tightly closed original container in a dry, cool and well-ventilated place. Keep in original container.
- Incompatible Products: Plastic Drums.
- Packaging: Fluorinated Plastic or Steel Drums.
- Packaging Materials: Use original container.

SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION

- 8.1 Engineering Measures: No special measures required.
- 8.2 Personal Protection Equipment:



- Respiratory Protection: Provide adequate ventilation in areas of confined space. If engineering controls do not maintain airborne concentrations below recommended exposure limits, where applicable an air-purifying respirator type ABEK (EN 14387) respirator cartridges must be worn
- Hand Protection: Use Chemical Resistant Gloves to EN Standard 374 Level 1, Letter Code K
- Eye Protection: Use Chemical Goggles or Face Shield to EN Standard 166 Level 3 or higher
- Skin Protection: Wear Plastic Apron EN Standard 13034 Type PB[6] & Face Shield EN Standard 166 Level 3 or higher

Safety Data Sheet

Corresponding to Regulation (EC) No 1272/2008 (CLP)

Page 5 of 9

Revision Date of issue: 14.11.17

8.3 Hygiene Measures: Handle in accordance with good industrial hygiene & safety practices. Wash at the end of each work shift and before eating, smoking & using the toilet. Promptly remove any clothing that becomes contaminated. Wash promptly with soap & water if skin becomes contaminated. Use appropriate skin cream to prevent drying of skin. When using, do not eat, drink or smoke.

8.4 Occupational Exposure Limits:

Name	STD	OELV (8-hour reference period)		OELV (15 minute reference period)		Notes
		ppm	mg/m ³	ppm	mg/m ³	
2-BUTOXYETHANOL	OELV	20	98	50	246	Sk, IOELV

OELV = Occupational Exposure Limit Value.

SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

a)	Appearance:	Yellow Liquid
b)	Odour:	Characteristic
c)	Odour threshold:	N/A
d)	pH:	No data available
e)	Melting point / freezing point:	No data available
f)	Initial boiling point & boiling range:	162°C
g)	Flash point:	40°C
h)	Evaporation rate:	No data available
i)	Flammability solid, gas:	No data available
j)	Upper/lower flammability or explosive limits:	Lower: 0.9 Vol % Upper: 10.6 Vol %
k)	Vapour pressure:	1.2 hPa @ °C
l)	Vapour density:	No data available
m)	Relative density:	0.83 g/cm ³
n)	Solubility(ies):	Insoluble.
o)	Partition coefficient: n-octanol/water:	No data available
p)	Auto-ignition temperature:	Product is not self-igniting
q)	Decomposition temperature:	No data available
r)	Viscosity:	No data available
s)	Explosive properties:	Product is not explosive. However, formation of explosive air/vapour mixtures are possible
t)	Oxidising properties:	No data available

SECTION 10: STABILITY AND REACTIVITY

<u>10.1. Reactivity:</u>	None known
<u>10.2. Chemical stability:</u>	Stable under normal temperature conditions and recommended use.
<u>10.3. Possibility of hazardous reactions:</u>	Forms peroxides of unknown stability.
<u>10.4. Conditions to avoid:</u>	Avoid heat, flames and other sources of ignition.
<u>10.5. Incompatible materials:</u>	Strong oxidising substances.

10.6. Hazardous decomposition products:

Fire creates: Toxic gases/vapours/fumes of:
Carbon monoxide (CO). Carbon dioxide
(CO₂).

Safety Data Sheet

Corresponding to Regulation (EC) No 1272/2008 (CLP)

Page 6 of 9

Revision Date of issue: 14.11.17

SECTION 11: TOXICOLOGICAL INFORMATION

11.1. Information on toxicological effects:

Primary irritant effect:

Skin corrosion/irritation

Causes skin irritation.

Serious eye damage/irritation

Causes serious eye irritation.

Respiratory or skin sensitisation

Based on available data, the classification criteria are not met.

CMR effects (carcinogenicity, mutagenicity and toxicity for reproduction)

Germ cell mutagenicity

Based on available data, the classification criteria are not met.

Carcinogenicity

Based on available data, the classification criteria are not met.

Reproductive toxicity

Based on available data, the classification criteria are not met.

STOT-single exposure

May cause drowsiness or dizziness.

STOT-repeated exposure

Based on available data, the classification criteria are not met.

Aspiration hazard

May be fatal if swallowed and enters airways.

11.2. Toxicological information on ingredients:

Hydrocarbons, C9-C11, n-alkanes, isoalkanes, cyclics, <2% aromatics. Benzene concentration is <0.1% CAS-No.: 64742-48-9

Acute toxicity

Based on available data, the classification criteria are not met.

LD/LC50 values relevant for classification:

Oral LD50 >5,000 mg/kg (rat)

Dermal LD50 >3,000 mg/kg (rab)

2-BUTOXYETHANOL CAS-No.: 111-76-2

Acute toxicity:

Acute Toxicity (Oral LD50)

1746 mg/kg Rat

Acute Toxicity (Dermal LD50)

0.63 mL/kg Rabbit

Acute Toxicity (Inhalation LC50)

450 ppm (vapours) Rat 4 hours

REACH dossier information

Safety Data Sheet

Corresponding to Regulation (EC) No 1272/2008 (CLP)

Page 7 of 9

Revision Date of issue: 14.11.17

SECTION 12: ECOLOGICAL INFORMATION

Eco-toxicity

Dangerous for the environment if discharged into watercourses. The product is easily biodegradable.

12.1. Toxicity

Ecological information on ingredients:

2-BUTOXYETHANOL CAS-No.: 111-76-2

Acute Toxicity - Fish

LC50 96 hours 1474 mg/l Onchorhynchus mykiss (Rainbow trout)

Acute Toxicity - Aquatic Invertebrates

EC50 48 hours 1550 mg/l Daphnia magna

Acute Toxicity - Aquatic Plants

EC50 72 hours 911 mg/l Pseudokirchnerella subcapitata

NOEC 72 hours 88 mg/l Pseudokirchnerella subcapitata

REACH dossier information

12.2. Persistence and degradability

Degradability: The surfactant(s) contained in this preparation comply with the biodegradability criteria as laid down in Regulation (EC) No.648/2004 on detergents. Data to support this assertion are held at the disposal of the competent authorities of the Member States and will be made available to them, at their direct request or at the request of a detergent manufacturer.

12.3. Bioaccumulative potential

No data available on bioaccumulation.

12.4 Mobility in soil

No further relevant information available.

Additional ecological information: · General notes: Water hazard class 2 (German Regulation) (Self-assessment): hazardous for water. Do not allow product to reach ground water or water course. Danger to drinking water if even small quantities leak into the ground.

12.5. Results of PBT and vPvB assessment

Not determined.

12.6. Other adverse effects

Not determined.

SECTION 13: DISPOSAL CONSIDERATIONS

General information: Waste to be treated as controlled waste. Disposal to licensed waste disposal site in accordance with local Waste Disposal Authority

13.1. Waste treatment methods

Dispose of waste in accordance with local regulations. Recover, reclaim or recycle, where possible.

Safety Data Sheet

Corresponding to Regulation (EC) No 1272/2008 (CLP)

Page 8 of 9

Revision Date of issue: 14.11.17

SECTION 14: TRANSPORT INFORMATION

The product is not covered by international regulation on the transport of dangerous goods:

REGULATIONS

RID/ADR:

ICAO/IATA-DGR:

GGVSee/IMDG-Code:

CLASS

UN3295

UN3295

UN3295

14.1. UN number

UN3295

14.2. UN proper shipping name

3295 HYDROCARBONS, LIQUID, N.O.S.

14.3. Transport hazard class(es)

ADR, IMDG, IATA · Class 3 Flammable liquids. · Label 3.

14.4. Packing Group

III

14.5. Environmental Hazards

Environmentally Hazardous Substance/Marine Pollutant: No

14.6 Special precautions for user

Warning: Flammable liquids.

Danger code (Kemler): 30

EMS Number: F-E,S-E

Stowage Category A

14.7 Transport in bulk according to Annex II of Marpol and the IBC Code

Not applicable.

Transport/Additional information:

ADR

Limited quantities (LQ)

5L

Excepted quantities (EQ)

Code: E1

Maximum net quantity per inner packaging: 30 ml

Maximum net quantity per outer packaging: 1000 ml ·

Transport category

3

Tunnel restriction code

D/E

IMDG

Limited quantities (LQ)

5L

Excepted quantities (EQ)

Code: E1

Maximum net quantity per inner packaging: 30 ml

Maximum net quantity per outer packaging: 1000 ml

UN "Model Regulation":

UN 3295 HYDROCARBONS, LIQUID, N.O.S., 3, III

Safety Data Sheet

Corresponding to Regulation (EC) No 1272/2008 (CLP)

Page 9 of 9

Revision Date of issue: 14.11.17

SECTION 15: REGULATORY INFORMATION

15.1. Safety, health and environmental regulations/legislation specific for the substance or mixture

Statutory Instruments

Corresponding to Preparations Regulations S.I. No. 62 of 2004

Approved Code Of Practice

Classification and Labelling of Substances and Preparations Dangerous for Supply.

Guidance Notes

Workplace Exposure Limits EH40.

EU Legislation

Regulation (EC) No 1272/2008 of the European Parliament and of the Council of 16 December 2008 on classification, labelling and packaging of substances and mixtures, amending and repealing Directives 67/548/EEC and 1999/45/EC, and amending Regulation (EC) No 1907/2006 with amendments.

15.2. Chemical Safety Assessment

No chemical safety assessment has been carried out.

SECTION 16: OTHER INFORMATION

Revision Comments

Re-issued according to Regulation (EU) No 453/2010.

Revision Date: 14.11.17

Hazard Statements In Full

H226	Flammable liquid and vapour
H302	Harmful if swallowed
H304	May be fatal if swallowed and enters airways.
H312	Harmful in contact with skin
H315	Causes skin irritation
H319	Causes serious eye irritation
H332	Harmful if inhaled
H336	May cause drowsiness or dizziness.

The information contained herein is based on the present state of our knowledge and is intended to describe our products from the point of view of safety requirements. It should therefore not be construed as guaranteeing specific properties.