

according to Regulation (EC) No. 1907/2006 (REACH) and Regulation (EU) No. 2015/830

Revision date: 16/8/2019 Version: 3 Language: en-GB,IE Date of print: 10/6/2020

TUNE YOUR PARTS

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

1.1 Product identifier

Trade name: TUNE YOUR PARTS

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

General use: Lubricating agent

1.3 Details of the supplier of the safety data sheet

Company name: SKS metaplast Scheffer-Klute GmbH

Street/POB-No.: Zur Hubertushalle 4
Postal Code, city: 59846 Sundern

 WWW:
 www.sks-germany.com

 E-mail:
 sales@sks-germany.com

 Telephone:
 +49 (0)2933 831-107

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 +49 (0)2933 831-210

Department responsible for information:

E-mail: sales@sks-germany.com, Telephone: +49 (0) 2933 / 831-0

1.4 Emergency telephone number

Telephone: 844 892 0111 (UK National Poisons Information Service (NPIS))

SECTION 2: Hazards identification

2.1 Classification of the substance or mixture

Classification according to EC regulation 1272/2008 (CLP)

Aerosol 1; H222; H229 Extremely flammable aerosol. Pressurised container: May burst if heated.

Eye Irrit. 2; H319 Causes serious eye irritation.

Asp. Tox. 1; H304 May be fatal if swallowed and enters airways.

(EUH066) Repeated exposure may cause skin dryness or cracking.

2.2 Label elements

Labelling (CLP)



Signal word: Danger

Hazard statements: H222 Extremely flammable aerosol.

H229 Pressurised container: May burst if heated.

H319 Causes serious eye irritation.

EUH066 Repeated exposure may cause skin dryness or cracking.



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Precautionary Statements:

P101 If medical advice is needed, have product container or label at hand.

P102 Keep out of reach of children.

P210 Keep away from heat, hot surfaces, sparks, open flames and other ignition

sources. No smoking.

Do not spray on an open flame or other ignition source.

Do not pierce or burn, even after use.

P264 Wash hands and face thoroughly after handling.

P305+P351+P338

IF IN EYES: Rinse cautiously with water for several minutes. Remove contact

lenses, if present and easy to do. Continue rinsing.

P337+P313 If eye irritation persists: Get medical advice/attention.

P410+P412 Protect from sunlight. Do not expose to temperatures exceeding 50 °C/122 °F.

2.3 Other hazards

Potentially explosive mixtures may form if adequate ventilation is not provided. Inhaling can lead to irritations of the respiratory tract and mucous membrane. Higher doses may lead to a narcotic effect.

Results of PBT and vPvB assessment:

No data available

SECTION 3: Composition / information on ingredients

3.1 Substances: not applicable

3.2 Mixtures

Chemical characterisation:

Mixture of the substances listed below with non-hazardous additions



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Hazardous ingredients:

Ingredient	Designation	Content	Classification
REACH 01-2119456620-43-xxxx EC No. 926-141-6	Hydrocarbons, C11-C14, n-alkanes, isoalkanes, cyclics, <2% aromatics	>= 30 %	Asp. Tox. 1; H304. (EUH066).
REACH 01-2119488991-20-xxxx EC No. 203-749-3 CAS 110-25-8	(Z)-N-methyl-N-(1-oxo-9-octadecenyl)glycine	1 - 5 %	Acute Tox. 4; H332. Skin Irrit. 2; H315. Eye Dam. 1; H318. Aquatic Acute 1; H400 (M-factor = 1).
EC No. 279-632-6 CAS 80939-62-4	Amines, C11-14-branched alkyl, monohexyl and dihexyl phosphates	< 5 %	Skin Irrit. 2; H315. Eye Irrit. 2; H319. Aquatic Chronic 2; H411.
CAS 9046-09-7	Polyoxyethylen- (tributylphenyl)-ether	< 5 %	Skin Irrit. 2; H315. Eye Irrit. 2; H319. Aquatic Chronic 2; H411.
REACH 01-2119493635-27-xxxx EC No. 272-028-3 CAS 68649-42-3	Phosphorodithioic acid, O,O-di-C1-14-alkyl esters, zinc salts	< 5 %	Skin Irrit. 2; H315. Eye Dam. 1; H318. Aquatic Chronic 2; H411.
EC No. 203-448-7 CAS 106-97-8	n-Butane (<0,01% 1,3-Butadiene)	15 - 30 %	Flam. Gas 1; H220. Press. Gas (Comp.); H280.
EC No. 200-827-9 CAS 74-98-6	Propane	5 - 15 %	Flam. Gas 1; H220. Press. Gas (Comp.); H280.

Full text of H- and EUH-statements: see section 16.

SECTION 4: First aid measures

4.1 Description of first aid measures

General information: If medical advice is needed, have product container or label at hand.

IF exposed or concerned: Get medical advice/attention. First aider: Pay attention to

self-protection!

Take off contaminated clothing and wash it before reuse.

In case of inhalation: If breathing is difficult, remove victim to fresh air and keep at rest in a position

comfortable for breathing. Seek medical attention if problems persist.

Following skin contact: Immediately clean with water and soap followed by thorough rinsing. In case of skin

reactions, consult a physician.

After eye contact: Immediately flush eyes with plenty of flowing water for 10 to 15 minutes holding eyelids

apart.

Remove contact lenses, if present and easy to do. Continue rinsing. Subsequently

consult an ophthalmologist.

After swallowing: Do not induce vomiting. Never give anything by mouth to an unconscious person. Rinse

mouth and seek medical attention immediately.

4.2 Most important symptoms and effects, both acute and delayed

Causes serious eye irritation. Inhaling can lead to irritations of the respiratory tract and mucous membrane.

Higher doses may lead to a narcotic effect. May be fatal if swallowed and enters airways.



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4.3 Indication of any immediate medical attention and special treatment needed

Treat symptomatically.

SECTION 5: Firefighting measures

5.1 Extinguishing media

Suitable extinguishing media:

Water spray jet, foam, extinguishing powder, carbon dioxide.

Extinguishing media which must not be used for safety reasons:

Full water jet

5.2 Special hazards arising from the substance or mixture

Extremely flammable aerosol. Pressurised container: May burst if heated.

May form dangerous gases and vapours in case of fire.

Furthermore, there may develop: nitrogen oxides (NOx), phosphorus oxides, Metal oxide

smoke, sulphur oxides, carbon monoxide and carbon dioxide

5.3 Advice for firefighters

Special protective equipment for firefighters:

Wear self-contained positive pressure breathing apparatus and full firefighting protective

clothing.

Additional information: Hazchem-Code: -

Heating will lead to pressure increase: Danger of bursting and explosion. Use fine water

spray to cool endangered containers.

Move undamaged containers from immediate hazard area if it can be done safely. In case of major fire and large quantities: Evacuate area. Fight fire remotely due to the

risk of explosion.

Do not allow fire water to penetrate into surface or ground water.

Fire residuals and contaminated extinguishing water must be disposed of in accordance

with the regulations of the local authorities.

SECTION 6: Accidental release measures

6.1 Personal precautions, protective equipment and emergency procedures

Do not breathe spray. Avoid contact with the substance.

Eliminate all ignition sources if safe to do so. Provide adequate ventilation.

Wear appropriate protective equipment. Take off contaminated clothing and wash it before reuse. Keep unprotected people away.

Cordon off downwind area at risk and warn inhabitants.

6.2 Environmental precautions

Do not allow to enter into ground-water, surface water or drains. Danger of explosion! In case of release, notify competent authorities.

6.3 Methods and material for containment and cleaning up

Isolate leaked material using non-flammable absorption agent (e.g. sand, earth, vermiculit, diatomaceous earth) and collect it for disposal in appropriate containers in accordance with the local regulations (see section 13).

Thoroughly clean surrounding area.

In case of greater quantities: Collect mechanically (use only explosion-proof equipment when pumping out).



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6.4 Reference to other sections

Refer additionally to section 8 and 13.

SECTION 7: Handling and storage

7.1 Precautions for safe handling

Advices on safe handling: Provide adequate ventilation, and local exhaust as needed. Do not breathe spray. Do not

get in eyes, on skin, or on clothing. Wear appropriate protective equipment. Do not eat, drink or smoke when using this product. Wash hands thoroughly after

handling. Take off contaminated clothing and wash it before reuse.

Guarantee sufficient ventilation during and after use, in order to prevent vapour

accumulation. Have eye wash bottle or eye rinse ready at work place.

Precautions against fire and explosion:

Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking. Do not pierce or burn, even after use. Do not spray on an open flame or other ignition source.

7.2 Conditions for safe storage, including any incompatibilities

Requirements for storerooms and containers:

Keep container tightly closed and in a well-ventilated place. Keep container dry. Keep only in the original container.

Protect from sunlight. Do not expose to temperatures exceeding 50 °C/122 °F.

Store containers in upright position.

Hints on joint storage: Keep away from food, drink and animal feedingstuffs.

7.3 Specific end use(s)

No information available.

SECTION 8: Exposure controls/personal protection

8.1 Control parameters

Occupational exposure limit values:

CAS No.	Designation	Туре	Limit value
-	Hydrocarbons, C11-C14, n-alkanes, isoalkanes, cyclics, <2% aromatics	Great Britain: WEL-TWA	1200 mg/m³ (> or = C7, Normal and branched chain alkanes)
		Great Britain: WEL-TWA	800 mg/m³ (> or = C7, Cycloalkanes)
106-97-8	n-Butane (<0,01% 1,3-Butadiene)	Great Britain: WEL-STEL	1810 mg/m³; 750 ppm
	,	Great Britain: WEL-TWA Ireland: 8 hours	1450 mg/m³; 600 ppm 1000 ppm
74-98-6	Propane	Ireland: 8 hours	1000 ppm

8.2 Exposure controls

Provide for good ventilation or exhaust system or work with completely self-contained equipment.



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Personal protection equipment

Occupational exposure controls

Respiratory protection: Respiratory protection must be worn whenever the WEL levels have been exceeded.

combination filter ABEK according to EN 141.

The filter class must be suitable for the maximum contaminant concentration (gas/vapour/aerosol/particulates) that may arise when handling the product. If the concentration is exceeded, self-contained breathing apparatus must be used.

Hand protection: Protective gloves according to EN 374.

Glove material: nitrile rubber Breakthrough time: >480 min Layer thickness: 0.35 mm

Eye protection: Tightly sealed goggles according to EN 166.

Body protection: Wear suitable protective clothing.

General protection and hygiene measures:

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

smoking.

Do not pierce or burn, even after use.

Provide adequate ventilation, and local exhaust as needed. Do not breathe spray. Do not

get in eyes, on skin, or on clothing.

Do not eat, drink or smoke when using this product. Wash hands thoroughly after

handling. Take off contaminated clothing and wash it before reuse.

Guarantee sufficient ventilation during and after use, in order to prevent vapour

accumulation. Have eye wash bottle or eye rinse ready at work place.

SECTION 9: Physical and chemical properties

9.1 Information on basic physical and chemical properties

Appearance: Physical state at 20 °C and 101.3 kPa: liquid

Form: Aerosol

Odour: characteristic
Odour threshold: No data available

pH value:

Melting point/freezing point:

Initial boiling point and boiling range:

Flash point/flash point range:

No data available

-42 - 240 °C

80 °C

Evaporation rate: 0.010 (n-BuAc=1)

Flammability: Extremely flammable aerosol.

Explosion limits: LEL (Lower Explosion Limit): 1.80 Vol-%

UEL (Upper Explosive Limit): 9.50 Vol-%

Vapour pressure: 853 kPa

Vapour density:

Density:

No data available
0.85 g/mL

Water solubility:

insoluble

Partition coefficient: n-octanol/water: 2.890 log P(o/w) (n-Butane)

Based on the n-octanol/water partition coefficient significant accumulation

in organisms is not expected.

Auto-ignition temperature: 365 °C

Decomposition temperature: No data available



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Viscosity, dynamic: at 20 °C: 1 mPa*s viscosity, kinematic: at 40 °C: 1 mm²/s

Explosive properties: Vapours can form explosive mixtures with air.

Oxidizing characteristics: No data available

9.2 Other information

Additional information: No data available

SECTION 10: Stability and reactivity

10.1 Reactivity

Extremely flammable aerosol Vapours can form explosive mixtures with air.

10.2 Chemical stability

Stable under recommended storage conditions.

10.3 Possibility of hazardous reactions

Pressurised container: May burst if heated.

10.4 Conditions to avoid

Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking. Do not pierce or burn, even after use. Do not spray on an open flame or other ignition source. Protect from sunlight. Do not expose to temperatures exceeding 50 $^{\circ}\text{C/122}$ °F.

10.5 Incompatible materials

No data available

10.6 Hazardous decomposition products

No decomposition when used properly.

Thermal decomposition: No data available



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SECTION 11: Toxicological information

11.1 Information on toxicological effects

Toxicological effects: The statements are derived from the properties of the single components. No toxicological

data is available for the product as such.

Acute toxicity (oral): Lack of data.

Acute toxicity (dermal): Lack of data.

Acute toxicity (inhalative): Lack of data.

Skin corrosion/irritation: Lack of data.

Serious eye damage/irritation: Eye Irrit. 2; H319 = Causes serious eye irritation.

Sensitisation to the respiratory tract: Lack of data.

Skin sensitisation: Lack of data.

Germ cell mutagenicity/Genotoxicity: Lack of data.

Carcinogenicity: Lack of data.

Reproductive toxicity: Lack of data.

Effects on or via lactation: Lack of data.

Specific target organ toxicity (single exposure): Lack of data. Specific target organ toxicity (repeated exposure): Lack of data.

Aspiration hazard: Asp. Tox. 1; H304 = May be fatal if swallowed and enters airways.

Symptoms

In case of ingestion: Diarrhoea, nausea, vomiting, headache, gastric spasms, fatigue

After contact with skin: Drowsiness, dry skin, redness

After eye contact: Upon direct contact with eyes may cause burning, tearing, redness.

SECTION 12: Ecological information

12.1 Toxicity

Aquatic toxicity: Information about (Z)-N-methyl-N-(1-oxo-9-octadecenyl)glycine:

Fish toxicity: LC50 9.3 mg/L/96h NOEC 6.81 mg/L/96h

12.2 Persistence and degradability

Further details: No data available

12.3 Bioaccumulative potential

Bioconcentration factor (BCF):

Information about Phosphorodithioic acid, O,O-di-C1-14-alkyl esters, zinc salts:

2.2 / 0.1d

12.4 Mobility in soil

No data available

12.5 Results of PBT and vPvB assessment

No data available

12.6 Other adverse effects

AOX reference: The product contains organically bound halogen. Thus it may add to the AOX value.



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General information: Do not allow to enter into ground-water, surface water or drains.

SECTION 13: Disposal considerations

13.1 Waste treatment methods

Product

Waste key number: 16 05 04* = Gases in pressure containers (including halons) containing hazardous

substances/Aerosol

* = Evidence for disposal must be provided.

Recommendation: Do not pierce or burn, even after use.

Special waste. Dispose of waste according to applicable legislation.

Do not dispose of with household waste.

Contaminated packaging

Waste key number: 15 01 04 = metallic packaging

Recommendation: Dispose of waste according to applicable legislation.

Empty carefully and completely, if possible. Handle empty containers with care.

Incineration may cause explosion.

SECTION 14: Transport information

14.1 UN number

ADR/RID, IMDG, IATA-DGR:

UN 1950

14.2 UN proper shipping name

ADR/RID, IMDG: UN 1950, AEROSOLS

IATA-DGR: UN 1950, AEROSOLS, FLAMMABLE

14.3 Transport hazard class(es)

ADR/RID: Class 2, Code: 5F Class 2.1, Subrisk -

IATA-DGR: Class 2.1

14.4 Packing group

ADR/RID, IATA-DGR: not applicable

IMDG:

14.5 Environmental hazards

Marine pollutant: no





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14.6 Special precautions for user

Land transport (ADR/RID)

Warning board: RID: Kemmler-number 23, UN number UN 1950

Hazard label: 2.1

Special provisions: 190 327 344 625

Limited quantities: 1 L EQ: E0

Contaminated packaging - Instructions: P207 LP200

Contaminated packaging - Special provisions:

PP87 RR6 L2

Special provisions for packing together: MP9
Tunnel restriction code: D

Sea transport (IMDG)

EmS: F-D. S-U

Special provisions: 63, 190, 277, 327, 344, 381, 959

Limited quantities: 1000 mL Excepted quantities: E0

Contaminated packaging - Instructions: P207, LP200 Contaminated packaging - Provisions: PP87, L2

IBC - Instructions: IBC - Provisions: Tank instructions - IMO: Tank instructions - UN: Tank instructions - Provisions: -

Stowage and handling: SW1 SW22
Segregation: SG69
Properties and observations: -

Segregation group: none

Air transport (IATA)

Hazard label: Flamm. gas

Excepted Quantity Code: E0

Passenger and Cargo Aircraft: Ltd.Qty.: Pack.Instr. Y203 - Max. Net Qty/Pkg. 30 kg G
Passenger and Cargo Aircraft: Pack.Instr. 203 - Max. Net Qty/Pkg. 75 kg
Cargo Aircraft only: Pack.Instr. 203 - Max. Net Qty/Pkg. 150 kg

Special provisions: A145 A167 A802

Emergency Response Guide-Code (ERG): 10L

14.7 Transport in bulk according to Annex II of Marpol and the IBC Code

No data available

SECTION 15: Regulatory information

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

National regulations - Great Britain

Hazchem-Code:

No data available

National regulations - EC member states

Volatile organic compounds (VOC):

96.35 % by weight = 735.632 g/L



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Labelling of packaging with <= 125mL content





Signal word: Danger

Hazard statements: H222 Extremely flammable aerosol.

H229 Pressurised container: May burst if heated.

EUH066 Repeated exposure may cause skin dryness or cracking.

Precautionary Statements:

P101 If medical advice is needed, have product container or label at hand.

P102 Keep out of reach of children.

P210 Keep away from heat, hot surfaces, sparks, open flames and other ignition

sources. No smoking.

Do not spray on an open flame or other ignition source.

P251 Do not pierce or burn, even after use.

P410+P412 Protect from sunlight. Do not expose to temperatures exceeding 50 °C/122 °F.

Further regulations, limitations and legal requirements:

Use restriction according to REACH annex XVII, no.: 3, 40

Directive 2012/18/EU on the control of major-accident hazards involving dangerous

substances [Seveso-III-Directive]: P3a.

15.2 Chemical Safety Assessment

For this mixture a chemical safety assessment is not required.

SECTION 16: Other information

Further information

Classification procedure:

Aerosol 1 H222, H229 Pressurised container: May burst if heated. Extremely flammable

aerosol.: Classification according to EC regulation 1272/2008 (CLP)

Asp. Tox. 1 H304: calculation method

Eye Irrit. 1 H319 Causes serious eye irritation.: calculation method

Wording of the H-phrases under paragraph 2 and 3:

H220 = Extremely flammable gas.

H222 = Extremely flammable aerosol.

H229 = Pressurised container: May burst if heated.

H280 = Contains gas under pressure; may explode if heated.

H304 = May be fatal if swallowed and enters airways.

H315 = Causes skin irritation.

H318 = Causes serious eye damage.

H319 = Causes serious eye irritation.

H332 = Harmful if inhaled.

H400 = Very toxic to aquatic life.

H411 = Toxic to aquatic life with long lasting effects.

EUH066 = Repeated exposure may cause skin dryness or cracking.



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Abbreviations and acronyms:

ADN: European Agreement concerning the International Carriage of Dangerous Goods by Inland Waterways

ADR: European Agreement concerning the International Carriage of Dangerous Goods by Road

OEL: Occupational Exposure Limit Value AOX: Adsorbable Organic Halogens

AS/NZS: Australian Standards/New Zealand Standards

CAS: Chemical Abstracts Service CFR: Code of Federal Regulations

CLP: Classification, Labelling and Packaging

DMEL: Derived minimal effect level DNEL: Derived no-effect level EC: European Community EN: European Standard EU: European Union

IATA: International Air Transport Association

IBC Code: International Code for the Construction and Equipment of Ships carrying

Dangerous Chemicals in Bulk

IMDG Code: International Maritime Dangerous Goods Code

LC50: Median lethal concentration LEL: Lower Explosion Limit

log P(o/w): Partition coefficient: octanol/water

MARPOL: Maritime Pollution: The International Convention for the Prevention of Pollution

from Ships

M-factor: Multiplication factor

NOEC: No Observed Effect Concentration

OSHA: Occupational Safety and Health Administration

PBT: Persistent, bioaccumulative and toxic PNEC: Predicted no-effect concentration

REACH: Registration, Evaluation, Authorisation and Restriction of Chemicals

RID: Regulations Concerning the International Carriage of Dangerous Goods by Rail

TLV: Threshold Limit Value

TRGS: Technical Rules for Hazardous Substances vPvB: Very persistent and very bioaccumulative

WEL: Workplace Exposure Limit

Reason of change: Changes in section 8: Exposure limit values

Date of first version: 11/9/2018

Department issuing data sheet

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