

Material Safety Data Sheet

Completed 12-12-2014
Revision: (date) 07-06-2022
SDS version 1.7

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

1.1. Product Identifier

Trade Name: Motorrens
Product- no.: -

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

Recommended uses:

Degreaser to remove oil, grease, tar and asphalt.

Uses advised against:

This product must not be used for purposes other than those recommended without first seeking the advice of the supplier.

1.3. Details of the supplier of the safety data sheet

Company and address:

Carl Jensens Marinelager Aps
Olfert Fischersvej 8
DK- 9850 Hirtshals
Tlf: + 45 98 94 11 29

Contact person and E-mail:

Jakup Jacobsen, jimj@carljensens.dk

The Safety data sheet is completed and validated by:

Mediator A/S, Centervej 2, DK-6000 Kolding. Consultant: KN

1.4. Emergency telephone number

NHS: 111

Use your national or local emergency number - See section 4 "First aid measures".

SECTION 2: Hazards identification

2.1. Classification of the substance or mixture

CLP (1272/2008):
Flam. Liq. 3;H226
Asp. Tox. 1;H304
Eye Dam. 1;H318
STOT SE 3;H336
STOT RE 1;H372
Aquatic Chronic 2;H411

See full text of H-phrases in section 16.

2.2. Label elements



Signal word:

Danger

Flammable liquid and vapour. (H226)
May be fatal if swallowed and enters airways. (H304)
Causes serious eye damage. (H318)
May cause drowsiness or dizziness. (H336)
Causes damage to organs through prolonged or repeated exposure. (H372)
Toxic to aquatic life with long lasting effects. (H411)

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Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking. (P210)

Avoid breathing dust/fume/gas/mist/vapours/spray. (P261)

Avoid release to the environment. (P273)

Wear protective gloves/protective clothing/eye protection/face protection. (P280)

IF SWALLOWED: Rinse mouth. Do NOT induce vomiting. (P301 + P330 + P331)

IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Immediately call a POISON CENTER/doctor. (P305 + P351 + P338 + P310)

2.3. Other hazards

The product contains organic solvents. Repeated exposure to organic solvents may cause damage to the central nervous system and internal organs fx. liver and kidney.

Additional labelling:

-

Additional warnings

The product does not meet the criteria for PBT or vPvB.

SECTION 3: Composition/information on ingredients

3.1.3.2. Substances/Mixtures

Substance	EU-Index no. / REACH-Reg. no.	CAS-no.	EINECS-no.	CLP-classification	Wt/Wt %	Note
Hydrocarbons, C9-C12, n-alkanes, isoalkanes, cyclics, aromatics (2-25%)	- / 01-2119473977-17-xxxx	-	919-446-0	Flam. Liq. 3;H226, Aps Tox. 1;H304, STOT SE 3;H336, STOT RE 1;H372, Aquatic Chronic 2;H411	>80	-
Xylene	601-022-00-9 / -	1330-20-7	215-535-7	Flam. Liq. 3;H226, Acute Tox. 4;H312, H332, Skin Irrit. 2;H315	1-5	1
N-N-bis(2-hydroxyethyl)-(Z)-9-octadecenamide	- / -	26635-93-8	500-048-7	Acute Tox. 4;H302, Skin Irrit. 2;H315, Eye Dam. 1;H318, Aquatic Acute 1;H400, M=1, Aquatic Chronic 1;H410, M=1	1-5	-

1) The substance is an organic solvent.

See full text of H-phrases in section 16.

SECTION 4: First aid measures

4.1. Description of first aid measures

Inhalation:

In case of discomfort: Seek fresh air.

Seek medical advice in case of persistent discomfort.

Ingestion:

Wash out mouth thoroughly and drink 1-2 glasses of water in small sips.

Do not induce vomiting.

If vomiting occurs, keep head low so that stomach contents do not enter lungs.

Seek medical advice immediately.

Skin contact:

Remove contaminated clothing.

Wash skin with soap and water.

Seek medical advice in case of discomfort.

Eye contact:

Open eye wide, remove any contact lenses and flush immediately with water (preferably using eye wash equipment). Seek medical advice immediately. Continue flushing until medical attention is obtained.

Additional information:

When obtaining medical advice, show the safety data sheet or label.

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

May cause chemical pneumonia if ingested or vomited.

Symptoms of chemical pneumonia can appear after several hours. People who have swallowed the product should therefore be kept under medical attention for at least 48 hours.

Irritation effects: This product contains substances which cause irritation to skin and eyes, or when inhaled. Contact with locally irritative substances can cause the area of contact to be more prone to absorb damaging substances such as allergens.

Causes serious eye damage.

May cause drowsiness or dizziness.

Causes damage to organs through prolonged or repeated exposure.

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

Show this safety data sheet to the doctor in attendance.

SECTION 5: Firefighting measures

5.1. Extinguishing media

Extinguish with powder, foam, carbon dioxide or water mist.

Do not use water stream, as it may spread the fire.

5.2. Special hazards arising from the substance or mixture

The product is not directly flammable. Avoid inhalation of vapour and fumes – seek fresh air.

Hazardous fumes are formed in fire conditions.

5.3. Advice for firefighters

Send contaminated extinguishing water for destruction.

If there is a risk of exposure to vapour and flue gases, a self-contained breathing apparatus must be worn.

SECTION 6: Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures

See section 8 for type of protective equipment.

Avoid breathing and contact with skin and eyes.

6.2. Environmental precautions

Notify proper authorities in case of contamination of soil or aquatic environment or discharge to drains.

Prevent spillage from entering drains and/or surface water.

6.3. Methods and material for containment and cleaning up

Contain and absorb spill with sand or other absorbent, non-combustible material and transfer to suitable waste containers.

Wipe up minor spills with a cloth.

6.4. Reference to other sections

See section 8 for type of protective equipment.

See section 13 for instructions on disposal.

SECTION 7: Handling and storage

7.1. Precautions for safe handling

See section 8 for information about precautions for use and personal protective equipment.

Use the product under well-ventilated conditions.

Running water and eye wash equipment must be available.

7.2. Conditions for safe storage, including any incompatibilities

The product should be stored safely, out of reach of children and away from food, animal feeding stuffs, medicines, etc.

Store in a dry, cool, well-ventilated area.

Store fireproof. Storage for flammable liquids must follow local regulations for flammable stock.

7.3. Specific end use(s)

See application section 1.

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SECTION 8: Exposure controls/personal protection

8.1. Control parameters

Occupational exposure limits according to EH40/2005 Workplace exposure limits (Fourth Edition 2020):

Substance	Long-term exposure limit ppm / mg/m ³	Short-term exposure limit ppm / mg/m ³	Note
Xylene			Sk, BMGV

Sk = Can be absorbed through the skin.

BMGV = Biological monitoring guidance values.

DNEL/PNEC-values:

DNEL Xylene

	Workers	Consumers
Inhalation - Chronic Systemic	221 mg/m ³	65.3 mg/m ³
Inhalation - Acute Systemic	442 mg/m ³	260 mg/m ³
Inhalation - Chronic Local	221 mg/m ³	65.3 mg/m ³
Inhalation - Acute Local	442 mg/m ³	260 mg/m ³
Dermal - Chronic Systemic	212 mg/kg bw/day	125 mg/kg bw/day
Oral - Chronic Systemic	-	12.5 mg/kg bw/day
Oral - Acute Systemic	-	12.5 mg/kg bw/day

PNEC Xylene

Fresh water	0.327 mg/L
Intermittent releases (Fresh water)	0.327 mg/L
Marine water	0.327 mg/L
Soil	2.31 mg/kg soil dw

8.2. Exposure controls

There are no exposure scenarios for this product.

Appropriate engineering controls:

Wear the personal protective equipment specified below.

Wash hands before breaks, before using restroom facilities, and at the end of work.

Do not eat, drink or smoke when using this product.

Personal protective equipment:



Respiratory protection:

Generally not required.

In case of insufficient ventilation, wear respiratory protective equipment with filter A2/P2.

Hand protection:

Wear protective gloves made of nitrile rubber.

Eye/face protection:

Wear safety goggles/face protection.

Skin protection:

Special work clothing should be used.

Environmental exposure controls:

Ensure compliance with local regulations for emissions.

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SECTION 9: Physical and chemical properties

9.1. Information on basic physical and chemical properties

Physical state:	Liquid
Colour:	Weak brown
Odour:	-
Melting point/ Freezing Point (°C):	-
Boiling point or initial boiling point and boiling range (°C):	-
Flammability:	-
Lower and upper explosion limit (vol-%):	0.6 - 7.0
Flash point (°C):	25
Auto-ignition temperature (°C):	-
Decomposition temperature (°C):	-
pH:	-
Kinematic viscosity (mm ² /s):	-
Solubility:	Not soluble in water
Partition coefficient n-octanol/water (log value)	-
Vapour pressure:	-
Density and/or relative density:	1.1
Relative vapour density:	-
Particle characteristics:	-

9.2. Other information

None.

SECTION 10: Stability and reactivity

10.1. Reactivity

No data.

10.2. Chemical stability

The product is stable when used in accordance with the supplier's directions.

10.3. Possibility of hazardous reactions

None known.

10.4. Conditions to avoid

Avoid heating and contact with ignition sources.

10.5. Incompatible materials

None known.

10.6. Hazardous decomposition products

No special precautions regarding contact with other materials at the recommended storage conditions.

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SECTION 11: Toxicological information

11.1. Information on hazard classes as defined in Regulation (EC) No 1272/2008

Acute toxicity:

Based on the existing data, the classification is not met.

Substance	exposure	Species	Test	Result
Hydrocarbons, C9-C12, n-alkanes, isoalkanes, cyclics, aromatics (2-25%)	Oral	Rat	LD50	> 15000 mg/kg bw
Hydrocarbons, C9-C12, n-alkanes, isoalkanes, cyclics, aromatics (2-25%)	Inhalation	Rat	LC50/ 4 Hours	> 8,2 mg/L air (nominal)
Hydrocarbons, C9-C12, n-alkanes, isoalkanes, cyclics, aromatics (2-25%)	Dermal	Rat	LD50	> 4 mL/kg bw
Xylene	Oral	Rat	LD50	3523 mg/kg bw
Xylene	Inhalation	Rat	LC50/ 4 Hours	6350 ppm

Skin corrosion/irritation:

May irritate the skin – may cause reddening.

Can be absorbed through the skin causing symptoms such as dizziness and headache.

Serious eye damage/irritation:

Causes serious eye damage.

Respiratory or skin sensitisation:

Based on the existing data, the classification is not met.

Germ cell mutagenicity:

Based on the existing data, the classification is not met.

Carcinogenicity:

Based on the existing data, the classification is not met.

Reproductive toxicity:

Based on the existing data, the classification is not met.

STOT-single exposure:

The product releases organic solvent vapours which may cause lethargy and dizziness. At high concentrations, the vapours may cause headache and intoxication.

STOT-repeated exposure:

Causes damage to organs through prolonged or repeated exposure.

Aspiration hazard:

May cause chemical pneumonia if ingested or vomited.

11.2. Information on other hazards

Test data are not available.

SECTION 12: Ecological information

12.1. Toxicity

Substance	Test duration	Species	Test	Result
No data.	-	-	-	-

12.2. Persistence and degradability

Substance	Biodegradability	Test	Result
Hydrocarbons, C9-C12, n-alkanes, isoalkanes, cyclics, aromatics (2-25%)	Yes	OECD Guideline 301 F	28 Days 74,7%
Xylene	Yes	OECD Guideline 301 F	28 Days 98%

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12.3. Bioaccumulative potential

Substance	Potential bioaccumulation	LogPow
Xylene	Yes	-1.7

12.4. Mobility in soil

Test data are not available.

12.5. Results of PBT and vPvB assessment

The product does not meet the criteria for PBT or vPvB.

12.6. Endocrine disrupting properties

Test data are not available.

12.7. Other adverse effects

Toxic to aquatic life with long lasting effects.

SECTION 13: Disposal considerations

13.1. Waste treatment methods

The product is covered by the regulations on dangerous waste.

EWC-Code	Description
14 06 03	Other solvents and solvent mixtures

Specific labelling:

-

Contaminated packaging:

Empty packaging and residues must be disposed of through the municipal waste collection service for hazardous waste.

SECTION 14: Transport information

The product is covered by the rules for transport of dangerous goods.

14.1 -14.4.

ADR

14.1. UN number or ID number	14.2. UN proper shipping name	14.3. Transport hazard class(es)	14.4. Packing group
1993	FLAMMABLE LIQUID, N.O.S. (Hydrocarbons, C9-C12, n-alkanes, isoalkanes, cyclics, aromatics (2-25%))	3	III

IMDG/IATA

14.1. UN number or ID number	14.2. UN proper shipping name	14.3. Transport hazard class(es)	14.4. Packing group
1993	FLAMMABLE LIQUID, N.O.S. (Hydrocarbons, C9-C12, n-alkanes, isoalkanes, cyclics, aromatics (2-25%))	3	III

14.5. Environmental hazards

If the quantity transported exceeds 5 kg or litre must be labelled with an environmental hazard.

14.6. Special precautions for user

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14.7. Maritime transport in bulk according to IMO instruments

Not relevant.

SECTION 15: Regulatory information

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

Sources:

EH40/2005 Workplace exposure limits (Fourth Edition 2020).

Additional labelling:

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Declaration in accordance to the EU regulation no. 648/2004:

30% and more:

Aromatic hydrocarbons

5% or over but less than 15%:

Non-ionic surfactants

Restrictions for application:

Special care should be applied for employees under the age of 18. Young people under the age of 18 may not carry out any work causing harmful exposure to this product. Young people above 15 years are exempted this rule, if the product is a part of an education/training. Special care should be applied for pregnant and lactating women.

Demands for specific education:

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15.2. Chemical safety assessment

None.

SECTION 16: Other information

According to EU regulation 1907/2006 (REACH)

Other information:

Sources:

EC regulation 1907/2006 (REACH), with amendments.

EC Regulation 1272/2008 (CLP), with amendments.

EU regulation no. 276/2010

Directive 2000/532/EC

ECHA - The European Chemicals Agency

Full text of H-phrases as mentioned in section 2+3:

H226	Flammable liquid and vapour.
H304	May be fatal if swallowed and enters airways.
H312	Harmful in contact with skin.
H315	Causes skin irritation.
H318	Causes serious eye damage.
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.

Classification according to Regulation (EC) Nr. 1272/2008:

Flam. Liq. 3;H226	On basis of test data
Asp. Tox. 1;H304	Calculation method
Eye Dam. 1;H318	Calculation method
STOT SE 3;H336	Calculation method
STOT RE 1;H372	Calculation method
Aquatic Chronic 2;H411	Calculation method

Abbreviations and acronyms used in the safety data sheet:

REACH: Registration, Evaluation, Authorisation and Restriction of Chemicals. Regulation (EC) No 1907/2006.

CLP: Classification Labelling Packaging Regulation; Regulation (EC) No 1272/2008.

CAS-Number.: Chemical Abstracts Service number.

EC-Number.: EINECS and ELINCS Number (see also EINECS and ELINCS).

DNEL: Derived No Effect Level.

PNEC(s): Predicted No Effect Concentration(s).

STOT: Specific Target Organ Toxicity.

LD50: Lethal Dose to 50% of a test population (Median Lethal Dose).

LC50: Lethal Concentration to 50 % of a test population.

EC50: The effective concentration of substance that causes 50% of the maximum response.

PBT: Persistent, Bioaccumulative and Toxic.

vPvB: Very Persistent and Very Bioaccumulative.

NOEC: The highest tested concentration at which, in a study, no statistically significant effect is observed in the exposed population compared with an appropriate control group.

NOAEL: The highest tested dose or exposure level at which there are no statistically significant increases in the frequency or severity of adverse effects between the exposed population and an appropriate control group; some effects may be produced at this level, but they are not considered adverse or precursors of adverse effects.

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Other:

The information in this safety data sheet applies only to this specific product (mentioned in section 1) and is not necessarily correct for use with other chemicals/products.

Minor changes have been made in following sections:

General update.

This material safety data sheet replaces version:

1.6