

Handelsname: Lubricant additive LP160M

Print Date: 6. January 2021

Version: 1.1, revision date: 02.01.2021

Replaced version: 1.0 created on: 21.03.2019

Region: EN

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

1.1. Product identifier

Product name / Trade name

Lubricant additive LP160M

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

Recommended use

PC14: Metal surface treatment products, including galvanic and electroplating products.

PC1: Adhesives, sealants. PC9a: Coatings and paints, thinners, paint removers.

PC15: Non-metal-surface treatment products. PC24: Lubricants, greases, release products.

PC25: Metal working fluids.

PC32: Polymer preparations and compounds.

PC35: Washing and cleaning products (including solvent based products).

PC23: Leather tanning, dye, finishing, impregnation and care products.

PC19: Intermediate.

Uses advised against

No data available.

1.3. Details of the supplier of the safety data sheet

Company

SysKem Chemie GmbH

Brucknerweg 26

D-42289 Wuppertal

Telephone +49 (0) 202/30999510

Telefax +49 (0) 202/87088403

E-mail address info@syskem.de

Prepared by / E-mail address of person responsible for the SDS

info@syskem.de

1.4. Emergency telephone number

Vergiftungs-Informationen-Zentrale Freiburg, Tel. +49 761 19240.

SECTION 2: Hazards identification

2.1. Classification of the substance or mixture

Classification (REGULATION (EC) No 1272/2008)

Eye Dam. 1: H318

Skin Irrit. 2: H315

Most important adverse effects:

Causes skin irritation.

Causes serious eye damage.

2.2. Label elements

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

Hazard pictograms (CLP)



GHS 05



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Signal word (CLP)

Danger

Hazard statements (CLP)

H315: Causes skin irritation.

H318: Causes serious eye damage.

Precautionary statements (CLP)

P264: Wash skin thoroughly after handling.

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

P302+352: IF ON SKIN: Wash with plenty of water/.

P305+351+338: IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.

P310: Immediately call a.

P321: Specific treatment (see instructions on this label).

2.3. Other hazards**PBT:**

This product is not identified as a PBT/vPvB substance.

SECTION 3: Composition/information on ingredients**3.2. Mixtures****Hazardous ingredients:**

ALCOHOLS, C12-C15 ETHOXYLATED PHOSPHATES

EINECS	CAS	PBT / WEL	CLP Classification	Percent
-	68071-35-2	-	Skin Irrit. 2: H315; Eye Dam. 1: H318	>90%

ALCOHOLS, C12-15, ETHOXYLATED

-	68131-39-5	-	Eye Dam. 1: H318; Aquatic Acute 1: H400	1-10%
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SECTION 4: First aid measures**4.1. Description of first aid measures****If inhaled:**

Remove casualty from exposure ensuring one's own safety whilst doing so.

In case of skin contact:

Remove all contaminated clothes and footwear immediately unless stuck to skin. Wash immediately with plenty of soap and water.

In case of eye contact:

Bathe the eye with running water for 15 minutes. Transfer to hospital for specialist examination.

If swallowed:

Wash out mouth with water. Do not induce vomiting. If conscious, give half a litre of water to drink immediately. Consult a doctor.

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

Skin contact: There may be irritation and redness at the site of contact.

Eye contact: There may be pain and redness. The eyes may water profusely. There may be severe pain. The vision may become blurred. May cause permanent damage.

Ingestion: There may be soreness and redness of the mouth and throat. Nausea and stomach pain may occur.

Inhalation: There may be irritation of the throat with a feeling of tightness in the chest.

Delayed / immediate effects:

Immediate effects can be expected after short-term exposure.



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

Immediate / special treatment:

Eye bathing equipment should be available on the premises.

SECTION 5: Firefighting measures

5.1. Extinguishing media

Suitable extinguishing media:

Suitable extinguishing media for the surrounding fire should be used. Use water spray to cool containers.

5.2. Special hazards arising from the substance or mixture

Exposure hazards:

In combustion emits toxic fumes.

5.3. Advice for firefighters

Advice for fire-fighters:

Wear self-contained breathing apparatus. Wear protective clothing to prevent contact with skin and eyes.

SECTION 6: Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures

Personal precautions:

Mark out the contaminated area with signs and prevent access to unauthorised personnel. Do not attempt to take action without suitable protective clothing - see section 8 of SDS. Turn leaking containers leak-side up to prevent the escape of liquid.

6.2. Environmental precautions

Do not discharge into drains or rivers. Contain the spillage using bunding.

6.3. Methods and material for containment and cleaning up

Clean-up procedures:

Absorb into dry earth or sand. Transfer to a closable, labelled salvage container for disposal by an appropriate method.

6.4. Reference to other sections

Refer to section 8 of SDS.

SECTION 7: Handling and storage

7.1. Precautions for safe handling

Handling requirements:

Avoid direct contact with the substance. Ensure there is sufficient ventilation of the area. Avoid the formation or spread of mists in the air.

7.2. Conditions for safe storage, including any incompatibilities

Storage conditions

Store in a cool, well ventilated area. Keep container tightly closed.

Suitable packaging:

Stainless steel. Glass. Teflon. Coated steel. Polyethylene.



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7.3. Specific end use(s)

No data available.

SECTION 8: Exposure controls/personal protection**8.1 Control parameters****Hazardous ingredients:**

No data available.

DNEL / PNEC

No data available.

8.2. Exposure controls**Engineering measures:**

Ensure there is sufficient ventilation of the area.

Respiratory protection:

Self-contained breathing apparatus must be available in case of emergency.

Hand protection:

Protective gloves.

Eye protection:

Tightly fitting safety goggles. Ensure eye bath is to hand.

Skin protection:

Protective clothing.

Environmental:

Prevent from entering in public sewers or the immediate environment.

SECTION 9: Physical and chemical properties**9.1. Information on basic physical and chemical properties**

Physical state	: Liquid
Colour	: Amber.
Odour	: No data available.
Odour threshold	: No data available
pH	: 2,3
Relative evaporation rate (butylacetate=1)	: No data available.
Melting point	: No data available.
Freezing point	: No data available
Boiling point	: >100
Flash point	: >120
Auto-ignition temperature	: No data available.
Decomposition temperature	: No data available
Flammability (solid, gas)	: Not applicable
Vapour pressure	: No data available.
Relative vapour density at 20 °C	: No data available
Relative density	: No data available
Density	: 1.02 g/cm ³
Solubility in water	: Dispersible
Log Pow	: No data available.



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Viscosity, kinematic : No data available
Viscosity, dynamic : No data available
Explosive properties : Product is not explosive.
Oxidising properties : No data available
Explosive limits : No data available.

9.2. Other information

VOC g/l : No data available.

SECTION 10: Stability and reactivity**10.1. Reactivity**

Stable under recommended transport or storage conditions.

10.2. Chemical stability

Stable under normal conditions.

10.3. Possibility of hazardous reactions

Hazardous reactions will not occur under normal transport or storage conditions.
Decomposition may occur on exposure to conditions or materials listed below.

10.4. Conditions to avoid

Heat.

10.5. Incompatible materials

Strong oxidising agents. Strong acids.

10.6. Hazardous decomposition products

In combustion emits toxic fumes.

SECTION 11: Toxicological information**11.1. Information on toxicological effects****Toxicity values:**

Route	Species	Test	Value	Units
ORAL	RAT	LD50	>2000	mg/kg

Skin corrosion/irritation

Causes skin irritation.

Serious eye damage/eye irritation

Causes serious eye damage.

Respiratory or skin sensitisation

Not classified (Based on available data, the classification criteria are not met)

Germ cell mutagenicity

Not classified (Based on available data, the classification criteria are not met)

Carcinogenicity

Not classified (Based on available data, the classification criteria are not met)



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Reproductive toxicity

Not classified (Based on available data, the classification criteria are not met)

STOT - single exposure

Not classified (Based on available data, the classification criteria are not met)

STOT - repeated exposure

Not classified (Based on available data, the classification criteria are not met)

Aspiration toxicity

Not classified (Based on available data, the classification criteria are not met)

Relevant hazards for product:

Hazard	Route	Basis
Skin corrosion/irritation	DRM	Hazardous: calculated
Serious eye damage/irritation	OPT	Hazardous: calculated

Symptoms / routes of exposure**Skin contact:**

There may be irritation and redness at the site of contact.

Eye contact:

There may be pain and redness. The eyes may water profusely. There may be severe pain. The vision may become blurred. May cause permanent damage.

Ingestion:

There may be soreness and redness of the mouth and throat. Nausea and stomach pain may occur.

Inhalation:

There may be irritation of the throat with a feeling of tightness in the chest.

Delayed / immediate effects:

Immediate effects can be expected after short-term exposure.

SECTION 12: Ecological information**12.1 Toxicity****Ecotoxicity values:**

No data available.

12.2 Persistence and degradability

Biodegradable.

12.3 Bioaccumulative potential

No bioaccumulation potential.

12.4 Mobility in soil

Mobility: Readily absorbed into soil.

12.5 Results of PBT and vPvB assessment

This substance/mixture does not meet the PBT criteria of REACH regulation, annex XIII

This substance/mixture does not meet the vPvB criteria of REACH regulation, annex XIII

12.6 Other adverse effects

Negligible ecotoxicity.



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SECTION 13: Disposal considerations

13.1 Waste treatment methods

Disposal operations

Transfer to a suitable container and arrange for collection by specialised disposal company.

Disposal of packaging

Arrange for collection by specialised disposal company.

NB

The user's attention is drawn to the possible existence of regional or national regulations regarding disposal.

SECTION 14: Transport information

Transport class:

This product does not require a classification for transport.

SECTION 15: Regulatory information

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

Specific regulations: Not applicable.

15.2. Chemical Safety Assessment

A chemical safety assessment has not been carried out for the substance or the mixture by the supplier.

SECTION 16: Other information

Further information

The information provided in this Safety Data Sheet is correct to the best of our knowledge, information and belief at the date of its publication. The information given is designed only as a guidance for safe handling, use, processing, storage, transportation, disposal and release and is not to be considered a warranty or quality specification. The information relates only to the specific material designated and may not be valid for such material used in combination with any other materials or in any process, unless specified in the text.

Full text of H- and EUH-statements

H315: Causes skin irritation.

H318: Causes serious eye damage.

H400: Very toxic to aquatic life.

Data sources

ECHA (European Chemicals Agency).

Other information:

This safety data sheet is prepared in accordance with Commission Regulation (EU) No 2015/830.

All components as well as the monomers used in the manufacture of polymeric components have been registered or pre-registered according to the phase in requirements of REACH