### Safety Data Sheet

According to Regulation (EC) No. 453/2010

Date of issue: 25/02/2017	Revision date: 25/02/2017	Supersedes: 25/02/2017	Version:1.0
SECTION 1: Identification of the	substance/mixture and of the compar	ny/undertaking	
1.1 Product identifier			
Product Form	: Mixture		
Product Name	: TIGER COMPRESSOR OIL	100	
Product Code	: 1732		
Product Group	: Blend		
1.2 Product identifier			
1.2.1. Relevant identified uses			
Main use category	: Industrial use, Professional u	se,Consumer use	
Industrial/Professional use spec.	: Non-dispersive use Used in	closed systems	
Function or use category	: Lubricants and additives		
<b>1.2.2. Uses advised against</b> No additional information available			
1.3 Details of the supplier of the	safety data sheet		
Riyadh 14371-6749- Saudi Arabiainfo@blacktiger.com.sa1.4Details of the supplier of the	safety data sheet		
Emergency number	: +966 11 438 2902		
SECTION 2: Hazards identification	on		
2.1 Classification of the substar	nce or mixture		
Classification according to Regulat	ion (EC) No. 1272/2008 [CLP] Show		
AquaticChronic3 H412 Full text of H-phrases: see section 16			
Classification according to Directive	e 67/548/EEC or 1999/45/EC		
R52/53 Full text of R-phrases: see section 16			
Adverse physicochemical, human h No additional information available	ealth and environmental effects		
2.2 Label elements			
Labelling according to Regulation (	EC) No. 1272/2008 [CLP]		
Signal word (CLP)	: -	with long locting offects	
Hazard statements (CLP) Precautionary statements (CLP)	•	children P273 - Avoid release to the environ rdance with local/regional/national/internatio	•
EUH phrases		ne(90-30-2). May produce an allergic reaction	-
Child-resistant fastening Tactile warning	: No : No		
2.3 Other hazards			

### 2.3 Other hazards

No additional information available

Safetv Data Sheet According to Regulation (EC) No. 453/2010

### SECTION 3: Composition/information on ingredients

#### 3.1 **Substances**

### Not applicable

#### **Mixture** 3.2

Name	Product identifier	%	Classification according 1272/2008 [CLP]	g to Regulation (EC) No.
Solvent naphtha (petroleum), heavy aromatic	(CAS No) 64742-94-5. (EC no) 265-198-5. (EC index no) 649-424-00-3	0,1-0,99	STOT SE 3, H336. Tox. 1, H304 Chronic 2, H411	Asp. Aquatic
alkylphenol	(CAS No) 128-39-2 (EC no) 204-884-0. (REACH-no) 01-2119490822-33	0,1-0,99	Skin Irrit. 2, H315 Acute 1, H400 1, H410	Aquatic Aquatic Chronic
Aryl amine	(CAS No) 90-30-2 (EC no) 201-983-0	0,1-0,24	Acute Tox. 4 (Oral), H302 Aquatic Acute 1, H400	Skin Sens. 1, H317 Aquatic Chronic 1, H410
Naphthalene	(CAS No) 91-20-3 (EC no) 202-049-5 (EC index no) 601-052-00-2	0,1-0,24	Acute Tox. 4 (Oral), H302 Acute 1, H400	Carc. 2, H351. Aquatic Aquatic Chronic 1, H410

Full text of R-, H- and EUH-phrases: see section 16

### SECTION 4: First aid measures

irst-aid measures after inhalation       : Not expected to require first aid measures.         irst-aid measures after skin contact       : Wash skin with mild soap and water.         irst-aid measures after ingestion       : Do not induce vomiting. Rinse mouth. Get immediate medical advice/attention.         .2       Most important symptoms and effects, both acute and delayed         wymptoms/injuries after inhalation       : Not expected to present a significant inhalation hazard under anticipated conditions of use.         ymptoms/injuries after inhalation       : Not expected to present a significant skin hazard under anticipated conditions of use.         ymptoms/injuries after inhalation       : Not expected to present a significant eye contact hazard under anticipated conditions of use.         ymptoms/injuries after inhalation       : Not expected to present a significant ingestion hazard under anticipated conditions of use.         ymptoms/injuries after inhalation       : Not expected to present a significant ingestion hazard under anticipated conditions of use.         ymptoms/injuries after inhalation       : Not expected to present a significant ingestion hazard under anticipated conditions of use.         3       Indication of any immediate medical attention and special treatment needed       Indication of any immediate medical attention and special treatment.         10       Extinguishing media       : Water fog. Foam. Powder. Dry chemical product.         11       Extinguishing media       : Do not term fire area wit	Ad Description of first still	
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	Other information	
lo additional information available	6.4 Reference to other sections	
	No additional information available	

### Safety Data Sheet

According to Regulation (EC) No. 453/2010

SECTION 7: Handling and storage			
7.1 Precautions for safe handling			
Precautions for safe handling	<ul> <li>Avoid all unnecessary exposure. Both local exhaust &amp; general room ventilation are usually</li> <li>required.</li> </ul>		
Handling temperature	: <40°C		
Hygiene measures	Wash hands and other exposed areas with mild soap and water before eat, drink or smoke and when leaving work.		
7.2 Conditions for safe storage, including	any incompatibilities		
Storage temperature	: <40°C		
Storage area	: Store in dry, cool, well-ventilated area.		
7.3 Specific end use(s)			
No additional information available			
SECTION 8: Exposure controls/personal	protection		
8.1 Control parameters			
Naphthalene (91-20-3)			
EU	IOELV TWA (ppm)	10 ppm	
EU	IOELV STEL (mg/m3)	15 mg/m3	
Austria	MAK (mg/m3)	50 mg/m3	
Belgium	Limit value (mg/m3)	50 mg/m3	
Belgium	Short time value (mg/m3)	53 mg/m3	
Bulgaria	OEL TWA (mg/m3)	50 mg/m3 8h	
Bulgaria	OEL STEL (mg/m3)	75 mg/m3 15 min.	
France	VME (mg/m3)	50 mg/m3	
Germany	TRGS 900 Occupational exposure limit value (mg/ m3)	50 mg/m3	
Italy - Portugal - USA ACGIH	ACGIH TWA (mg/m3)	10 mg/m3	
Italy - Portugal - USA ACGIH	ACGIH STEL (mg/m3)	15 fibers/cm3	
The Netherlands	MAC TGG 8H (mg/m3)	50 mg/m3	
The Netherlands	MAC TGG 15MIN (mg/m3)	80 mg/m3	
United Kingdom	WEL TWA (mg/m3)	50 mg/m3	
Denmark	Grænseværdie (kortvarig) (mg/m3)	50 mg/m3	
Finland	HTP-arvo (8h) (mg/m3)	5 mg/m3	
Finland	HTP-arvo (15 min)	100 mg/m3	

Additional Information

: 5 mg/m3 for oil mists (TWA, 8h-workday) recommended, based upon the ACGIH TLV (Analysis according to US NIOSH Method 5026, NIOSH Manual of Analytical Methods, 3rd Edition).

### 8.2 Exposure controls

Personal protective equipment

Hand protection Skin and body protection Respiratory protection : Safety glasses. Gloves.



- Permeation time: minimum >480min long term exposure; material / thickness [mm]: >0,35 mm.
- : No special clothing/skin protection equipment is recommended under normal conditions of use. No special respiratory protection equipment is recommended under normal conditions of use with adequate ventilation.

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SECTION 9: Physical and chemical propert	SECTION 9: Physical and chemical properties		
9.1 Information on basic physical and ch			
Physical state	: Liquid.		
Appearance	Liquid.		
Colour	· Yellow-brown		
Odour			
Odour threshold	No data available.		
pH	No data available.		
Relative evaporation rate (butylacetate=1)	No data available.		
Melting point	No data available.		
Freezing point	No data available.		
Boiling point	No data available.		
Flash point	<ul> <li>No data available.</li> <li>&gt;205 °C @ ASTM D92</li> </ul>		
Self ignition temperature	No data available.		
Decomposition temperature	No data available.		
Flammability (solid, gas)			
Vapour pressure	<ul> <li>No data available.</li> <li>No data available.</li> </ul>		
Relative vapour density at 20 °C			
Relative density	No data available.		
Density	: No data available.		
Solubility	: 891 kg/m3 @15°C		
Log Pow	<ul><li>Slightly soluble, the product remains on the water surface.</li><li>No data available.</li></ul>		
Viscosity, kinematic			
Viscosity, dynamic	: 100 mm2/s @ 40°C : No data available.		
Explosive properties			
Oxidising properties	No data available.		
Explosive limits	No data available.		
•	No data available.		
9.2 Other information			
No additional information available			
SECTION 10: Stability and reactivity			
10.1 Reactivity			
None under normal conditions.			
10.2 Chemical stability			
Stable under normal conditions.			
10.3 Possibility of hazardous reactions			
None under normal conditions.			
10.4 Conditions to avoid			
No data available.			
10.5 Incompatible materials			
Strong oxidizers. acids. Bases.			
10.6 Hazardous decomposition products			
None under normal conditions.			
SECTION 11: Toxicological information			
11.1 Information on toxicological effects			
Acute toxicity	: Not classified		
TIGER COMPRESSOR OIL 100			
LD50 oral rat	2600 mg/kg		
LD50 dermal rabbit	> 2500 mg/kg		
Skin corrosion/irritation	: Not classified		
Serious eye damage/irritation	: Not classified		
Respiratory or skin sensitisation	: Not classified		
Germ cell mutagenicity	: Not classified		
Carcinogenicity	: Not classified		
Reproductive toxicity	: Not classified		
Specific target organ toxicity (single exposure)	: Not classified		
Specific target organ toxicity (repeated exposure)	: Not classified		
Aspiration hazard	: Not classified		

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SECTION 12: Ecological information	
12.1 Toxicity	
Ecology - general	: Harmful to aquatic life with long lasting effects.
Naphthalene (91-20-3)	
LC50 fish 1	< 10 mg/l 96h
LC50 fish 2	0,51 mg/kg
LC50 other aquatic organisms 1	48h, Daphnia
EC50 Daphnia 1	3,4 mg/l
EC50 Daphnia 2	< 10 mg/l
12.2 Persistence and degradability	
TIGER COMPRESSOR OIL 100	
Persistence and degradability	Not soluble in water, so only minimally biodegradable.
Naphthalene (91-20-3)	
Persistence and degradability	Inherently biodegradable.
12.3 Bioaccumulative potential	
No additional information available	
12.4 Mobility in soil	
No additional information available	
12.5 Results of PBT and vPvB assessment	
No additional information available	
12.6 Other adverse effects	
No additional information available	
SECTION 13: Disposal considerations	
13.1 Waste treatment methods	
13.1Waste treatment methodsAdditional information	Dispose in a safe manner in accordance with local/national regulations
	Dispose in a safe manner in accordance with local/national regulations
Additional information	
Additional information SECTION 14: Transport information	·
Additional information SECTION 14: Transport information In accordance with ADR / RID / IMDG / IATA /	
Additional information SECTION 14: Transport information In accordance with ADR / RID / IMDG / IATA / 14.1 UN number	·
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Additional information SECTION 14: Transport information In accordance with ADR / RID / IMDG / IATA / 14.1 UN number Not regulated for transport 14.2 UN proper shipping name	·
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Additional information SECTION 14: Transport information In accordance with ADR / RID / IMDG / IATA / 14.1 UN number Not regulated for transport 14.2 UN proper shipping name Not Applicable 14.3 Transport hazard class(es) Not applicable. 14.4 Packing group	·
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Additional informationSECTION 14: Transport informationIn accordance with ADR / RID / IMDG / IATA /14.1UN numberNot regulated for transport14.2UN proper shipping nameNot Applicable14.3Transport hazard class(es)Not applicable.14.4Packing groupNot applicable14.5Environmental hazardsOther information14.6Special precautions for user14.6.1Overland transportNo Additional Information Available14.6.2Transport by seaNo Additional Information Available	ADN
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Additional informationSECTION 14: Transport informationIn accordance with ADR / RID / IMDG / IATA /14.1UN numberNot regulated for transport14.2UN proper shipping nameNot Applicable14.3Transport hazard class(es)Not applicable.14.4Packing groupNot applicable14.5Environmental hazardsOther information14.6Special precautions for user14.6.1Overland transportNo Additional Information Available14.6.3Air transportNo Additional Information Available14.6.3Air transportNo Additional Information Available14.6.4Inland waterway transport	ADN : No supplementary information available
Additional information SECTION 14: Transport information In accordance with ADR / RID / IMDG / IATA / 14.1 UN number Not regulated for transport 14.2 UN proper shipping name Not Applicable 14.3 Transport hazard class(es) Not applicable. 14.4 Packing group Not applicable 14.5 Environmental hazards Other information 14.6 Special precautions for user 14.6.1 Overland transport No Additional Information Available 14.6.3 Air transport No Additional Information Available 14.6.4 Inland waterway transport No Additional Information Available	ADN : No supplementary information available

### Safety Data Sheet

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### SECTION 15: Regulatory information

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

:

### 15.1.1 EU-Regulations

No REACH Annex XVII restrictions

Contains no REACH candidate substance

#### 15.1.2 National regulations

#### No Additional Information Available

#### 15.2. Chemical safety assessment

No additional information available

### SECTION 16: Other information.

ACGIH: American Conference of Governmental Industrial Hygienists
TWA: Time Weighted Average
TLV: Threshold Limit Value
ASTM: American Society for Testing and Materials
ADR: Accord Européen Relatif au Transport International des Marchandises Dangereuses par Route
RID: Regulations Concerning the International Carriage of Dangerous Goods by Rail
ADNR: Accord Européen relatif au Transport International des Marchandises Dangereuses par voie de Navigation du Rhin
IMDG: International Maritime Dangerous Goods
ICAO: International Civil Aviation Organization
IATA: International Air Transport Association
STEL: Short Term Exposure Limit
 LD50: median Lethal Dose for 50% of subjects
ATE: acute toxicity estimate

Other information

The information in this SDS was obtained from sources which we believe are reliable. However, the information is provided without any warranty, express or implied, regarding its correctness. The conditions or methods of handling, storage, use or disposal of the product are beyond our control and may be beyond our knowledge. For this and other reasons, we do not assume responsibility and expressly disclaim liability for loss, damage or expense arising out of or in any way connected with the handling, storage, use or disposal of the product. This MSDS was prepared and is to be used only for this product. If the product is used as a component in another product, this MSDS information may not be applicable.

#### Full text of R-, H- and EUH-statements:

Acute toxicity (oral) Category 4	
Hazardous to the aquatic environment - Acute Hazard Category 1	
Hazardous to the aquatic environment - Chronic Hazard Category 1	
Hazardous to the aquatic environment - Chronic Hazard Category 2	
Hazardous to the aquatic environment - Chronic Hazard Category 3	
Harmful if swallowed	
May be fatal if swallowed and enters airways	
Causes skin irritation	
May cause an allergic skin reaction	
May cause drowsiness or dizziness	
Harmful if swallowed	
Irritating to skin	
Limited evidence of a carcinogenic effect	
May cause sensitisation by skin contact	
Irritant	
Harmful	

SDS EU (REACH Annex II)

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.