

Saphira Lubricant HP3

Safety Data Sheet

according to Federal Register / Vol. 77, No. 58 / Monday, March 26, 2012 / Rules and Regulations
Issue date: 2/5/2024 Version: 1.3

SECTION 1: Identification

1.1. Identification

Product form : Mixture
Trade name : Saphira Lubricant HP3
Product code : CN.MX00006

1.2. Recommended use and restrictions on use

Restrictions on use : Consumer uses: Private households (= general public = consumers)

1.3. Supplier

Manufacturer

Heidelberger Druckmaschinen AG
52-60 Kurfuerstenanlage
Heidelberg, 69115
Germany
T +49 6221 9200
consumables-msds@heidelberg.com - www.heidelberg.com
consumables-msds@heidelberg.com

Distributor

Heidelberg USA, Inc
1000 Gutenberg Drive
Kennesaw, GA 30144
USA
T +1 770 419 6600 - F +1 770 419 6550
hus.webmaster@heidelberg.com

1.4. Emergency telephone number

Emergency number : +49 (0) 551 19240
(Poison centre, GLZ, Germany; 24/7, Language: English, German)

Country	Organisation/Company	Address	Emergency number	Comment
USA	Chemtrec		1-800-424-9300 1-703-741-5970	(24h)

SECTION 2: Hazard(s) identification

2.1. Classification of the substance or mixture

GHS US classification

Flam. Liq. 4 H227 Combustible liquid
Full text of hazard classes and H-statements : see section 16

2.2. GHS Label elements, including precautionary statements

GHS US labelling

Signal word (GHS US) : Warning
Hazard statements (GHS US) : H227 - Combustible liquid
Precautionary statements (GHS US) : P210 - Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking.
P280 - Wear protective gloves/protective clothing/eye protection/face protection.
P370+P378 - In case of fire: Use media other than water to extinguish.
P403+P235 - Store in a well-ventilated place. Keep cool.

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P501 - Dispose of contents/container to hazardous or special waste collection point, in accordance with local, regional, national and/or international regulation.

2.3. Other hazards which do not result in classification

No additional information available

2.4. Unknown acute toxicity (GHS US)

No additional information available

SECTION 3: Composition/information on ingredients

3.1. Substances

Not applicable

3.2. Mixtures

Name	Product identifier	%	GHS US classification
Di-tert-dodecyl polysulfides	CAS-No.: 68425-15-0	≥ 1 – < 2.5	Aquatic Chronic 2, H411

Full text of hazard classes and H-statements : see section 16

SECTION 4: First-aid measures

4.1. Description of first aid measures

No additional information available

4.2. Most important symptoms and effects (acute and delayed)

No additional information available

4.3. Immediate medical attention and special treatment, if necessary

No additional information available

SECTION 5: Fire-fighting measures

5.1. Suitable (and unsuitable) extinguishing media

Unsuitable extinguishing media : Water.

5.2. Specific hazards arising from the chemical

No additional information available

5.3. Special protective equipment and precautions for fire-fighters

No additional information available

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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

No additional information available

6.1.2. For emergency responders

No additional information available

6.2. Environmental precautions

No additional information available

6.3. Methods and material for containment and cleaning up

No additional information available

6.4. Reference to other sections

No additional information available

SECTION 7: Handling and storage

7.1. Precautions for safe handling

No additional information available

7.2. Conditions for safe storage, including any incompatibilities

No additional information available

SECTION 8: Exposure controls/personal protection

8.1. Control parameters

No additional information available

8.2. Appropriate engineering controls

Appropriate engineering controls	: Ensure good ventilation of the work station.
Environmental exposure controls	: Avoid release to the environment.

8.3. Individual protection measures/Personal protective equipment

Personal protective equipment:

Handle in accordance with good industrial hygiene and safety practice. Wash hands and other exposed areas with mild soap and water before eating, drinking or smoking and when leaving work. Wear recommended personal protective equipment. Wash hands thoroughly after handling.

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Hand protection:

Chemical resistant gloves (according to European standard ISO 374-1 or equivalent). Choosing the proper glove is a decision that depends not only on the type of material, but also on other quality features, which differ for each manufacturer. Consult the glove supplier or manufacturer for the permeation time of the glove material in order to select the most suitable glove. Please note that the service life of chemical-resistant gloves in real-life applications may be significantly shorter than the permeation time determined in tests due to the many influencing factors (e.g. temperature, mechanical stress).

Type	Material	Permeation	Thickness (mm)	Penetration
Gloves	Butyl rubber	4 (> 120 minutes)	> 0,5	
Gloves	Nitrile rubber (NBR)	4 (> 120 minutes)	> 0,4	

Eye protection:

Wear security glasses which protect from splashes. Wear eye protection

Type	Field of application	Characteristics
Safety goggles	Droplet	With side shields

Skin and body protection:

Wear suitable protective clothing

Type

Lab coat, Safety glasses, Disposable gloves

Respiratory protection:

In case of insufficient ventilation, wear suitable respiratory equipment

Personal protective equipment symbol(s):



SECTION 9: Physical and chemical properties

9.1. Information on basic physical and chemical properties

Physical state	: Liquid
Colour	: Yellow
Odour	: Mixture contains one or more component(s) which have the following odour:
Odour threshold	: No data available
pH	: No data available
Melting point	: No data available
Freezing point	: No data available
Boiling point	: No data available
Flash point	: > 63 °C
Relative evaporation rate (butylacetate=1)	: No data available
Flammability (solid, gas)	: No data available
Vapour pressure	: < 0.0001 hPa

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Relative vapour density at 20°C	: No data available
Relative density	: No data available
Density	: 0.83 g/cm³ 40°C
Solubility	: Material insoluble in water.
Partition coefficient n-octanol/water (Log Pow)	: No data available
Auto-ignition temperature	: No data available
Decomposition temperature	: No data available
Viscosity, kinematic	: 7 mm²/s
Viscosity, dynamic	: No data available
Explosive limits	: No data available
Explosive properties	: No data available
Oxidising properties	: No data available

Di-tert-dodecyl polysulfides (68425-15-0)

Boiling point	457.42 °C
Flash point	> 93.3 °C
Vapour pressure	0.000000011 mm Hg

9.2. Other information

No additional information available

SECTION 10: Stability and reactivity

10.1. Reactivity

No additional information available

10.2. Chemical stability

No additional information available

10.3. Possibility of hazardous reactions

No additional information available

10.4. Conditions to avoid

No additional information available

10.5. Incompatible materials

Oxidizing agent.

10.6. Hazardous decomposition products

No additional information available

SECTION 11: Toxicological information

11.1. Information on toxicological effects

Acute toxicity (oral)	: Not classified
Acute toxicity (dermal)	: Not classified

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Acute toxicity (inhalation)	: Not classified
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
STOT-single exposure	: Not classified
STOT-repeated exposure	: Not classified
Aspiration hazard	: Not classified
Viscosity, kinematic	: 7 mm ² /s

SECTION 12: Ecological information

12.1. Toxicity

Di-tert-dodecyl polysulfides (68425-15-0)

LC50 - Fish [1]	> 100 mg/l
NOEC chronic crustacea	≥ 0.1 mg/l Daphnia magna 2d
NOEC chronic algae	≥ 0.1 mg/l Pseudokirchneriella subcapitata 3d

12.2. Persistence and degradability

No additional information available

12.3. Bioaccumulative potential

Di-tert-dodecyl polysulfides (68425-15-0)

Partition coefficient n-octanol/water (Log Pow)	12.46 Source: EPISUITE
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12.4. Mobility in soil

Di-tert-dodecyl polysulfides (68425-15-0)

Mobility in soil	65110000000 Source: EPISUITE
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12.5. Other adverse effects

Other information : Avoid release to the environment.

SECTION 13: Disposal considerations

13.1. Disposal methods

Sewage disposal recommendations : Disposal must be done according to official regulations.

SECTION 14: Transport information

In accordance with DOT / TDG / IMDG / IATA

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DOT	TDG	IMDG	IATA
14.1. UN number			
Not applicable	Not applicable	Not applicable	Not applicable
14.2. Proper Shipping Name			
Not applicable	Not applicable	Not applicable	Not applicable
14.3. Transport hazard class(es)			
Not applicable	Not applicable	Not applicable	Not applicable
14.4. Packing group			
Not applicable	Not applicable	Not applicable	Not applicable
14.5. Environmental hazards			
Not applicable	Not applicable	Not applicable	Not applicable
No supplementary information available			

14.6. Special precautions for user

DOT

Not applicable

TDG

Not applicable

IMDG

Not applicable

IATA

Not applicable

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

Not applicable

SECTION 15: Regulatory information

15.1. US Federal regulations

All components of this product are present and listed as Active on the United States Environmental Protection Agency Toxic Substances Control Act (TSCA) inventory, except for:

Di-tert-dodecyl polysulfides	CAS-No. 68425-15-0	≥ 1 – < 2.5%
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15.2. International regulations

CANADA

No additional information available

EU-Regulations

No additional information available

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National regulations

No additional information available

15.3. US State regulations

California Proposition 65 - This product does not contain any substances known to the state of California to cause cancer, developmental and/or reproductive harm

SECTION 16: Other information

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Full text of H-statements

Aquatic Chronic 2	Hazardous to the aquatic environment – Chronic Hazard, Category 2
Flam. Liq. 4	Flammable liquids, Category 4
H227	Combustible liquid
H411	Toxic to aquatic life with long lasting effects.

Safety Data Sheet (SDS), USA

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.