

Printing date 04/12/2016

Reviewed on 04/12/2016

#### 1 Identification

- · Product identifier
- · Trade name: SCOOTER 4T SAE 10W/40
- · Application of the substance / the mixture Engine oil

Only for proper handling.

- · Details of the supplier of the safety data sheet
- · Manufacturer/Supplier:

BUCHER\_AG\_LANGENTHAL MOTOREX-Schmiertechnik Bern-Zürich-Strasse\_31\_\_ CH-4901\_Langenthal\_\_ Telefon\_+41\_(0)62\_919\_75\_75

Lube-Tech Lubrication Technologies, Inc. 900 Mendelssohn Avenue North US-55427 Golden Valley, Minnesota Phone: 001 763 417 1357

- · Information department: msds@motorex.com
- Emergency telephone number: Toxicological Information Centre CH-8028 Zurich info@toxi.ch

T. +41 (0)44 251 51 51

USA + Kanada: 1 800 424 9300 (Chemtrec Chemical Manufacturers Association, Arlington, VA 22209)

#### 2 Hazard(s) identification

- · Classification of the substance or mixture
  The product is not classified according to the Globally Harmonized System (GHS).
- · Label elements
- · GHS label elements Void
- · Hazard pictograms Void
- · Signal word Void
- · Hazard statements Void
- · Classification system:
- · NFPA ratings (scale 0 4)



Health = 0 Fire = 1 Reactivity = 0

· HMIS-ratings (scale 0 - 4)



- · Other hazards
- · Results of PBT and vPvB assessment
- · PBT: Not applicable.

(Contd. on page 2)

Printing date 04/12/2016

Reviewed on 04/12/2016

Trade name: SCOOTER 4T SAE 10W/40

· vPvB: Not applicable.

(Contd. of page 1)

#### 3 Composition/information on ingredients

- · Chemical characterization: Mixtures
- · Description: Mixture of the substances listed below with nonhazardous additions.

· Dangerous components:		
CAS: 64742-54-7 Reg.nr.: 01-2119484627-25	Distillates (petroleum), hydrotreated heavy paraffinic	2.5-7.5%
	Asp. Tox. 1, H304	

#### 4 First-aid measures

- · Description of first aid measures
- · General information: No special measures required.
- · After inhalation: Supply fresh air; consult doctor in case of complaints.
- · After skin contact:

Remove contaminated clothing immediately.

Remove residues with soap and water.

· After eye contact:

Rinse opened eye for several minutes under running water.

Consult a physician if irritation develops.

· After swallowing:

Do not induce vomitting. 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

- · Extinguishing media
- · Suitable extinguishing agents: Use fire fighting measures that suit the environment.
- · Special hazards arising from the substance or mixture

In case of fire carbon, sulphur and nitrogen oxides can be formed.

- · Advice for firefighters
- · 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.

(Contd. on page 3)

Printing date 04/12/2016

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Trade name: SCOOTER 4T SAE 10W/40

See Section 13 for disposal information.

(Contd. of page 2)

### 7 Handling and storage

- · Handling:
- Precautions for safe handling

Used oils (motor oils, gear oils, industrial oils) contain components causing skin cancer. Therefore, avoid skin contact by wearing protecting gloves. Carefully clean soiled parts of the skin with soap.

No special measures required.

· Information about protection against explosions and fires:

Do not heat above flash point.

- · Conditions for safe storage, including any incompatibilities
- · 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:

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/personal protection

- · Additional information about design of technical systems: No further data; see item 7.
- · Control parameters
- · Components 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.

- · Additional information: The lists that were valid during the creation were used as basis.
- · Exposure controls
- Personal protective equipment:
- · General protective and hygienic measures:

The usual precautionary measures for handling chemicals should be followed.

- · Breathing equipment: Not required.
- · Protection of hands:

The glove material has to be impermeable and resistant to the product/ the substance/ the preparation.

Due to missing tests no recommendation to the glove material can be given for the product/ the preparation/ the chemical mixture.

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.

(Contd. on page 4)

Printing date 04/12/2016

Reviewed on 04/12/2016

Trade name: SCOOTER 4T SAE 10W/40

· Eye protection: Goggles recommended during refilling.

(Contd. of page 3)

Physical and chemical prope	
Information on basic physical and	chemical properties
General Information	
Appearance: Form:	Fluid
Color:	Yellow - Brown
Odor:	Characteristic
Odor threshold:	Not determined.
pH-value:	Not determined.
Change in condition	
Melting point/Melting range:	Undetermined.
Boiling point/Boiling range:	Undetermined.
Flash point:	>230 °C (>446 °F)
Flammability (solid, gaseous):	Not applicable.
Ignition temperature:	> 260 °C (> 500 °F) (DIN 51794)
Decomposition temperature:	Not determined.
Auto igniting:	Product is not selfigniting.
Danger of explosion:	Product does not present an explosion hazard
Explosion limits:	
Lower:	Not determined.
Upper:	Not determined.
Vapor pressure:	Not determined.
Density at 20 °C (68 °F):	0.857 g/cm³ (7.152 lbs/gal) (ASTM D 4052)
Relative density	Not determined.
Vapor density	Not determined.
Evaporation rate	Not determined.
Solubility in / Miscibility with	
Water:	Not miscible or difficult to mix.
Partition coefficient (n-octanol/wa	ter): Not determined.
Viscosity:	
Dynamic:	Not determined.
Kinematic:	93.1 mm²/s @ 40 °C (DIN 51562-1)
VOC content:	0.0 g/l / 0.00 lb/gl
Other information	No further relevant information available.

## 10 Stability and reactivity

- · Reactivity No further relevant information available.
- · Chemical stability
- · 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.

(Contd. on page 5)

Printing date 04/12/2016

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Trade name: SCOOTER 4T SAE 10W/40

(Contd. of page 4)

- · Incompatible materials: No further relevant information available.
- · Hazardous decomposition products: No dangerous decomposition products known.

#### 11 Toxicological information

- · Information on toxicological effects
- · Acute toxicity:
- Primary irritant effect:
- · on the skin: No irritant effect.
- · on the eye: No irritating effect.
- · Sensitization: No sensitizing effects known.
- · Additional toxicological information:

The product is not subject to classification according to internally approved calculation methods for preparations:

When used and handled according to specifications, the product does not have any harmful effects according to our experience and the information provided to us.

- · Carcinogenic categories
- · IARC (International Agency for Research on Cancer)

None of the ingredients is listed.

· NTP (National Toxicology Program)

None of the ingredients is listed.

· OSHA-Ca (Occupational Safety & Health Administration)

None of the ingredients is listed.

#### 12 Ecological information

- · Toxicity
- · Aquatic toxicity: No further relevant information available.
- · Persistence and degradability No further relevant information available.
- · Behavior in environmental systems:
- · Bioaccumulative potential No further relevant information available.
- · Mobility in soil No further relevant information available.
- · Additional ecological information:
- · General notes:

Water hazard class 1 (Self-classification according VwVwS, 17.05.1999): slightly hazardous for water

Do not allow undiluted product or large quantities of it to reach ground water, water course or sewage system.

- · 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: Smaller quantities can be disposed of with household waste.

(Contd. on page 6)

Printing date 04/12/2016

Reviewed on 04/12/2016

Trade name: SCOOTER 4T SAE 10W/40

(Contd. of page 5)

- · Uncleaned packagings:
- · Recommendation: Disposal must be made according to official regulations.

· UN-Number		
· DOT, ADR,ADN, ADN, IMDG, IATA	Void	
· UN proper shipping name		
· DOT, ADR,ADN, ADN, IMDG, IATA	Void	
· Transport hazard class(es)		
· DOT, ADR,ADN, ADN, IMDG, IATA		
· Class	Void	
· Packing group		
· DOT, ADR,ADN, IMDG, IATA	Void	
· Environmental hazards:		
· Marine pollutant:	No	
· Special precautions for user	Not applicable.	
· Transport in bulk according to Annex	II of	
MARPOL73/78 and the IBC Code	Not applicable.	
UN "Model Regulation":	Void	_

### 15 Regulatory information

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

· Section 355	· Section 355 (extremely hazardous substances):		
None of the	None of the ingredients is listed.		
· Section 313	· Section 313 (Specific toxic chemical listings):		
122-39-4 di	122-39-4 diphenylamine		
· TSCA (Toxi	ic Substances Control Act):		
64742-54-7	Distillates (petroleum), hydrotreated heavy paraffinic		
64742-54-7	Distillates (petroleum), hydrotreated heavy paraffinic		
84605-29-8	Phosphorodithioic acid, mixed O,O-bis (1,3-diethylbutyl and iso-Pr)esters, zinc salts		
36878-20-3	Reaction products of Benzeneamine, N-phenyl- with nonene (branched)		
128-39-2	2,6-di-tert-butylphenol		
122-39-4	diphenylamine		
Proposition	· Proposition 65		

- · Chemicals known to cause cancer:

None of the ingredients is listed.

· Chemicals known to cause reproductive toxicity for females:

None of the ingredients is listed.

(Contd. on page 7)

Printing date 04/12/2016

Reviewed on 04/12/2016

Trade name: SCOOTER 4T SAE 10W/40

(Contd. of page 6)

· Chemicals known to cause reproductive toxicity for males:

None of the ingredients is listed.

· Chemicals known to cause developmental toxicity:

None of the ingredients is listed.

· Carcinogenic categories

· EPA (Environmental Protection Agency)

None of the ingredients is listed.

· TLV (Threshold Limit Value established by ACGIH)

122-39-4 diphenylamine

A4

· NIOSH-Ca (National Institute for Occupational Safety and Health)

None of the ingredients is listed.

· National chemical directories

Components listed or exempted from listing:

EINECS/ELINCS/NLP (EU)

TSCA (USA)

DSL/NDSL (CDN)

ENCS/METI (J)

AICS (Aus)

IECSČ (CN)

ECL/KECI (KOR)

HSNO (NZ)

PICCS (RP)

· Chemical safety assessment: A Chemical Safety Assessment has not 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.

- · Department issuing SDS: Abteilung Produktsicherheit
- · Date of preparation / last revision 04/12/2016 / -
- · Abbreviations and acronyms:

Asp. Tox. 1: Aspiration hazard - Category 1

- US



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- · Details of the supplier of the safety data sheet
- · Manufacturer/Supplier:

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Lube-Tech Lubrication Technologies, Inc. 900 Mendelssohn Avenue North US-55427 Golden Valley, Minnesota Phone: 001 763 417 1357

- · Information department: msds@motorex.com
- Emergency telephone number: Toxicological Information Centre CH-8028 Zurich info@toxi.ch

T. +41 (0)44 251 51 51

USA + Kanada: 1 800 424 9300 (Chemtrec Chemical Manufacturers Association, Arlington, VA 22209)

#### 2 Hazard(s) identification

- · Classification of the substance or mixture
  The product is not classified according to the Globally Harmonized System (GHS).
- · Label elements
- · GHS label elements Void
- · Hazard pictograms Void
- · Signal word Void
- · Hazard statements Void
- · Classification system:
- · NFPA ratings (scale 0 4)



Health = 0 Fire = 1 Reactivity = 0

· HMIS-ratings (scale 0 - 4)



- · Other hazards
- · Results of PBT and vPvB assessment
- · PBT: Not applicable.

(Contd. on page 2)

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Trade name: SCOOTER 4T SAE 10W/40

· vPvB: Not applicable.

(Contd. of page 1)

#### 3 Composition/information on ingredients

- · Chemical characterization: Mixtures
- · Description: Mixture of the substances listed below with nonhazardous additions.

· Dangerous components:		
CAS: 64742-54-7 Reg.nr.: 01-2119484627-25	Distillates (petroleum), hydrotreated heavy paraffinic	2.5-7.5%
	Asp. Tox. 1, H304	

#### 4 First-aid measures

- · Description of first aid measures
- · General information: No special measures required.
- · After inhalation: Supply fresh air; consult doctor in case of complaints.
- · After skin contact:

Remove contaminated clothing immediately.

Remove residues with soap and water.

· After eye contact:

Rinse opened eye for several minutes under running water.

Consult a physician if irritation develops.

· After swallowing:

Do not induce vomitting. 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

- · Extinguishing media
- · Suitable extinguishing agents: Use fire fighting measures that suit the environment.
- · Special hazards arising from the substance or mixture

In case of fire carbon, sulphur and nitrogen oxides can be formed.

- · Advice for firefighters
- · 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.

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Trade name: SCOOTER 4T SAE 10W/40

See Section 13 for disposal information.

(Contd. of page 2)

### 7 Handling and storage

- · Handling:
- Precautions for safe handling

Used oils (motor oils, gear oils, industrial oils) contain components causing skin cancer. Therefore, avoid skin contact by wearing protecting gloves. Carefully clean soiled parts of the skin with soap.

No special measures required.

· Information about protection against explosions and fires:

Do not heat above flash point.

- · Conditions for safe storage, including any incompatibilities
- · 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:

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/personal protection

- · Additional information about design of technical systems: No further data; see item 7.
- · Control parameters
- · Components 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.

- · Additional information: The lists that were valid during the creation were used as basis.
- · Exposure controls
- Personal protective equipment:
- · General protective and hygienic measures:

The usual precautionary measures for handling chemicals should be followed.

- · Breathing equipment: Not required.
- · Protection of hands:

The glove material has to be impermeable and resistant to the product/ the substance/ the preparation.

Due to missing tests no recommendation to the glove material can be given for the product/ the preparation/ the chemical mixture.

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.

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Printing date 04/12/2016

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Trade name: SCOOTER 4T SAE 10W/40

· Eye protection: Goggles recommended during refilling.

(Contd. of page 3)

Physical and chemical prope	
Information on basic physical and	chemical properties
General Information	
Appearance: Form:	Fluid
Color:	Yellow - Brown
Odor:	Characteristic
Odor threshold:	Not determined.
pH-value:	Not determined.
Change in condition	
Melting point/Melting range:	Undetermined.
Boiling point/Boiling range:	Undetermined.
Flash point:	>230 °C (>446 °F)
Flammability (solid, gaseous):	Not applicable.
Ignition temperature:	> 260 °C (> 500 °F) (DIN 51794)
Decomposition temperature:	Not determined.
Auto igniting:	Product is not selfigniting.
Danger of explosion:	Product does not present an explosion hazard
Explosion limits:	
Lower:	Not determined.
Upper:	Not determined.
Vapor pressure:	Not determined.
Density at 20 °C (68 °F):	0.857 g/cm³ (7.152 lbs/gal) (ASTM D 4052)
Relative density	Not determined.
Vapor density	Not determined.
Evaporation rate	Not determined.
Solubility in / Miscibility with	
Water:	Not miscible or difficult to mix.
Partition coefficient (n-octanol/wa	ter): Not determined.
Viscosity:	
Dynamic:	Not determined.
Kinematic:	93.1 mm²/s @ 40 °C (DIN 51562-1)
VOC content:	0.0 g/l / 0.00 lb/gl
Other information	No further relevant information available.

## 10 Stability and reactivity

- · Reactivity No further relevant information available.
- · Chemical stability
- · 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.

(Contd. on page 5)

Printing date 04/12/2016

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Trade name: SCOOTER 4T SAE 10W/40

(Contd. of page 4)

- · Incompatible materials: No further relevant information available.
- · Hazardous decomposition products: No dangerous decomposition products known.

#### 11 Toxicological information

- · Information on toxicological effects
- · Acute toxicity:
- Primary irritant effect:
- · on the skin: No irritant effect.
- · on the eye: No irritating effect.
- · Sensitization: No sensitizing effects known.
- · Additional toxicological information:

The product is not subject to classification according to internally approved calculation methods for preparations:

When used and handled according to specifications, the product does not have any harmful effects according to our experience and the information provided to us.

- · Carcinogenic categories
- · IARC (International Agency for Research on Cancer)

None of the ingredients is listed.

· NTP (National Toxicology Program)

None of the ingredients is listed.

· OSHA-Ca (Occupational Safety & Health Administration)

None of the ingredients is listed.

#### 12 Ecological information

- · Toxicity
- · Aquatic toxicity: No further relevant information available.
- · Persistence and degradability No further relevant information available.
- · Behavior in environmental systems:
- · Bioaccumulative potential No further relevant information available.
- · Mobility in soil No further relevant information available.
- · Additional ecological information:
- · General notes:

Water hazard class 1 (Self-classification according VwVwS, 17.05.1999): slightly hazardous for water

Do not allow undiluted product or large quantities of it to reach ground water, water course or sewage system.

- · 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: Smaller quantities can be disposed of with household waste.

(Contd. on page 6)

Printing date 04/12/2016

Reviewed on 04/12/2016

Trade name: SCOOTER 4T SAE 10W/40

(Contd. of page 5)

- · Uncleaned packagings:
- · Recommendation: Disposal must be made according to official regulations.

· UN-Number		
· DOT, ADR,ADN, ADN, IMDG, IATA	Void	
· UN proper shipping name		
· DOT, ADR,ADN, ADN, IMDG, IATA	Void	
· Transport hazard class(es)		
· DOT, ADR,ADN, ADN, IMDG, IATA		
· Class	Void	
· Packing group		
· DOT, ADR,ADN, IMDG, IATA	Void	
· Environmental hazards:		
· Marine pollutant:	No	
· Special precautions for user	Not applicable.	
· Transport in bulk according to Annex	II of	
MARPOL73/78 and the IBC Code	Not applicable.	
UN "Model Regulation":	Void	_

### 15 Regulatory information

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

· Section 355	· Section 355 (extremely hazardous substances):		
None of the	None of the ingredients is listed.		
· Section 313	· Section 313 (Specific toxic chemical listings):		
122-39-4 di	122-39-4 diphenylamine		
· TSCA (Toxi	ic Substances Control Act):		
64742-54-7	Distillates (petroleum), hydrotreated heavy paraffinic		
64742-54-7	Distillates (petroleum), hydrotreated heavy paraffinic		
84605-29-8	Phosphorodithioic acid, mixed O,O-bis (1,3-diethylbutyl and iso-Pr)esters, zinc salts		
36878-20-3	Reaction products of Benzeneamine, N-phenyl- with nonene (branched)		
128-39-2	2,6-di-tert-butylphenol		
122-39-4	diphenylamine		
Proposition	· Proposition 65		

- · Chemicals known to cause cancer:

None of the ingredients is listed.

· Chemicals known to cause reproductive toxicity for females:

None of the ingredients is listed.

(Contd. on page 7)

Printing date 04/12/2016

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Trade name: SCOOTER 4T SAE 10W/40

(Contd. of page 6)

· Chemicals known to cause reproductive toxicity for males:

None of the ingredients is listed.

· Chemicals known to cause developmental toxicity:

None of the ingredients is listed.

· Carcinogenic categories

· EPA (Environmental Protection Agency)

None of the ingredients is listed.

· TLV (Threshold Limit Value established by ACGIH)

122-39-4 diphenylamine

A4

· NIOSH-Ca (National Institute for Occupational Safety and Health)

None of the ingredients is listed.

· National chemical directories

Components listed or exempted from listing:

EINECS/ELINCS/NLP (EU)

TSCA (USA)

DSL/NDSL (CDN)

ENCS/METI (J)

AICS (Aus)

IECSČ (CN)

ECL/KECI (KOR)

HSNO (NZ)

PICCS (RP)

· Chemical safety assessment: A Chemical Safety Assessment has not 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.

- · Department issuing SDS: Abteilung Produktsicherheit
- · Date of preparation / last revision 04/12/2016 / -
- · Abbreviations and acronyms:

Asp. Tox. 1: Aspiration hazard - Category 1

- US