

**Safety Data Sheet**

according to Regulation (EC) No 1907/2006

LASCOL HIGH PERF

Revision date: 22.02.2017

Product code: 5500sp1

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SECTION 1: Identification of the substance/mixture and of the company/undertaking**1.1. Product identifier**

LASCOL HIGH PERF

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

Cutting oil

1.3. Details of the supplier of the safety data sheet

Company name:	LASCOL LUBRIFIANTS	
Street:	28 Avenue Carnot, BP 30038	
Place:	F-78290 CROISSY SUR SEINE	
Telephone:	+33 09.80.52.18.73	Telefax: +33 09.57.94.90.76
e-mail:	lascal.lubrifiants@gmail.com	

SECTION 2: Hazards identification**2.1. Classification of the substance or mixture****Regulation (EC) No. 1272/2008**

Hazard Statements:

Extremely flammable aerosol.

Pressurised container: May burst if heated.

Pressurized container: protect from sunlight and do not expose to temperatures exceeding 50 °C. Do not pierce or burn, even after use. Do not spray on naked flames or any incandescent material. Keep away from sources of ignition - No smoking.

In case of insufficient ventilation and/or through use, explosive/highly flammable mixtures may develop.

Keep out of the reach of children.

2.2. Label elements**Regulation (EC) No. 1272/2008****Signal word:** Danger**Pictograms:****Hazard statements**

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

Precautionary statements

P102	Keep out of reach of children.
P210	Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking.
P211	Do not spray on an open flame or other ignition source.
P251	Do not pierce or burn, even after use.
P271	Use only outdoors or in a well-ventilated area.
P410+P412	Protect from sunlight. Do not expose to temperatures exceeding 50 °C/122 °F.
P501	Dispose of contents/container to hazardous or special waste.

Special labelling of certain mixtures

Pressurized container. Protect from sunlight and do not expose to temperatures exceeding 50 °C. Do not pierce or burn, even after use.

Additional advice on labelling

In case of insufficient ventilation and/or through use, explosive/highly flammable mixtures may develop.

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

CAS No	Chemical name			Quantity
	EC No	Index No	REACH No	
	Classification according to Regulation (EC) No. 1272/2008 [CLP]			
106-97-8	butane			25-50 %
	203-448-7	601-004-00-0		
	Flam. Gas 1; H220			
78-42-2	tris(2-ethylhexyl) phosphate			2.5 - < 5 %
	201-116-6			
	Skin Irrit. 2; H315			
74-98-6	propane			2,5-10 %
	200-827-9	601-003-00-5		
	Flam. Gas 1; H220			
75-28-5	isobutane			<=2,5 %
	200-857-2	601-004-00-0		
	Flam. Gas 1; H220			

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

Further Information

Full text of R- and H-phrases: see section 16.

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

Move victim to fresh air. Put victim at rest and keep warm. Do not leave affected person unattended.

After inhalation

Provide fresh air.

Seek medical attention if problems persist.

After contact with skin

After contact with skin, wash immediately with: Water and soap.

After contact with eyes

If product gets into the eye, keep eyelid open and rinse immediately with large quantities of water, for at least 5 minutes. Subsequently consult an ophthalmologist.

After ingestion

Induce vomiting when the affected person is not unconscious. Seek medical advice immediately.

SECTION 5: Firefighting measures**5.1. Extinguishing media****Suitable extinguishing media**Carbon dioxide (CO₂). Extinguishing powder. Atomized water.

Use alcohol resistant foam. for extinction.

Unsuitable extinguishing media

High power water jet.

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5.2. Special hazards arising from the substance or mixture

Heating causes rise in pressure with risk of bursting.

5.3. Advice for firefighters

In case of fire and/or explosion do not breathe fumes.

Additional information

Use water spray jet to protect personnel and to cool endangered containers.

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

Wear personal protection equipment. Keep away from unprotected people. Keep upwind. Provide adequate ventilation. High slip hazard because of leaking or spilled product. Remove all sources of ignition.

Avoid contact with skin. Avoid contact with eyes.

Avoid breathing dust/fume/gas/mist/vapours/spray.

6.2. Environmental precautions

Do not allow to enter into surface water or drains.

6.3. Methods and material for containment and cleaning up

Provide adequate ventilation. Absorb with liquid-binding material (e.g. sand, diatomaceous earth, acid- or universal binding agents).

6.4. Reference to other sections

See protective measures under point 7 and 8.

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

If local exhaust ventilation is not possible or not sufficient, the entire working area should be ventilated by technical means. Handle and open container with care.

Advice on protection against fire and explosion

Pressurized container: protect from sunlight and do not expose to temperatures exceeding 50 °C. Do not pierce or burn, even after use. Do not spray on naked flames or any incandescent material.

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

Keep in a cool, well-ventilated place.

storage temperature: 15 - 35 °C, Do not store at temperatures over: 50 °C

Official regulations for the storage of compressed gas containers are to be observed

Advice on storage compatibility

Do not store with strong oxidizing agents.

Keep away from food, drink and animal feedingstuffs.

Further information on storage conditions

Store in a cool dry place. Keep container tightly closed.

Protect against direct sunlight.

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

CAS No	Substance	ppm	mg/m ³	fibres/ml	Category	Origin
106-97-8	Butane	600	1450		TWA (8 h)	WEL
		750	1810		STEL (15 min)	WEL

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8.2. Exposure controls**Protective and hygiene measures**

Wash hands before breaks and after work.

Do not put any product-impregnated cleaning rags into your trouser pockets. Do not breathe gas/fumes/vapour/spray.

Eye/face protection

Use glasses or face shield if there is a risk of splashing.

Hand protection

Tested protective gloves are to be worn: Nitrile. DIN EN 374

Thickness of glove material: > 480 min / 0,4mm

Respiratory protection

With correct and proper use, and under normal conditions, breathing protection is not required.

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

Physical state:	Aerosol
Colour:	light yellow
Odour:	characteristic

Test method

pH-Value:	not applicable
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Changes in the physical state

Melting point:	not determined
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Initial boiling point and boiling range:	-44 °C
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Flash point:	not applicable
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Explosive properties

Pressurized container: protect from sunlight and do not expose to temperatures exceeding 50 °C. Do not pierce or burn, even after use. Do not spray on naked flames or any incandescent material. Danger of bursting container. In case of insufficient ventilation and/or through use, explosive/highly flammable mixtures may develop.

Lower explosion limits:	1,5 vol. %
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Upper explosion limits:	8,5 vol. %
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Ignition temperature:	365 °C
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Vapour pressure: (at 20 °C)	2000-4000 hPa
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Density (at 20 °C):	0,75 g/cm³
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Solvent content:	0,0%
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9.2. Other information

Vapours are heavier than air and will spread at floor level.

SECTION 10: Stability and reactivity**10.4. Conditions to avoid**

Pressurized container: protect from sunlight and do not expose to temperatures exceeding 50 °C. Do not pierce or burn, even after use. Danger of bursting container.

10.5. Incompatible materials

Oxidizing agents.

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10.6. Hazardous decomposition products

In case of fire may be liberated: Pyrolysis products, toxic.

Further information

In case of insufficient ventilation and/or through use, explosive/highly flammable mixtures may develop.

SECTION 11: Toxicological information**11.1. Information on toxicological effects****Acute toxicity**

Irritant effect on the skin: mild irritant.

Irritant effect on the eye: mild irritant.

There is no obligatory labelling requirement according to the Directive covering preparations 1999/45/EC.

CAS No	Chemical name				
	Exposure route	Dose	Species	Source	Method
106-97-8	butane				
	inhalative (4 h) gas	LC50 ppm	273000	Rat	GESTIS
78-42-2	tris(2-ethylhexyl) phosphate				
	oral	LD50 mg/kg	37000	RAT	
	dermal	LD50 mg/kg	20000	RABBIT	

SECTION 12: Ecological information**12.3. Bioaccumulative potential****Partition coefficient n-octanol/water**

CAS No	Chemical name	Log Pow
106-97-8	butane	2,89
74-98-6	propane	2,36
75-28-5	isobutane	2,8

Further information

Do not allow to enter into surface water or drains.

Do not allow to enter into soil/subsoil.

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

still filled cans: Problem case collection

emptied aerosol cans: collecting recyclables

Waste disposal number of waste from residues/unused products

1605

Waste disposal number of used product

160504 WASTES NOT OTHERWISE SPECIFIED IN THE LIST; gases in pressure containers and discarded chemicals; gases in pressure containers (including halons) containing hazardous substances; hazardous waste

Waste disposal number of contaminated packaging



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150104 WASTE PACKAGING; ABSORBENTS, WIPING CLOTHS, FILTER MATERIALS AND PROTECTIVE CLOTHING NOT OTHERWISE SPECIFIED; packaging (including separately collected municipal packaging waste); metallic packaging

SECTION 14: Transport information

Land transport (ADR/RID)

14.1. UN number: UN 1950
14.2. UN proper shipping name: AEROSOLS
14.3. Transport hazard class(es): 2
Hazard label: 2.1



Classification code: 5F
Limited quantity: LQ2

Other applicable information (land transport)

Special provisions: 190 - 327 - 625

E0

Transport category: 2

Tunnel restriction code: D

Marine transport (IMDG)

14.1. UN number: UN 1950
14.2. UN proper shipping name: AEROSOLS
14.3. Transport hazard class(es): 2.1
14.4. Packing group: -
Hazard label: 2, see SP63

Marine pollutant: •
Limited quantity: See SP277
EmS: F-D, S-U

Other applicable information (marine transport)

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

Air transport (ICAO-TI/IATA-DGR)

14.1. UN number: UN 1950
14.2. UN proper shipping name: AEROSOLS, flammable
14.3. Transport hazard class(es): 2.1
14.4. Packing group: -
Hazard label: 2.1



Special Provisions: A145 A167 A802
Limited quantity Passenger: 30 kg G
IATA-packing instructions - Passenger: 203
IATA-max. quantity - Passenger: 75 kg
IATA-packing instructions - Cargo: 203

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IATA-max. quantity - Cargo: 150 kg

Other applicable information (air transport)E0
: Y203
150 kg**SECTION 15: Regulatory information****15.1. Safety, health and environmental regulations/legislation specific for the substance or mixture****EU regulatory information**

Restrictions on use (REACH, annex XVII):

Entry 28: butane; isobutane

2004/42/EC (VOC): 35,56

National regulatory information

Employment restrictions: Observe restrictions to employment for juvenils according to the 'juvenile work protection guideline' (94/33/EC). Observe employment restrictions under the Maternity Protection Directive (92/85/EEC) for expectant or nursing mothers.

Water contaminating class (D): 2 - water contaminating

SECTION 16: Other information**Relevant H and EUH statements (number and full text)**

H220 Extremely flammable gas.
H222 Extremely flammable aerosol.
H229 Pressurised container: May burst if heated.
H315 Causes skin 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 data for the hazardous ingredients were taken respectively from the last version of the sub-contractor's safety data sheet.)