



# Safety Data Sheet

Boost Oil Lubricants

according to Regulation (EC) No 1907/2006

## Boost Oil Frostschutz Scheibenklar

Revision date: 21.01.2019

Product code: MIT0010

Page 1 of 9

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

#### 1.1. Product identifier

Boost Oil Frostschutz Scheibenklar

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

#### 1.3. Details of the supplier of the safety data sheet

Company name:	Boost Oil Lubricants	
Street:	Auf dem Texas 11	
Place:	D-28857 Syke	
Telephone:	0049/4242160391	Telefax: 0049/4242160392

### SECTION 2: Hazards identification

#### 2.1. Classification of the substance or mixture

##### Regulation (EC) No. 1272/2008

Hazard categories:

Flammable liquid: Flam. Liq. 3

Hazard Statements:

Flammable liquid and vapour.

#### 2.2. Label elements

##### Regulation (EC) No. 1272/2008

Signal word: Warning

Pictograms:



##### Hazard statements

H226 Flammable liquid and vapour.

##### Precautionary statements

P501	Dispose of contents/container to industrial incineration plant.
P403+P235	Store in a well-ventilated place. Keep cool.
P303+P361+P353	IF ON SKIN (or hair): Take off immediately all contaminated clothing. Rinse skin with water or shower.
P280	Wear protective gloves/protective clothing/eye protection/face protection.
P243	Take action to prevent static discharges.
P242	Use non-sparking tools.
P241	Use explosion-proof electrical/ventilating/lighting equipment.
P240	Ground and bond container and receiving equipment.
P233	Keep container tightly closed.
P210	Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking.
P102	Keep out of reach of children.

#### 2.3. Other hazards

No information available.

### SECTION 3: Composition/information on ingredients

#### 3.2. Mixtures

**Safety Data Sheet**

according to Regulation (EC) No 1907/2006

**Boost Oil Frostschutz Scheibenklar**

Revision date: 21.01.2019

Product code: MIT0010

Page 2 of 9

**Hazardous components**

CAS No	Chemical name	Quantity
	EC No	
	Index No	
	REACH No	
	GHS Classification	
64-17-5	ethanol; ethyl alcohol	60-<65 %
	200-578-6	603-002-00-5
	Flam. Liq. 2; H225	
107-21-1	ethanediol; ethylene glycol	10-<15 %
	203-473-3	603-027-00-1
	Acute Tox. 4; H302	
68585-34-2	Alkylethersulfat, Natriumsalz 28%	<0,1 %
	Skin Irrit. 2, Eye Irrit. 2; H315 H319	

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

**Labelling for contents according to Regulation (EC) No 648/2004**

&lt; 5 % anionic surfactants.

**SECTION 4: First aid measures****4.1. Description of first aid measures****General information**

Self-protection of the first aider Remove casualty to fresh air and keep warm and at rest. Change contaminated, saturated clothing.

**After inhalation**

Provide fresh air. If unconscious place in recovery position and seek medical advice.

**After contact with skin**

Wash with plenty of water. Take off contaminated clothing and wash it before reuse. After contact with skin, wash immediately with plenty of water and soap.

**After contact with eyes**

Rinse immediately carefully and thoroughly with eye-bath or water. In case of accident or unwellness, seek medical advice immediately (show directions for use or safety data sheet if possible).

**After ingestion**

Rinse mouth immediately and drink plenty of water.

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

No information available.

**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 jet0 Carbon dioxide (CO2)0 Foam0 Extinguishing powder. In case of major fire and large quantities: Water spray jet

**Unsuitable extinguishing media**

Full water jet

**5.2. Special hazards arising from the substance or mixture**

Flammable. Vapours can form explosive mixtures with air. In case of fire may be liberated: Carbon dioxide

**Safety Data Sheet**

according to Regulation (EC) No 1907/2006

**Boost Oil Frostschutz Scheibenklar**

Revision date: 21.01.2019

Product code: MIT0010

Page 3 of 9

(CO<sub>2</sub>). Sulphur dioxide (SO<sub>2</sub>) Nitrogen oxides (NO<sub>x</sub>)**5.3. Advice for firefighters**

In case of fire: Wear self-contained breathing apparatus. Full protection suit

**Additional information**

Use water spray jet to protect personnel and to cool endangered containers. Collect contaminated fire extinguishing water separately. Do not allow entering drains or surface water.

**SECTION 6: Accidental release measures****6.1. Personal precautions, protective equipment and emergency procedures**

Remove all sources of ignition. Protective equipment Remove persons to safety. Provide adequate ventilation. Wear breathing apparatus if exposed to vapours/dusts/aerosols.

**6.2. Environmental precautions**

Do not allow uncontrolled discharge of product into the environment. Danger of explosion Prevent spread over a wide area (e.g. by containment or oil barriers). Do not allow to enter into surface water or drains.

**6.3. Methods and material for containment and cleaning up**

Absorb with liquid-binding material (e.g. sand, diatomaceous earth, acid- or universal binding agents). Treat the recovered material as prescribed in the section on waste disposal.

**6.4. Reference to other sections**

Safe handling: see section 7

Personal protection equipment: see section 8

Disposal: see section 13

**SECTION 7: Handling and storage****7.1. Precautions for safe handling****Advice on safe handling**

Keep container tightly closed. Store in a cool dry place. Keep away from heat. Protect from sunlight. Provide adequate ventilation as well as local exhaust at critical locations.

**Advice on protection against fire and explosion**

Keep away from sources of ignition - No smoking. Take precautionary measures against static discharges. Vapours can form explosive mixtures with air.

**7.2. Conditions for safe storage, including any incompatibilities****Requirements for storage rooms and vessels**

Keep container tightly closed. Keep in a cool, well-ventilated place. Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking.

**Hints on joint storage**

Do not store together with: Oxidizing agent. Pyrophoric or self-heating substances.

**Further information on storage conditions**

Store in a cool dry place.

**SECTION 8: Exposure controls/personal protection****8.1. Control parameters****Exposure limits (EH40)**

CAS No	Substance	ppm	mg/m <sup>3</sup>	fibres/ml	Category	Origin
107-21-1	Ethane-1,2-diol, vapour	20	52		TWA (8 h)	WEL
		40	104		STEL (15 min)	WEL
64-17-5	Ethanol	1000	1920		TWA (8 h)	WEL

## Safety Data Sheet

according to Regulation (EC) No 1907/2006

### Boost Oil Frostschutz Scheibenklar

Revision date: 21.01.2019

Product code: MIT0010

Page 4 of 9

#### 8.2. Exposure controls



##### Protective and hygiene measures

Take off contaminated clothing. Wash hands before breaks and after work. When using do not eat or drink. Change contaminated, saturated clothing. Do not breathe gas/fumes/vapour/spray. Avoid contact with skin, eyes and clothes. When using do not eat, drink or smoke.

##### Eye/face protection

Wear eye protection/face protection.

##### Hand protection

When handling with chemical substances, protective gloves must be worn with the CE-label including the four control digits. The quality of the protective gloves resistant to chemicals must be chosen as a function of the specific working place concentration and quantity of hazardous substances. For special purposes, it is recommended to check the resistance to chemicals of the protective gloves mentioned above together with the supplier of these gloves. DIN EN 374 Suitable gloves type: NBR (Nitrile rubber)

##### Skin protection

Wear suitable protective clothing.

##### Respiratory protection

In case of inadequate ventilation wear respiratory protection.

## SECTION 9: Physical and chemical properties

#### 9.1. Information on basic physical and chemical properties

Physical state:	Liquid
Colour:	blue
Odour:	characteristic
pH-Value (at 20 °C):	8

##### Changes in the physical state

Melting point:	-63,5 °C
Initial boiling point and boiling range:	78 °C
Flash point:	23 °C

##### Flammability

Solid:	not applicable
Gas:	not applicable

##### Explosive properties

The product is not: Explosive In case of insufficient ventilation and/or through use, explosive/highly flammable mixtures may develop.

Lower explosion limits:	3,2 vol. %
Upper explosion limits:	15,3 vol. %
Ignition temperature:	410 °C

##### Auto-ignition temperature

Solid:	not applicable
Gas:	not applicable

Decomposition temperature: not determined

##### Oxidizing properties

No self-ignition up to the melting point.



# Safety Data Sheet

Boost Oil Lubricants

according to Regulation (EC) No 1907/2006

## Boost Oil Frostschutz Scheibenklar

Revision date: 21.01.2019

Product code: MIT0010

Page 5 of 9

Vapour pressure: (at 20 °C)	59 hPa
Density (at 20 °C):	0,915 g/cm <sup>3</sup>
Water solubility:	easily soluble
<b>Solubility in other solvents</b> not determined	
Partition coefficient:	not determined
Vapour density:	not determined
Evaporation rate:	not determined

### 9.2. Other information

Solid content:	not determined
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## SECTION 10: Stability and reactivity

### 10.1. Reactivity

Flammable. No information available.

### 10.2. Chemical stability

The product is stable under storage at normal ambient temperatures.

### 10.3. Possibility of hazardous reactions

No known hazardous reactions.

### 10.4. Conditions to avoid

Keep away from sources of heat (e.g. hot surfaces), sparks and open flames. Vapours can form explosive mixtures with air.

### 10.5. Incompatible materials

No information available.

### 10.6. Hazardous decomposition products

Carbon monoxide

## SECTION 11: Toxicological information

### 11.1. Information on toxicological effects

#### Acute toxicity

Based on available data, the classification criteria are not met.

CAS No	Chemical name				
	Exposure route	Dose	Species	Source	Method
64-17-5	ethanol; ethyl alcohol				
	oral	LD50 mg/kg	6200	Rat	IUCLID
	inhalation (4 h) vapour	LC50	95,6 mg/l	Rat	RTECS
107-21-1	ethanediol; ethylene glycol				
	oral	ATE mg/kg	500		
	dermal	LD50 mg/kg	10600	Rabbit	GESTIS

#### Irritation and corrosivity

Based on available data, the classification criteria are not met.

**Safety Data Sheet**

according to Regulation (EC) No 1907/2006

**Boost Oil Frostschutz Scheibenklar**

Revision date: 21.01.2019

Product code: MIT0010

Page 6 of 9

**Sensitising effects**

Based on available data, the classification criteria are not met.

**Carcinogenic/mutagenic/toxic effects for reproduction**

Based on available data, the classification criteria are not met.

**STOT-single exposure**

Based on available data, the classification criteria are not met.

**STOT-repeated exposure**

Based on available data, the classification criteria are not met.

**Aspiration hazard**

Based on available data, the classification criteria are not met.

**SECTION 12: Ecological information****12.1. Toxicity**

The product is not: Ecotoxic.

CAS No	Chemical name					
	Aquatic toxicity	Dose	[h]   [d]	Species	Source	Method
64-17-5	ethanol; ethyl alcohol					
	Acute crustacea toxicity	EC50 9268 - 14221 mg/l	48 h	Daphnia magna	IUCLID	

**12.2. Persistence and degradability**

The product has not been tested.

**12.3. Bioaccumulative potential**

The product has not been tested.

**Partition coefficient n-octanol/water**

CAS No	Chemical name	Log Pow
64-17-5	ethanol; ethyl alcohol	-0,31
107-21-1	ethanediol; ethylene glycol	-1,36

**12.4. Mobility in soil**

The product has not been tested.

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

The product has not been tested.

**12.6. Other adverse effects**

No information available.

**Further information**

Avoid release to the environment.

**SECTION 13: Disposal considerations****13.1. Waste treatment methods****Advice on disposal**

Do not allow to enter into surface water or drains. Dispose of waste according to applicable legislation.

**Waste disposal number of used product**

070704 WASTES FROM ORGANIC CHEMICAL PROCESSES; wastes from the MFSU of fine chemicals and chemical products not otherwise specified; other organic solvents, washing liquids and mother liquors; hazardous waste

**Contaminated packaging**

Wash with plenty of water. Completely emptied packages can be recycled.

## Safety Data Sheet

according to Regulation (EC) No 1907/2006

### Boost Oil Frostschutz Scheibenklar

Revision date: 21.01.2019

Product code: MIT0010

Page 7 of 9

#### SECTION 14: Transport information

##### Land transport (ADR/RID)

**14.1. UN number:** UN 1987  
**14.2. UN proper shipping name:** ALCOHOLS, N.O.S.  
**14.3. Transport hazard class(es):** 3  
**14.4. Packing group:** III  
Hazard label: 3



Classification code: F1  
Special Provisions: 274 601  
Limited quantity: 5 L  
Excepted quantity: E1  
Transport category: 3  
Hazard No: 30  
Tunnel restriction code: D/E

##### Inland waterways transport (ADN)

**14.1. UN number:** UN 1987  
**14.2. UN proper shipping name:** ALCOHOLS, N.O.S.  
**14.3. Transport hazard class(es):** 3  
**14.4. Packing group:** III  
Hazard label: 3



Classification code: F1  
Special Provisions: 274 601  
Limited quantity: 5 L  
Excepted quantity: E1

##### Marine transport (IMDG)

**14.1. UN number:** UN 1987  
**14.2. UN proper shipping name:** ALCOHOLS, N.O.S.  
**14.3. Transport hazard class(es):** 3  
**14.4. Packing group:** III  
Hazard label: 3



Special Provisions: 223, 274  
Limited quantity: 5 L  
Excepted quantity: E1  
EmS: F-E, S-D

##### Air transport (ICAO-TI/IATA-DGR)

**14.1. UN number:** UN 1987  
**14.2. UN proper shipping name:** ALCOHOLS, N.O.S.



## Safety Data Sheet

according to Regulation (EC) No 1907/2006

### Boost Oil Frostschutz Scheibenklar

Revision date: 21.01.2019

Product code: MIT0010

Page 8 of 9

**14.3. Transport hazard class(es):** 3

**14.4. Packing group:** III

Hazard label: 3



Special Provisions: A3 A180

Limited quantity Passenger: 10 L

Passenger LQ: Y344

Excepted quantity: E1

IATA-packing instructions - Passenger: 355

IATA-max. quantity - Passenger: 60 L

IATA-packing instructions - Cargo: 366

IATA-max. quantity - Cargo: 220 L

#### 14.6. Special precautions for user

Warning: Combustible liquid.

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

not applicable

### SECTION 15: Regulatory information

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

##### EU regulatory information

2010/75/EU (VOC): 64,99 % (594,659 g/l)

2004/42/EC (VOC): 79,98 % (731,817 g/l)

##### Additional information

Regulation (EC) No. 648/2004 (Detergents regulation).

##### National regulatory information

Employment restrictions: Observe restrictions to employment for juvenils according to the 'juvenile work protection guideline' (94/33/EC).

Water contaminating class (D): 1 - slightly water contaminating

#### 15.2. Chemical safety assessment

Chemical safety assessments for substances in this mixture were not carried out.

### SECTION 16: Other information

#### Changes

This data sheet contains changes from the previous version in section(s): 2,4,5,6,7,8,9,11,13,15.

#### Abbreviations and acronyms

ADR: Accord européen sur le transport des marchandises dangereuses par Route  
(European Agreement concerning the International Carriage of Dangerous Goods by Road)

IMDG: International Maritime Code for Dangerous Goods

IATA: International Air Transport Association

GHS: Globally Harmonized System of Classification and Labelling of Chemicals

EINECS: European Inventory of Existing Commercial Chemical Substances

ELINCS: European List of Notified Chemical Substances

CAS: Chemical Abstracts Service

LC50: Lethal concentration, 50%

LD50: Lethal dose, 50%



**Safety Data Sheet**

according to Regulation (EC) No 1907/2006

**Boost Oil Frostschutz Scheibenklar**

Revision date: 21.01.2019

Product code: MIT0010

Page 9 of 9

**Classification for mixtures and used evaluation method according to Regulation (EC) No. 1272/2008 [CLP]**

Classification	Classification procedure
Flam. Liq. 3; H226	On basis of test data

**Relevant H and EUH statements (number and full text)**

H225	Highly flammable liquid and vapour.
H226	Flammable liquid and vapour.
H302	Harmful if swallowed.
H315	Causes skin irritation.
H319	Causes serious eye irritation.

**Further Information**

The information is based on present level of our knowledge. It does not, however, give assurances of product properties and establishes no contract legal rights. The receiver of our product is singularly responsible for adhering to existing laws and regulations.

*(The data for the hazardous ingredients were taken respectively from the last version of the sub-contractor's safety data sheet.)*