

# WALKER PREVENTION Dose

## Safety Data Sheet

according to Regulation (EC) No. 1907/2006 (REACH) with its amendment Regulation (EC) No. 453/2010

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### SECTION 1: Identification of the substance/mixture and of the company/undertaking

#### 1.1. Product identifier

Product form : Mixture  
Product name : **WALKER PREVENTION Dose**  
Product code : 80613  
Product group : Blend

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

##### 1.2.1. Relevant identified uses

Main use category : Industrial use, Professional use, Consumer use  
Industrial/Professional use spec : Non-dispersive use  
Used in closed systems  
Function or use category : Lubricants and additives

##### 1.2.2. Uses advised against

No additional information available

#### 1.3. Details of the supplier of the safety data sheet

SPHERETECH Europe SAS.  
Rue des Entrepreneurs, 8  
59124 Escaudain - France  
T 0032 (0)327 33 04 10 - F 0033(0)327 33 27 17  
[contact@spheretech-europe.com](mailto:contact@spheretech-europe.com)

#### 1.4. Emergency telephone number

Emergency number : +32 14 58 45 45 (NL/EN/FR/DE)

### SECTION 2: Hazards identification

#### 2.1. Classification of the substance or mixture

##### Classification according to Regulation (EC) No. 1272/2008 [CLP]

Aspiration hazard, Category 1 H304  
Hazardous to the aquatic environment — Chronic Hazard, Category 3 H412  
Full text of H statements : see section 16

#### 2.2. Label elements

##### Labelling according to Regulation (EC) No. 1272/2008 [CLP]



Hazard pictograms (CLP) :  
GHS08  
Signal word (CLP) : Danger  
Hazardous ingredients : Baseoil - unspecified  
Hazard statements (CLP) : H304 - May be fatal if swallowed and enters airways  
H412 - Harmful to aquatic life with long lasting effects  
Precautionary statements (CLP) : P101 - If medical advice is needed, have product container or label at hand  
P301+P310 - IF SWALLOWED: immediately call a POISON CENTER or doctor/physician  
P331 - Do NOT induce vomiting  
P405 - Store locked up  
P501 - Dispose of contents/container in accordance with local/regional/national/international regulations  
Child-resistant fastening : No  
Tactile warning : No

#### 2.3. Other hazards

No additional information available

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### SECTION 3: Composition/information on ingredients

#### 3.1. Substance

Not applicable

#### 3.2. Mixture

Name	Product identifier	%	Classification according to Directive 67/548/EEC	Classification according to Regulation (EC) No. 1272/2008 [CLP]
Baseoil - unspecified	(CAS No) 64742-55-8 (EC no) 265-158-7 (EC index no) 649-468-00-3	75 - 100	Not classified	Asp. Tox. 1, H304
2-Ethylhexyl nitrate	(CAS No) 27247-96-7 (EC no) 248-363-6	1 - 9,9	Xn; R20/21/22 N; R51/53 R44 R66	Acute Tox. 4 (Oral), H302 Acute Tox. 4 (Dermal), H312 Acute Tox. 4 (Inhalation), H332 Aquatic Chronic 2, H411
Hydrocarbons, C11-C13, Isoalkanes, <2% aromatics	(CAS No) 90622-58-5 (EC no) 292-460-6	1 - 4,9	Xn; R65 R66	Asp. Tox. 1, H304
Kerosine : heavy naphta solvent aromatic (D94/69 p1253) 4	(CAS No) 64742-94-5 (EC no) 265-198-5 (EC index no) 649-424-00-3	0,1 - 0,99	Xn; R65 N; R51/53 R66 R67	STOT SE 3, H336 Asp. Tox. 1, H304 Aquatic Chronic 2, H411
Methylcyclopentadienyl manganese tricarbonyl	(CAS No) 12108-13-3 (EC no) 235-166-5	0,1 - 0,24	T+; R26 T; R24/25 Xi; R38 N; R50/53	Acute Tox. 3 (Oral), H301 Acute Tox. 2 (Dermal), H310 Acute Tox. 1 (Inhalation:dust,mist), H330 Skin Irrit. 2, H315 STOT RE 1, H372 Aquatic Acute 1, H400 Aquatic Chronic 1, H410

Full text of R- and H-statements: see section 16

### SECTION 4: First aid measures

#### 4.1. Description of first aid measures

First-aid measures after inhalation : Not expected to require first aid measures.  
First-aid measures after skin contact : Wash skin with mild soap and water.  
First-aid measures after eye contact : In case of eye contact, immediately rinse with clean water for 10-15 minutes.  
First-aid measures after ingestion : Do not induce vomiting. Rinse mouth. Get immediate medical advice/attention.

#### 4.2. Most important symptoms and effects, both acute and delayed

Symptoms/injuries after inhalation : Not expected to present a significant inhalation hazard under anticipated conditions of normal use.  
Symptoms/injuries after skin contact : Not expected to present a significant skin hazard under anticipated conditions of normal use.  
Symptoms/injuries after eye contact : Not expected to present a significant eye contact hazard under anticipated conditions of normal use.  
Symptoms/injuries after ingestion : Not expected to present a significant ingestion hazard under anticipated conditions of normal use.

#### 4.3. Indication of any immediate medical attention and special treatment needed

No additional information available

### SECTION 5: Firefighting measures

#### 5.1. Extinguishing media

Suitable extinguishing media : Water fog. Foam. Powder. Dry chemical product.  
Unsuitable extinguishing media : Do not use a heavy water stream.

#### 5.2. Special hazards arising from the substance or mixture

No additional information available

#### 5.3. Advice for firefighters

Precautionary measures fire : Exercise caution when fighting any chemical fire.  
Firefighting instructions : Use water spray or fog for cooling exposed containers.  
Protection during firefighting : Do not enter fire area without proper protective equipment, including respiratory protection.

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### SECTION 6: Accidental release measures

#### 6.1. Personal precautions, protective equipment and emergency procedures

##### 6.1.1. For non-emergency personnel

Protective equipment : Wear suitable protective clothing and gloves.

##### 6.1.2. For emergency responders

Protective equipment : Wear suitable protective clothing and gloves.

#### 6.2. Environmental precautions

Prevent entry to sewers and public waters. Notify authorities if product enters sewers or public waters.

#### 6.3. Methods and material for containment and cleaning up

For containment : Impound and recover large spill by mixing it with inert granular solids.  
Methods for cleaning up : Detergent. Take up liquid spill into absorbent material sand, saw dust, kieselguhr.  
Other information : Spill area may be slippery. Use suitable disposal containers.

#### 6.4. Reference to other sections

No additional information available

### SECTION 7: Handling and storage

#### 7.1. Precautions for safe handling

Precautions for safe handling : Avoid all unnecessary exposure. Both local exhaust and general room ventilation are usually required.  
Handling temperature : < 40 °C  
Hygiene measures : Wash hands and other exposed areas with mild soap and water before eating, drinking or smoking 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.  
Special rules on packaging : Packaging destined for the general public must be fitted with child-proof closures and a tactile danger indication.

#### 7.3. Specific end use(s)

No additional information available

### SECTION 8: Exposure controls/personal protection

#### 8.1. Control parameters

2-Ethylhexyl nitrate (27247-96-7)		
EU	IOELV TWA (ppm)	1 ppm 8h
Methylcyclopentadienyl manganese tricarbonyl (12108-13-3)		
EU	IOELV TWA (mg/m³)	0,2 mg/m³ 8h (EH40 - UK - 2002 Europe) - Skin
EU	IOELV STEL (mg/m³)	0,6 mg/m³ 15 min (EH40 - UK - 2002 Europe) - Skin
Austria	MAK (mg/m³)	0,2 mg/m³
Austria	MAK Short time value (mg/m³)	0,4 mg/m³
Belgium	Limit value (mg/m³)	0,2 mg/m³
Bulgaria	OEL TWA (mg/m³)	5 mg/m³ 8h
France	VME (mg/m³)	0,2 mg/m³
Greece	OEL TWA (mg/m³)	0,2 mg/m³
Greece	OEL STEL (mg/m³)	0,6 mg/m³
Spain	VLA-ED (mg/m³)	0,2 mg/m³
United Kingdom	WEL TWA (mg/m³)	0,2 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 : Safety glasses. Gloves.

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Hand protection	: Permeation time: minimum >480min long term exposure; material / thickness [mm]: >0,35 mm. Nitrile rubber (NBR) /
Skin and body protection	: No special clothing/skin protection equipment is recommended under normal conditions of use
Respiratory protection	: In case of inadequate ventilation wear respiratory protection. Approved organic vapour respirator.



### SECTION 9: Physical and chemical properties

#### 9.1. Information on basic physical and chemical properties

Physical state	: Liquid
Appearance	: Oily liquid.
Colour	: Yellow-brown.
Odour	: Characteristic.
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	: > 110 °C @ ASTM D93
Auto-ignition temperature	: No data available
Decomposition temperature	: No data available
Flammability (solid, gas)	: No data available
Vapour pressure	: No data available
Relative vapour density at 20 °C	: No data available
Relative density	: No data available
Density	: 865 kg/m <sup>3</sup> @15°C
Solubility	: Slightly soluble, the product remains on the water surface.
Log Pow	: No data available
Viscosity, kinematic	: 9 mm <sup>2</sup> /s @ 40°C
Viscosity, dynamic	: No data available
Explosive properties	: No data available
Oxidising properties	: No data available
Explosive limits	: 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.

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### SECTION 11: Toxicological information

#### 11.1. Information on toxicological effects

Acute toxicity : Not classified

##### 2-Ethylhexyl nitrate (27247-96-7)

LD50 oral rat > 10000 mg/kg

LD50 dermal rabbit > 5000 mg/kg

##### Kerosine : heavy naphta solvent aromatic (D94/69 p1253) 4 (64742-94-5)

LD50 oral rat > 2500 mg/kg

LD50 dermal rabbit > 2000 mg/kg

##### Methylcyclopentadienyl manganese tricarbonyl (12108-13-3)

LD50 oral rat 58 mg/kg

LD50 dermal rabbit 140 mg/kg

LC50 inhalation rat (mg/l) 247 ppb 1h

##### Baseoil - unspecified (64742-55-8)

LD50 oral rat > 5000 mg/kg

LD50 dermal rabbit > 3000 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 : May be fatal if swallowed and enters airways.

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Viscosity, kinematic 9 mm<sup>2</sup>/s @ 40°C

### SECTION 12: Ecological information

#### 12.1. Toxicity

Ecology - general : Harmful to aquatic organisms, may cause long-term adverse effects in the aquatic environment.

##### Kerosine : heavy naphta solvent aromatic (D94/69 p1253) 4 (64742-94-5)

LC50 fish 1 < 10 mg/l 96h

LC50 other aquatic organisms 1 < 10 mg/l 72h (Algae)

EC50 Daphnia 1 < 10 mg/l 48h

EC50 72h algae (1) < 10 mg/l

#### 12.2. Persistence and degradability

##### WALKER REGENERATION ACTIVATOR Maintenance

Persistence and degradability Not soluble in water, so only minimally biodegradable.

##### Kerosine : heavy naphta solvent aromatic (D94/69 p1253) 4 (64742-94-5)

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

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### SECTION 13: Disposal considerations

#### 13.1. Waste treatment methods

Additional information : Dispose in a safe manner in accordance with local/national regulations.

### SECTION 14: Transport information

In accordance with ADR / RID / IMDG / IATA / ADN

#### 14.1. UN number

Not regulated for transport

#### 14.2. UN proper shipping name

Proper Shipping Name (ADR) : Not applicable

Proper Shipping Name (IMDG) : Not applicable

Proper Shipping Name (IATA) : Not applicable

Proper Shipping Name (ADN) : Not applicable

Proper Shipping Name (RID) : Not applicable

#### 14.3. Transport hazard class(es)

##### ADR

Transport hazard class(es) (ADR) : Not applicable

##### IMDG

Transport hazard class(es) (IMDG) : Not applicable

##### IATA

Transport hazard class(es) (IATA) : Not applicable

##### ADN

Transport hazard class(es) (ADN) : Not applicable

##### RID

Transport hazard class(es) (RID) : Not applicable

#### 14.4. Packing group

Packing group (ADR) : Not applicable

Packing group (IMDG) : Not applicable

Packing group (IATA) : Not applicable

Packing group (ADN) : Not applicable

Packing group (RID) : Not applicable

#### 14.5. Environmental hazards

Dangerous for the environment : No

Marine pollutant : No

Other information : No supplementary information available

#### 14.6. Special precautions for user

##### - Overland transport

No data available

##### - Transport by sea

No data available

##### - Air transport

No data available

##### - Inland waterway transport

No data available

##### - Rail transport

No data available

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

Not applicable

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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

Contains no REACH substances with Annex XVII restrictions

Contains no substance on the REACH candidate list

Contains no REACH Annex XIV substances

##### 15.1.2. National regulations

###### Germany

VwVwS Annex reference : Water hazard class (WGK) 3, severe hazard to waters (Classification according to VwVwS, Annex 4)

12th Ordinance Implementing the Federal Immission Control Act - 12.BImSchV : Is not subject of the 12. BImSchV (Hazardous Incident Ordinance)

###### Netherlands

SZW-lijst van kankerverwekkende stoffen : Kerosine : heavy naphta solvent aromatic (D94/69 p1253) 4,Hydrocarbons, C11-C13, Isoalkanes, <2% aromatics,Baseoil - unspecified are listed

SZW-lijst van mutagene stoffen : Kerosine : heavy naphta solvent aromatic (D94/69 p1253) 4,Hydrocarbons, C11-C13, Isoalkanes, <2% aromatics,Baseoil - unspecified are listed

NIET-limitatieve lijst van voor de voortplanting giftige stoffen – Borstvoeding : None of the components are listed

NIET-limitatieve lijst van voor de voortplanting giftige stoffen – Vruchtbaarheid : None of the components are listed

NIET-limitatieve lijst van voor de voortplanting giftige stoffen – Ontwikkeling : None of the components are listed

###### Denmark

Classification remarks : Emergency management guidelines for the storage of flammable liquids must be followed

Recommendations Danish Regulation : Young people below the age of 18 years are not allowed to use the product  
Pregnant/breastfeeding women working with the product must not be in direct contact with the product

#### 15.2. Chemical safety assessment

No chemical safety assessment has been carried out for the substance or the mixture by the supplier

### SECTION 16: Other information

Indication of changes:

3.2	Composition/information on ingredients	Modified	
9.1	Flash point	Modified	

Abbreviations and acronyms:

	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
	LC50: median Lethal Concentration for 50% of subjects
	EC50: concentration producing 50% effect

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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 Tox. 1 (Inhalation:dust,mist)	Acute toxicity (inhalation:dust,mist) Category 1
Acute Tox. 2 (Dermal)	Acute toxicity (dermal), Category 2
Acute Tox. 3 (Oral)	Acute toxicity (oral), Category 3
Acute Tox. 4 (Dermal)	Acute toxicity (dermal), Category 4
Acute Tox. 4 (Inhalation)	Acute toxicity (inhal.), Category 4
Acute Tox. 4 (Oral)	Acute toxicity (oral), Category 4
Aquatic Acute 1	Hazardous to the aquatic environment — Acute Hazard, Category 1
Aquatic Chronic 1	Hazardous to the aquatic environment — Chronic Hazard, Category 1
Aquatic Chronic 2	Hazardous to the aquatic environment — Chronic Hazard, Category 2
Asp. Tox. 1	Aspiration hazard, Category 1
Skin Irrit. 2	Skin corrosion/irritation, Category 2
STOT RE 1	Specific target organ toxicity — Repeated exposure, Category 1
STOT SE 3	Specific target organ toxicity — Single exposure, Category 3, Narcosis
H301	Toxic if swallowed
H302	Harmful if swallowed
H304	May be fatal if swallowed and enters airways
H310	Fatal in contact with skin
H312	Harmful in contact with skin
H315	Causes skin irritation
H330	Fatal if inhaled
H332	Harmful if inhaled
H336	May cause drowsiness or dizziness
H372	Causes damage to organs through prolonged or repeated exposure
H400	Very toxic to aquatic life
H410	Very toxic to aquatic life with long lasting effects
H411	Toxic to aquatic life with long lasting effects
H412	Harmful to aquatic life with long lasting effects
R20/21/22	Harmful by inhalation, in contact with skin and if swallowed
R24/25	Toxic in contact with skin and if swallowed
R26	Very toxic by inhalation
R38	Irritating to skin
R44	Risk of explosion if heated under confinement
R50/53	Very toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment
R51/53	Toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment
R65	Harmful: may cause lung damage if swallowed
R66	Repeated exposure may cause skin dryness or cracking
R67	Vapours may cause drowsiness and dizziness
N	Dangerous for the environment
T	Toxic
T+	Very toxic
Xi	Irritant
Xn	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*