

Sicherheitsdatenblatt gemäß Verordnung (EG) 2015/830

Version 2.1, Datum: 24.06.2024

Vorherige Version: 2.0.; 30.06.2021

Erste Version: 12.08.2013

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1. IDENTIFICATION OF THE SUBSTANCE/MIXTURE AND OF THE COMPANY/UNDERTAKING

Trade Name	2-Stroke Power-Mix
Supplier	Wagner Spezialschmierstoffe GmbH & Co. KG Speckbrodi 8, D – 86759 Wechingen Tel. +49 (0)9085-96009-0 E-mail: wagner@wagner-german-oil.com www.wagner-german-oil.com
Responsible Division	Product Safety Tel. +49 9085-96009-10
Emergency Telephone	Tel. +49 (0)9085 96009-0 (8:30 - 16:30) (Deutschland)
Information Centre Specialising in Symptoms of Poisoning	+43 1 406 43 43 (Österreich)

1.1 Relevant identified uses of the substance or mixture and uses advised against

Use: Fuel additive

2. HAZARDS IDENTIFICATION

2.1 Classification of the substance or mixture

Classification and labelling according to Directive 1272/2008/EC

Asp. Tox. 1 / Skin Corr. 1B / Skin Sens. 1 / Aquatic Chronic 2

Classification and labelling according to Directive 1272/2008/EC

Harmful to environment / Irritating / Sensitizing / Harmful

2.2 Label elements

Classification according to 1272/2008/EC: Yes.

Applicable Exemptions: No.

Signal word(s): Danger

Component(s): contains: Solvent Naphta (mineral oil)

H - Phrases:

H 314: Causes severe skin burns and eye damage.

H 317: May cause an allergic skin reaction.

H 304: May be fatal if swallowed and enters airways.

H 411: Toxic to aquatic life with long lasting effects.

P - Phrases:

P102: Keep out of reach of children.

P301+P310: IF SWALLOWED: Immediately call a POISON CENTER/doctor.

P405: Store locked up.

P331: Do NOT induce vomiting.

P280: Wear protective gloves/protective clothing/eye protection/face protection.

P405: Store locked up.

P260: Do not breathe vapours.

P262: Do not get in eyes, on skin, or on clothing.

P280: Wear protective gloves/protective clothing/eye protection/face protection.

P501: Dispose of contents/container to special waste collection point.

Additional Markings:

Tactile warning of danger, child resistant fastenings.

Classification according to (CE) 1999/45: Yes.

Applicable Exemptions: No.

Signal word(s): Harmful to health and environment

R - Phrases:

R36/38: Causes eye and skin irritation.

R43: May cause sensitization by skin contact.

R51/53: Toxic to aquatic life, with long lasting effects.

R65: Harmful: may cause lung damage if swallowed.

S - Phrases:

S 2: Keep out of reach of children.

S 24/25 – Avoid contact with skin and eyes.

S 29/56 - Do not empty into drains. Dispose of contents/container to special waste collection point.

S 37: Wear suitable protective gloves.

Hazard pictogram(s):



Hazard pictogram(s):



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S 62: Do not induce vomiting if swallowed. Get medical advice immediately and show packing or this label.

S 23: Do not breathe vapour.

Additional markings:

Tactile warning of danger, child resistant fastenings.

The above labeling applies to sales to private end users / commercial users.

2.3 Other hazards

May be fatal if swallowed.

Repeated or prolonged exposition can cause skin irritation and dermatitis, due to degreasing properties of the product.

3. COMPOSITION/INFORMATION ON INGREDIENTS

3.1 Substances

Harmful substances:

3.2 Mixtures

Chemical Characterisation: Preparation: Petroleum distillate.

Dangerous Ingredients:

CAS - No.	Index - No.	CE - No.	Name	m% - range	Symbol	R / H - Phrases
8008-20-6	649-404-00-4	232-366-4	Kerosene (mineral oil)	1 - 10%	Xn GHS08 GHS02	R 10-65 H304 H226
64742-47-8	649-422-00-2	265-149-8	Distillates (mineral oil), hydrotreated light	1 - 5%	Xn, N GHS08 GHS09 GHS07	R 51/53-65-66-67 H304 H336 H411 EUH066
95-63-6	601-043-00-3	202-436-9	1,2,4- trimethylbenzene	0,1 - 1%	Xn, N GHS02 GHS07 GHS09	R 10-20-36/37/38- 51/53 H226 H332 H319 H335 H315 H411
n.v.	n.v.	n.v.	Potassium salt of a carboxylic acid	10 - 20%	Xi GHS07	R 36/38-52 H315 H319 H412
64742-94-5	649-424-00-3	265-198-5	Solvent naphtha (mineral oil), heavy arom. Nota H4	10 - 20%	Xn, N GHS08 GHS09 GHS07	R 51/53-65-66-67 H304 H336 H411 EUH066
64742-95-6	649-356-00-4	265-199-0	Solvent naphtha (mineral oil), light arom.	1 - 5%	Xn, N GHS07 GHS02 GHS09	R 10-20-36/37/38- 51/53 H226 H332 H315 H319 H335 H411

Text of R-/H- phrases: see section 16

4. FIRST AID MEASURES

4.1 Description of first aid measures

Inhalation

Move to fresh air in case of accidental inhalation of vapours or decomposition products. If symptoms persist, consult a physician.

Skin Contact

Wash off with warm water and soap. Remove and wash contaminated clothing before re-use. Consult a doctor if skin irritation or allergic reactions occur.

Eye Contact

In case of eye contact, remove contact lens and rinse immediately with plenty of water, also under the eyelids, for at least 15 minutes. If eye irritation persists, consult a specialist.

Ingestion

Call a physician immediately. Do not induce vomiting. Rinse mouth.

4.2 Most important symptoms and effects, both acute and delayed

Symptoms of overexposure may be headache, dizziness, tiredness, nausea and vomiting. Aspiration may cause pulmonary oedema and pneumonitis.

4.3 Indication of any immediate medical attention and special treatment needed

Smallest quantities reaching the lungs through swallowing or subsequent vomiting may result in lung oedema or pneumonia. Later control for pneumonia and lung oedema. Treat symptomatically.

5. FIREFIGHTING MEASURES

5.1 Extinguishing media

5.1.1 Suitable Extinguishing Media

Use dry chemical, CO₂, water spray or "alcohol" foam.

5.1.2 Extinguishing Media to Avoid

High volume water jet.

5.2 Special hazards arising from the substance or mixture

In the event of fire, the following can be released: Carbon oxides, nitrogen oxides (NO_x), sulphur oxides.

5.3 Advice for firefighters

5.3.1 Special Protective Equipment

Wear positive pressure self-contained breathing apparatus. Wear full protective clothing.

5.3.2 Additional Information

In the event of fire, cool tanks with water spray. Fire residues and contaminated fire extinguishing water must be disposed of in accordance with local regulations.

6. ACCIDENTAL RELEASE MEASURES

6.1 Personal precautions, protective equipment and emergency procedures

See chapter 8.2.2

Contaminated surfaces will be extremely slippery.

6.2 Environmental precautions

Do not flush into surface water or sanitary sewer system. Do not allow material to contaminate ground water system. Local authorities should be advised if significant spillages cannot be contained.

6.3 Methods and material for containment and cleaning up

Prevent spreading over a wide area (e.g. by containment or oil barriers). Soak up with oil absorbent material. Shovel into suitable container for disposal.

6.4 Reference to other sections

None.

7. HANDLING AND STORAGE

7.1 Precautions for safe handling

Precautions for Safe Handling

Avoid contact with skin and eyes. Remove and wash contaminated clothing before re-use. When using, do not eat, drink or smoke. Wash hands before breaks and at the end of workday. Do not port contaminated cleaning rags in pockets. Contaminated equipment (brushes, rags) must be cleaned immediately with water. Do not breathe vapours or spray mist.

Precautions in Case of Fire and Explosion

Keep away from sources of ignition - No smoking. Do not use sparking tools. Take measures to prevent the build-up of electrostatic charge. Do not burn, or use a cutting torch on, the empty drum.

7.2 Conditions for safe storage, including any incompatibilities

Storage Instructions

Keep containers tightly closed in a dry, cool and well-ventilated place. Store in original container. Keep away from heat. Keep away from direct sunlight. Use only in well-ventilated rooms.

Store away from

Do not store together with oxidizing agents, strong acids and strong bases.

Further Information on Storage Conditions

Avoid subsoil penetration.

7.3 Specific end use(s)

n.av.

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

8.1 Control parameters

Material	Limit Value
1,2,4-trimethylbenzene	20 ppm 100 mg/m ³ , TWA: 20 ppm 100 mg/m ³

8.2 Exposure controls

Appropriate engineering controls

Provide appropriate exhaust ventilation at machinery.

8.3 Individual protection measures

Respiratory Protection	Breathing apparatus needed only when aerosol or mist is formed. Respirator with filter A2P2.
Hand Protection	Apply protective skin cream before handling the product. Protective gloves according to EN 374 (PVC, PVA). As the product is a preparation of several substances, the resistance of the glove material cannot be calculated in advance and must therefore be checked before use. Please observe the instructions regarding permeability and breakthrough time which are provided by the supplier of the gloves. Also take into consideration the specific local conditions under which the product is used, such as mechanical load, contact time.
Eye Protection	Safety glasses
Skin Protection	Long sleeved clothing
Further Information	Observe wearing time limits.

8.3 Environmental exposure controls

Do not allow material to contaminate ground water system. Do not flush into surface water or sanitary sewer system.

9. PHYSICAL AND CHEMICAL PROPERTIES

9.1 Information on basic physical and chemical properties

Form	Viscous liquid
Colour	Light-yellow
Odour	Characteristic
Odour threshold	n.av.
pH-value, undiluted	n.ap.
pH-value, 1% aqueous solution	n.ap.
Boiling point / Boiling range (°C)	n.av.
Melting point / Melting range (°C)	n.av.
Flash point (°C)	> 65, closed cup
Flammability (EEC A10/A13)	n.av.
Ignition temperature (°C)	n.av.
Autoflammability (EEC A16)	None.
Oxidising properties	None
Explosion hazard	None
Explosion limits (Vol.%)	
lower	n.av.
upper	n.av.
Vapour pressure/Vapour density (Air = 1)	n.av./n.av.
Density (g/ml)	0.91
Solubility in water	practically insoluble
Partition coefficient, n-Octanol / Water	n.av.
Viscosity	10.38 mm ² /s (20°C)
Solvent content (m%)	Not relevant
Thermal decomposition (°C)	n.av.
Evaporation rate	n.av.

9.2 Other information

n.av.

10. STABILITY AND REACTIVITY

10.1 Reactivity

None.

10.2 Chemical stability

Stable under normal conditions.

10.3 Possibility of hazardous reactions

No hazardous reactions under normal use.

10.4 Conditions to avoid

Protect from frost, heat and sunlight.

10.5 Incompatible materials

Incompatible with oxidizing agents, reducing agents.

10.6 Hazardous decomposition products

No decomposition if stored and applied as directed. To avoid thermal decomposition, do not overheat.

11. TOXICOLOGICAL INFORMATION

11.1 Information on toxicological effects

Substances

n.av.

Mixtures

Acute toxicity

Inhalation

n.av.

Ingestion

n.av.

Skin Contact

n.av.

Corrosion / irritation (skin/eye)

Causes corrosion. Danger of serious eye damage

Sensitisation

Risk of sensitisation after skin contact.

Carcinogenicity

n.av.

Mutagenicity

n.av.

Reproductive toxicity

n.av.

Narcotic effect

n.av.

Practical Experience:

n.av.

11.2 Practical Experience

Observations relevant for classification

None.

Further observations

Repeated or prolonged exposition can cause skin irritation and dermatitis, due to degreasing properties of the product.

Classification of the preparation has been done by calculation.

12. ECOLOGICAL INFORMATION

12.1 Toxicity

We have no quantitative data concerning the ecological effects of this product.

Toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment.

12.2 Persistence and degradability

Not readily biodegradable. Potentially biodegradable. The product is poorly water soluble. It can be eliminated from the water through abiotic processes.

12.3 Bioaccumulative potential

n.av.

12.4 Mobility in soil

n.av.

12.5 Results of PBT and vPvB assessment

n.av.

12.6 Other adverse effects

COD-Value, mg/g	n.av.
BOD5-Value, mg/g	n.av.
AOX remarks	Not applicable.
Significant components	1,2,4-trimethylbenzene, solvent naphta
Other adverse effects	Not applicable.

13. DISPOSAL CONSIDERATIONS

13.1 Waste treatment methods

Recommendation: Waste - Code - No.

The Waste code should be assigned in discussion between the user, the producer and the waste disposal company.
In addition, comply with the regional authorities.

13.2 Contaminated Packaging


Recommendation

Wash with suitable cleaner. Otherwise as described under Residues.

Safe Handling

As described under Residues.

14. TRANSPORT INFORMATION

14.1	ADR UN Number	IMDG	IATA
	2735	2735	2735
14.2	UN proper shipping name		
	UN 2735 amines, liquid, corrosive, n.o.s.	Amines, liquid, corrosive, n.o.s	Amines, liquid, corrosive, n.o.s
14.3	Transport hazard class(es)		
	8 	8 Corrosive & Marine pollutant	8 Corrosive & Environmentally Hazardous
14.4	Packing group		
	II	II	II
14.5	Environmental hazards		
		Yes.	
14.6	Special precautions for user		
	Transport-category: 2 Classification Code: C7 Hazard - No.: 80 LQ: 1 L	F-A, S-B	Packing Instructions (Passenger) 851 Packing Instructions (Cargo) 855
14.7	Transport in bulk according to Annex II of MARPOL73/78 and the IBC Code		
		n.av	

15. REGULATORY INFORMATION

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

Information about limitation of use

Employment restrictions concerning young persons must be observed.

Employment restrictions concerning women of child-bearing age must be observed.

Observe retention obligation according to § 8 (6) Ordinance on Hazardous Substances

Yes.

Decree to be applied in case of technical fault

Yes.

Technical instructions air

Class Sec. Range m%
5.2.5

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Water hazard class

2; Classification according to VwVwS

Storage class

10

Observe regulations of TRGS 510

No.

Observe regulations of TRG 300

No.

Observe regulations of WRMG

No.

Observe other regulations

Waste Oils Regulation

15.2 Chemical safety assessment

a.ap.

16. OTHER INFORMATION

Text of R/H phases mentioned in Section 3

R 10: Flammable.

R 20: Harmful if inhaled.

R 21/22: Harmful by skin contact and if swallowed.

R 34: Causes corrosion.

R 36/37/38: Causes irritation eyes, aspiratory system and skin.

R36/38: Causes eye and skin irritation.

R43: May cause sensitization by skin contact.

R51/53: Toxic to aquatic life, with long lasting effects.

R 52: Harmful to aquatic life.

R65: Harmful: may cause lung damage if swallowed.

R 66: Repeated exposure may cause skin dryness or cracking.

R 67: Vapours may cause drowsiness and dizziness.

EUH066: Repeated exposure may cause skin dryness or cracking.

H 226: Flammable liquid and vapour.

H 302: Harmful if swallowed.

H 304: May be fatal if swallowed and enters airways.

H 312: Harmful in contact with skin.

H 314: Causes severe skin burns and eye damage.

H 315: Causes skin irritation.

H 317: May cause an allergic skin reaction.

H 319: Causes serious eye irritation.

H 332: Harmful if inhaled.

H 335: May cause respiratory irritation.

H 336: May cause drowsiness or dizziness..

H 411: Toxic to aquatic life with long lasting effects.

H 412: Harmful to aquatic life with long lasting effects.

The statements in this Material Safety Data Sheet were made to the best of our knowledge and are as accurate as possible. They are given for information only. They do not constitute a contractual guarantee of a product's properties. They must neither be altered nor transferred to other products.

Issued by

Product Safety Division

Issued on

August 12, 2013