

## 1 Identification

- **Product identifier**
- **Trade name: JET SPEED 2T**
- **Relevant identified uses of the substance or mixture and uses advised against**  
No further relevant information available.
- **Application of the substance / the mixture**  
Engine oil  
Only for proper handling.
- **Details of the supplier of the safety data sheet**
- **Manufacturer/Supplier:**  
MOTOREX AG  
Bern–Zürich–Strasse 31, Postfach  
CH–4901 Langenthal  
Tel. +41 (0)62 919 75 75  
www.motorex.com  
  
A1 Accessory Imports  
60-62 Burchill St.  
Loganholme  
4129 QLD  
Australia  
Phone : 07 3451 1300
- **Further information obtainable from: [msds@motorex.com](mailto:msds@motorex.com)**
- **Emergency telephone number:**  
In case of a medical emergency following exposure to a chemical, call Poisons Information Centre Australia 13 11 26

## 2 Hazard(s) Identification

- **Classification of the substance or mixture**  
The product is not classified, according to the Globally Harmonised System (GHS).
- **Label elements**
- **GHS label elements** Void
- **Hazard pictograms** Void
- **Signal word** Void
- **Hazard statements** Void
- **Other hazards**
- **Results of PBT and vPvB assessment**
- **PBT:** Not applicable.
- **vPvB:** Not applicable.

## 3 Composition and Information on Ingredients

- **Chemical characterisation: Mixtures**
- **Description:** Mixture of substances listed below with nonhazardous additions.

- **Dangerous components:**

EC number: 926-141-6	Hydrocarbons, C11-C14, n-alkanes, isoalkanes, cycloalkanes, <2% aromatics Asp. Tox. 1, H304; Flam. Liq. 4, H227	10-25%
CAS: 64742-54-7 EINECS: 265-157-1 Index number: 649-467-00-8	Distillates (petroleum), hydrotreated heavy paraffinic Asp. Tox. 1, H304	≥1-≤3%
CAS: 64742-65-0 EINECS: 265-169-7 Index number: 649-474-00-6	Distillates (petroleum), solvent-dewaxed heavy paraffinic Asp. Tox. 1, H304	≥1-≤3%

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	Mineral oils (mixture) Asp. Tox. 1, H304	≥0.1-≤2.5%
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· **Regulation (EC) No 648/2004 on detergents / Labelling for contents**

aliphatic hydrocarbons		≥15 - <30%
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· **Additional information:**

Note L: The classification as carcinogen does not apply because the mixture (or substance) contains less than 3% dimethyl sulfoxide extract (DMSO), measured according to IP 346.

For the wording of the listed hazard phrases refer to section 16.

### 4 First Aid Measures

- **General information:** No special measures required.
- **After inhalation:** Supply fresh air; consult doctor in case of complaints.
- **After skin contact:**  
Remove residues with soap and water.  
Remove contaminated clothing immediately.
- **After eye contact:** Rinse opened eye for several minutes under running water.
- **After swallowing:**  
Do not induce vomiting. Do not take in resorption stimulating agents.  
Consult a physician who will decide on need and method of emptying the stomach.
- **Information for doctor:**
- **Most important symptoms and effects, both acute and delayed**  
No further relevant information available.
- **Indication of any immediate medical attention and special treatment needed**  
No further relevant information available.

### 5 Fire Fighting Measures

- **Suitable extinguishing agents:** Use fire extinguishing methods suitable to surrounding conditions.
- **Special hazards arising from the substance or mixture**  
In case of fire carbon, sulphur and nitrogen oxides can be formed.
- **Protective equipment:** No special measures required.

### 6 Accidental Release Measures

- **Personal precautions, protective equipment and emergency procedures** Not required.
- **Environmental precautions:** Do not allow to enter sewers/ surface or ground water.
- **Methods and material for containment and cleaning up:**  
Absorb with liquid-binding material (sand, diatomite, acid binders, universal binders, sawdust).
- **Reference to other sections**  
No dangerous substances are released.  
See Section 7 for information on safe handling.  
See Section 8 for information on personal protection equipment.  
See Section 13 for disposal information.

### 7 Handling and Storage

- **Handling:**
- **Precautions for safe handling** No special measures required.
- **Information about fire - and explosion protection:**  
Do not heat above flash point.  
Do not spray onto a naked flame or any incandescent material.

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- **Storage:**
- **Requirements to be met by storerooms and receptacles:** No special requirements.
- **Information about storage in one common storage facility:** Not required.
- **Further information about storage conditions:**  
The recommended storage temperature is (deg.C): ≤50°C  
Store containers closed and protect against rain, dust, heat and other atmospheric influences.
- **Storage class:** 10
- **Specific end use(s)** No further relevant information available.

### 8 Exposure controls and personal protection

- **Additional information about design of technical facilities:** No further data; see section 7.
- **Ingredients with limit values that require monitoring at the workplace:**  
The product does not contain any relevant quantities of materials with critical values that have to be monitored at the workplace.

#### · DNELs

**64742-65-0 Distillates (petroleum), solvent-dewaxed heavy paraffinic**

Inhalative	DNEL	5.4 mg/m <sup>3</sup> /8h (worker)
	DNEL	1.2 mg/m <sup>3</sup> /24h (consumer)

- **Additional information:** The lists valid during the making were used as basis.
- **Personal protective equipment:**
- **General protective and hygienic measures:**  
Keep away from foodstuffs, beverages and feed.  
Wash hands before breaks and at the end of work.  
Do not inhale gases / fumes / aerosols.
- **Respiratory protection:**  
Not necessary if room is well-ventilated.  
Respiratory protection if formation of aerosol or mist: use mask with filter type A2, A2/P2 or ABEK.
- **Protection of hands:**  
The glove material has to be impermeable and resistant to the product/ the substance/ the preparation.  
Selection of the glove material on consideration of the penetration times, rates of diffusion and the degradation
- **Material of gloves**  
The selection of the suitable gloves does not only depend on the material, but also on further marks of quality and varies from manufacturer to manufacturer. As the product is a preparation of several substances, the resistance of the glove material can not be calculated in advance and has therefore to be checked prior to the application.
- **Penetration time of glove material**  
The exact break through time has to be found out by the manufacturer of the protective gloves and has to be observed.
- **Eye protection:** Goggles recommended during refilling
- **Body protection:** Protective work clothing

### 9 Physical and Chemical Properties

- **General Information**
- **Appearance:**
- **Form:** Fluid
- **Colour:** Green
- **Odour:** Characteristic
- **Odour threshold:** Not determined.
- **pH-value:** Not determined.

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- **Change in condition**
- **Melting point/freezing point:** Undetermined.
- **Initial boiling point and boiling range:** Undetermined.
- **Pouring point** -36 °C
- **Flash point:** ≥100 °C
- **Flammability (solid, gas):** Not applicable.
- **Decomposition temperature:** Not determined.
- **Explosive properties:** Product does not present an explosion hazard.
- **Explosion limits:**
- **Lower:** Not determined.
- **Upper:** Not determined.
- **Vapour pressure:** Not determined.
- **Density at 20 °C:** 0.867 g/cm<sup>3</sup> (ASTM D 4052)
- **Relative density** Not determined.
- **Vapour density** Not determined.
- **Evaporation rate** Not determined.
- **Solubility in / Miscibility with**
- **water:** Not miscible or difficult to mix.
- **Partition coefficient: n-octanol/water:** Not determined.
- **Viscosity:**
- **Dynamic:** Not determined.
- **Kinematic:** 48.7 mm<sup>2</sup>/s @ 40 °C
- " 7.6 mm<sup>2</sup>/s @100 °C
- **Solvent separation test:**
- **VOC (EC)** 18.52 %
- **Other information** No further relevant information available.

## 10 Stability and Reactivity

- **Reactivity** No further relevant information available.
- **Thermal decomposition / conditions to be avoided:** No decomposition if used according to specifications.
- **Possibility of hazardous reactions** No dangerous reactions known.
- **Conditions to avoid** No further relevant information available.
- **Incompatible materials:** No further relevant information available.
- **Hazardous decomposition products:** No dangerous decomposition products known.

## 11 Toxicological Information

- **Information on toxicological effects**
- **Acute toxicity** Based on available data, the classification criteria are not met.

### · LD/LC50 values relevant for classification:

#### Hydrocarbons, C11-C14, n-alkanes, isoalkanes, cycloalkanes, <2% aromatics

Oral	LD50	5,000 mg/kg (rat)
	NOAEL	1,000-5,000 mg/kg/24h (rat)
Dermal	LD50	2,000 mg/kg (rabbit)
Inhalative	LC50 / 4h	5.28 mg/l (rat)
	NOAEL	200 ppm (rat)
	NOAEC	275-10,400 mg/m <sup>3</sup> (rat)

#### 64742-54-7 Distillates (petroleum), hydrotreated heavy paraffinic

Oral	LD50	5,000 mg/kg (rat)
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Dermal	LOAEL	125 mg/kg/24h (rat)
	LD50	2,000-5,000 mg/kg (rabbit)
	NOAEL	150 mg/kg/24h (mouse) 30-2,000 mg/kg/24h (rat)
Inhalative		1,000 mg/kg/24h (rabbit)
	LOAEL	100 mg/kg/24h (mouse)
	LC50 / 4h	2.18-5.53 mg/l (rat)
	NOEL	220 mg/m3 (rat)
	NOAEL	980 mg/m3 (rat)

**64742-65-0 Distillates (petroleum), solvent-dewaxed heavy paraffinic**

Oral	LD50	5,000 mg/kg (rat)
Dermal	LOAEL	125 mg/kg/24h (rat)
	LD50	2,000-5,000 mg/kg (rabbit)
	NOAEL	150 mg/kg/24h (mouse) 30-2,000 mg/kg/24h (rat)
Inhalative		1,000 mg/kg/24h (rabbit)
	LOAEL	100 mg/kg/24h (mouse)
	LC50 / 4h	2.18-5.53 mg/l (rat)
	NOEL	220 mg/m3 (rat)
	NOAEL	980 mg/m3 (rat)

- **Skin corrosion/irritation** Based on available data, the classification criteria are not met.
- **Serious eye damage/irritation** Based on available data, the classification criteria are not met.
- **Respiratory or skin sensitisation** Based on available data, the classification criteria are not met.
- **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** Based on available data, the classification criteria are not met.
- **STOT-repeated exposure** Based on available data, the classification criteria are not met.
- **Aspiration hazard** Based on available data, the classification criteria are not met.

**12 Ecological Information**· **Toxicity**· **Aquatic toxicity:****Hydrocarbons, C11-C14, n-alkanes, isoalkanes, cycloalkanes, <2% aromatics**

LL50	2-5 mg/l/96h (fish)
LL50	2-5 mg/l/48h (fish)
LL50	5-17 mg/l/24h (fish)
EL50	1.4 mg/l/48h (aquatic invertebrates)
EL50	4.6 mg/l/24h (aquatic invertebrates)
	1-3 mg/l/24h (algae / cyanobacteria)
EL50	1-3 mg/l/72h (algae / cyanobacteria)
EL50	0.81-0.89 mg/l/21d (aquatic invertebrates)
NOELR	1.22 mg/l/21d (aquatic invertebrates)
NOELR	1,000 mg/l/72h (algae / cyanobacteria)

**64742-54-7 Distillates (petroleum), hydrotreated heavy paraffinic**

LL50	10,000 mg/l/96h (aquatic invertebrates)
	100 mg/l/96h (fish)

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LL50	10,000 mg/l/72h (aquatic invertebrates)
LL50	10,000 mg/l/48h (aquatic invertebrates)
LL50	10,000 mg/l/24h (aquatic invertebrates)
EL50	10,000 mg/l/48h (aquatic invertebrates)
<b>64742-65-0 Distillates (petroleum), solvent-dewaxed heavy paraffinic</b>	
LL50	10,000 mg/l/96h (aquatic invertebrates) 100 mg/l/96h (fish)
LL50	10,000 mg/l/72h (aquatic invertebrates)
LL50	10,000 mg/l/48h (aquatic invertebrates)
LL50	10,000 mg/l/24h (aquatic invertebrates)
EL50	10,000 mg/l/48h (aquatic invertebrates)

- **Persistence and degradability** No further relevant information available.
- **Behaviour in environmental systems:**

- **Bioaccumulative potential**

<b>64742-54-7 Distillates (petroleum), hydrotreated heavy paraffinic</b>	
Partition coefficient	>6 [---] (log Kow) (Bioaccumulation)
<b>64742-65-0 Distillates (petroleum), solvent-dewaxed heavy paraffinic</b>	
Partition coefficient	>6 [---] (log Kow) (Bioaccumulation)

- **Mobility in soil** No further relevant information available.
- **Additional ecological information:**

- **General notes:**

Water hazard class 1 (according to Appendix 1 AwSV): slightly hazardous for water  
 Water hazard class 2 (according to Appendix 1 AWSV): significantly hazardous to water  
 Do not allow product to reach ground water, water course or sewage system.  
 Danger to drinking water if even small quantities leak into the ground.

- **Results of PBT and vPvB assessment**

- **PBT:** Not applicable.
- **vPvB:** Not applicable.
- **Other adverse effects** No further relevant information available.

### 13 Disposal considerations

- **Waste treatment methods**

- **Recommendation**

Must not be disposed together with household garbage. Do not allow product to reach sewage system.

Contact waste processors for recycling information.

Return product and/or partially emptied container in original packaging to the point of sale or hand it over to a collection point for special waste.

- **Uncleaned packaging:**

- **Recommendation:** Disposal must be made according to official regulations.

### 14 Transport information

· <b>UN-Number</b>	
· <b>ADG, ADN, IMDG, IATA</b>	Not classified as hazardous for transport
· <b>UN proper shipping name</b>	
· <b>ADG, ADN, IMDG, IATA</b>	Not classified as hazardous for transport

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· <b>Transport hazard class(es)</b>	
· <b>ADG, ADN, IMDG, IATA</b>	
· <b>Class</b>	Not classified as hazardous for transport
· <b>Packing group</b>	
· <b>ADG, IMDG, IATA</b>	Not classified as hazardous for transport
· <b>Environmental hazards:</b>	
· <b>Marine pollutant:</b>	No
· <b>Special precautions for user</b>	Not applicable.
· <b>Transport in bulk according to Annex II of Marpol and the IBC Code</b>	Not applicable.
· <b>UN "Model Regulation":</b>	Not classified as hazardous for transport

### 15 Regulatory information

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

· **Australian Inventory of Industrial Chemicals**

64742-54-7	Distillates (petroleum), hydrotreated heavy paraffinic
64742-54-7	Distillates (petroleum), hydrotreated heavy paraffinic
64742-57-0	Residual oils (petroleum), hydrotreated
9003-29-6	Polybuten (Isobutylene-/Buten-Copolymer)
64742-54-7	Distillates (petroleum), hydrotreated heavy paraffinic
64742-65-0	Distillates (petroleum), solvent-dewaxed heavy paraffinic
36878-20-3	Reaction products of Benzeneamine, N-phenyl- with nonene (branched)
8042-47-5	White mineral oil (petroleum)
1330-20-7	xylene
74499-36-8	9,10-Anthracenedione, 1,4-diamino-, N,N'-mixed 2-ethylhexyl and Me and pentyl derivs.
100-41-4	ethylbenzene

· **Standard for the Uniform Scheduling of Medicines and Poisons**

1330-20-7	xylene	S6
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· **Australia: Priority Existing Chemicals**

None of the ingredients is listed.

· **Directive 2012/18/EU**

· **Named dangerous substances - ANNEX I** None of the ingredients is listed.

· **Chemical safety assessment:** A Chemical Safety Assessment has been carried out.

### 16 Other information

This information is based on our present knowledge. However, this shall not constitute a guarantee for any specific product features and shall not establish a legally valid contractual relationship. The classification of the mixture was carried out by calculation in accordance with the rules laid down in Annex I of Regulation (EC) No 1272/2008.

No special training instructions to ensure protection of human health and environment are required.

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- **purity requirement**
- **Relevant phrases**  
*H227 Combustible liquid.*  
*H304 May be fatal if swallowed and enters airways.*
- **Department issuing SDS:** *Abteilung Produktsicherheit*
- **Contact:**
- **Abbreviations and acronyms:**  
*Flam. Liq. 4: Flammable liquids – Category 4*  
*Asp. Tox. 1: Aspiration hazard – Category 1*
- \* **Data compared to the previous version altered.**

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