

Safety Data Sheet

Boge Syprem SX

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

1.1 Product identifier

Productname

Boge Syprem SX

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

Use of the substance/mixture

Lubricant

Recommended restrictions on use
information available.

No further relevant

1.3 Details of the supplier of the safety data sheet

Supplier

BOGE Kompressoren
Otto BOGE GmbH & Co.KG
Otto-BOGE-Str. 1-7
D-33739 Bielefeld
Germany
Telefon: +49 (0) 5206 601-0
Telefax: +49 (0) 5206 601 200

E-mail address

info@boge.de

1.4 Emergency telephone number

EMERGENCY
TELEPHONE NUMBER

+1-989-486-8330

Section 2: Hazards identification

2.1 Classification of the substance or mixture

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

The product is not classified according to the CLP regulation.

2.2 Label elements

Supplemental label elements Safety data sheet available on request.

2.3 Other hazards

Results of PBT und vPvB assessment PBT: Not determined

vPvB: Not determined

Section 3: Composition/information on ingredients

Substance/mixture
 reaction products with

Benzenamine, N-phenyl-,

2,4,4-trimethylpentene <5%
 STOT RE 2, H373; Aquatic
 Chronic 3, H412 < 5 %

This product does not contain any hazardous ingredients at or above regulated thresholds.

Section 4: First aid measures

4.1 Description of first aid measures

Eye contact

Rinse opened eye for several minutes under running water. If symptoms persist, consult a doctor. Remove contact lenses, if present and easy to do. Continue rinsing.

Skin contact
 and soap and rinse

Immediately wash with water thoroughly. If skin irritation continues, consult a doctor.

Inhalation
 doctor in case of

Supply fresh air; consult complaints.

Ingestion
 drink plenty of water. If

Rinse out mouth and then symptoms persist consult doctor.

4.2 Most important symptoms and effects, both acute and delayed No further relevant information available.

4.3 Indication of any immediate medical attention and special treatment needed

Notes to physician
information available.

No further relevant

Section 5: Firefighting measures

5.1 Extinguishing media

Suitable extinguishing media

CO₂, powder or water spray. Fight larger fires with water spray or alcohol resistant foam.
Use fire extinguishing methods suitable to surrounding conditions.

Unsuitable extinguishing media

Water with full jet

5.2 Special hazards arising from the substance or mixture

Hazards from the substance or mixture

Formation of toxic gases is possible during heating or in case of fire.
In case of fire the following can be released:
Carbon monoxide
Carbon dioxide

5.3 Advice for firefighters

Special precautions for fire-fighters

Wear self-contained respiratory protective device.

Section 6: Accidental release measures

6.1 Personal precautions, protective equipment and emergency procedures

For non-emergency personnel

Ensure adequate ventilation
Wear protective clothing.

6.2 Environmental precautions

sewage system or

Do not allow product to reach
any water course.

6.3 Methods and materials for containment and cleaning up

Absorb with liquid-binding material (sand, diatomite, acid binders, universal binders, sawdust). Dispose of the material collected according to regulations.

6.4 Reference to other sections

See Section 7 for information on safe handling.
See Section 8 for information on personal protection equipment
See Section 13 for disposal information.

Section 7: Handling and storage

7.1 Precautions for safe handling

Protective measures
necessary if used

No special precautions are
correctly.

Information about fire and
explosion protection: Protect
against electrostatic charges.

7.2 Conditions for safe storage, including any incompatibilities

Store only in the original receptacle.
Store away from oxidising agents.
Store in dry conditions.

7.3 Specific end use(s)

Recommendations

No further relevant information available.

Section 8: Exposure controls/personal protection

8.1 Control parameters

Occupational exposure limits

The product does not contain any relevant quantities of materials with critical
values that have to be monitored at the workplace.

Derived No Effect Level

No DNELs/DMELs available.

Predicted No Effect Concentration

No PNECs available

8.2 Exposure controls

Individual protection measures

Hygiene measures

Do not eat, drink, smoke or sniff while working. Keep away from
foodstuffs, beverages and feed. The usual precautionary measures are
to be adhered to when handling chemicals.

Respiratory protection Not necessary if room is well-ventilated.

Eye/face protection Protection glasses

Skin protection

Hand protection

The glove material has to be impermeable and resistant to the product/ the substance/ the preparation. Selection of the glove material on consideration of the penetration times, rates of diffusion and the degradation.

Material of gloves

Butyl rubber, BR

Nitrile rubber, NBR

PVC gloves

The selection of the suitable gloves does not only depend on the material, but also on further marks of quality and varies from manufacturer to manufacturer. As the product is a preparation of several substances, the resistance of the glove material can not be calculated in advance and has therefore to be checked prior to the application.

Penetration time of glove material

The exact break through time has to be found out by the manufacturer of the protective gloves and has to be observed.

Skin and body

Protective work clothing

Section 9: Physical and chemical properties

9.1 Information on basic physical and chemical properties

Appearance

Physical stat	Fluid
Colour	Clear, light yellow
Odour	Mild, Petroleum like
Odour threshold	Not determined
pH	Not determined
Melting point/freeze point	Not determined
Initial boiling point and boiling range	Not determined
Pour point	
Flash point	225°C (ASTM D-92)
Evaporation rate	
Flammability (solid,gas)	Not determined
Upper/lower flammability or explosive limits	Not determined
Relative density	At 20 °C: 0.84 - 0.86
Density	At 20 °C: > 1

Solubility(ies)

Not mixible or difficult to mix.

Partition coefficient: n-octanol/water

Not determined.

Auto-ignition temperature

Not determined

Decomposition temperature

Not determined

Viscosity

Dynamic: 15 - 220 mPas (40°C)

9.2 Other information

Section 10: Stability and reactivity

10.1 Reactivity

No further relevant information available.

10.2 Chemical stability

No decomposition if used and stored according to specifications.

10.3 Possibility of hazardous reactions

No decomposition if used according to specifications.

10.4 Conditions to avoid

No dangerous reactions known.

10.5 Incompatible materials

Keep away from heat and direct sunlight.

10.6 Hazardous

Strong oxidizing agents

Section 11: Toxicological information

11.1 Information on toxicological effects

Acute toxicity estimates

Route	ATE- Wert
Oral	LD50 >5000 mg/kg (Rat) (OECD Guideline 401)
Dermal	LD50 > 2000 mg/kg (Rat)

Section 12: Ecological information

12.1 Toxicity

Environmental hazards
 Guideline 202 / EEC C 2)

EC50 (48h) 51 mg/L (Daphnia) (OECD

EC50 (72h) > 100 mg/L (Algae) (OECD
Guideline 201)IC50 (3h) > 100 mg/L (Bacteria) (OECD
Guideline 209)LC50 (96h) >71 mg/L (Fish) (OECD
Guideline 203)**12.2 Persistence and degradability**

No further relevant information available

12.3 Bioaccumulative potential

No further relevant information available.

12.4 Mobility in soil**Soil/water partition coefficient (K_{oc})**
information available.

No further relevant

Mobility
information available.

No further relevant

12.5 Results of PBT and vPvB assessment**PBT**
vPvB

Not determined

Not determined

12.6 Other adverse effects**Other ecological information**
information available.

No further relevant

Section 13: Disposal considerations**13.1 Waste treatment methods****Product****Methods of disposal**
adhering to officialMust be specially treated
regulations.**European waste catalogue (EWC)**

Waste code	Waste designation
13 02 05*	mineral-based non-chlorinated engine, gear and lubricating oils

Conforms to Regulation (EC) No. 1907/ 2006 (REACH), Annex II – Germany
 Date of Issue: 28.07.2015

However, deviation from the intended use and/or the presence of any potential contaminants may require an alternative waste disposal code to be assigned by the end user.

Packaging

Methods of disposal
adhering to official

Must be specially treated
regulations.

Waste code 15 01 10*	Waste designation packaging containing residues of or contaminated by dangerous substances
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Section 14: Transport information

		ADR/RID	ADN	IMDG	IATA
14.1	UN number	Not regulated.	Not regulated.	Not regulated.	Not regulated.
14.2	UN proper shipping name	-	-	-	-
14.3	Transport hazard class(es)	-	-	-	-
14.4	Packing group	-	-	-	-
14.5	Environmental hazards	No.	No.	No.	No.
	<u>Additional information</u>	-	-	-	-

14.6 Special precautions for user Not available.

Section 15: Regulatory information

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

EU Regulation (EC) No. 1907/2006 (REACH)

Conforms to Regulation (EC) No. 1907/ 2006 (REACH), Annex II – Germany
Date of Issue: 28.07.2015

There are no inclusions of substances of very high concern (SVHC) as defined under (EC)1907/2006 in the manufacturing process of this product.

Substances of very high concern

None of the components are listed.

Other regulations

REACH Status

There are no inclusions of substances of very high concern (SVHC) as defined under (EC)1907/2006 in the manufacturing process of this product.

National regulations

15.2 Chemical Safety Assessment

A Chemical Safety Assessment has not been carried out

Section 16: Other information

Abbreviations and acronyms

ADN = European Provisions concerning the International Carriage of Dangerous Goods by Inland Waterway

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

ATE = Acute Toxicity Estimate

BCF = Bioconcentration Factor

CAS = Chemical Abstracts Service

CLP = Classification, Labelling and Packaging Regulation [Regulation (EC) No. 1272/2008]

CSA = Chemical Safety Assessment

CSR = Chemical Safety Report

DMEL = Derived Minimal Effect Level

DNEL = Derived No Effect Level

DPD = Dangerous Preparations Directive [1999/45/EC]

DSD = Dangerous Substances Directive [67/548/EEC]

EINECS = European Inventory of Existing Commercial chemical Substances

ES = Exposure Scenario

EUH statement = CLP-specific Hazard statement

EWG = European Waste Catalogue

GHS = Globally Harmonized System of Classification and Labelling of Chemicals

IATA = International Air Transport Association

IBC = Intermediate Bulk Container

IMDG = International Maritime Dangerous Goods

LogPow = logarithm of the octanol/water partition coefficient

MARPOL 73/78 = International Convention for the Prevention of Pollution From Ships, 1973 as modified by the Protocol of 1978. ("Marpol" = marine pollution)

OECD = Organisation for Economic Co-operation and Development

PBT = Persistent, Bioaccumulative and Toxic

PNEC = Predicted No Effect Concentration

RID = The Regulations concerning the International Carriage of Dangerous Goods by Rail

RRN = REACH Registration Number

SADT = Self-Accelerating Decomposition Temperature

SVHC = Substances of Very High Concern

STOT-RE = Specific Target Organ Toxicity – Repeated Exposure

STOT-SE = Specific Target Organ Toxicity – Single Exposure

TWA = Time weighted average

UN = United Nations

UVCB = Complex hydrocarbon substance

VOC = Volatile Organic Compound

vPvB = Very Persistent and Very Bioaccumulative

Full text of abbreviated H statements

H373 May cause damage to organs through prolonged or repeated exposure.

H412 Harmful to aquatic life with long lasting effects.

Notice to reader

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