

# US Safety Data Sheet

CLEAN & POLISH



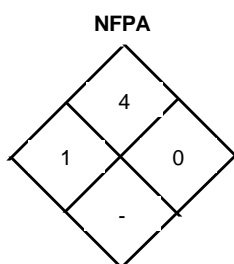
Date of issue / Reference 03/21/2007 uh  
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Company **BUCHER AG LANGENTHAL, MOTOREX-Schmiertechnik, CH-4901 Langenthal, Switzerland**

## 1 Commercial product name and supplier

1.1 Commercial product name / Designation **CLEAN & POLISH**



HMIS	
H	1
F	4
R	0
C	-

1.2 Application / Use **Cleansing and maintenance agent**

1.3 Producer **BUCHER AG LANGENTHAL, MOTOREX-Schmiertechnik, CH-4901 Langenthal, Schweiz, T. +41 (0)62 919 7575**

1.4 Supplier **MOTOREX USA, 900 Mendelssohn Ave. N, Golden Valley, MN 55427, USA, +1 763-417-1377**

1.5 TOX emergency number **USA + Canada: 1 800 424 9300 (Chemtrec Chemical Manufacturers Association, Arlington, VA 22209)**

1.6 Product No.

## 2 Composition

2.1 Chemical characterization **Cationic and nonionic tensides  
Propane/butane (propellant)**

2.2 Hazardous components **Dangerous substances according to the criteria of the EC (Council Directive 88/379/EEC):**

CAS No. 74-98-6	2-4 % Propane F+: Extremely flammable. R12: Extremely flammable.
CAS No. 106-97-8	10-15 % Butane F+: Extremely flammable. R12: Extremely flammable.
CAS No. 112-34-5	<3 % Quaternary Cocosalkylaminoethoxylat 20-40 %, alcholethoxylat 40-60 % Xi: Irritant. R36: Irritating to eyes. <0.1 % 2-(2-Butoxyethoxy)ethanol Xi: Irritant. R36: Irritating to eyes. R43: May cause sensitisation by skin contact. R52/53: Harmful to aquatic organisms, may cause long-term adverse effects in the aquatic environment.

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## 2.3 Further information

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**3 Hazards identification** Extremely flammable.  
Can is under pressure. Protect from direct sunlight and temperatures above 50°C (122°F). Do not pierce or burn can after use. Do not spray towards flame or incandescent object.  
Keep away from sources of ignition - No smoking. Keep out of the reach of children.

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**4 First aid measures** No adverse effects anticipated by this route of exposure incidental to proper industrial handling.

4.1 Eye contact Flush eyes with plenty of water.

4.2 Skin contact No adverse effects anticipated by this route of exposure.

4.3 Ingestion

4.4 Inhalation No adverse effects anticipated by this route of exposure.

4.5 Further information

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## 5 Fire-fighting measures

5.1 Suitable extinguishing media Water fog, carbon dioxide, dry chemical, foam, alcohol resistant foam.

5.2 Extinguishing media to avoid None under normal conditions.

Test method:

5.3 Flash point  
Pressurized gas

5.4 Ignition temperature

5.5 Explosion limits  
Lower: 2.1 Vol%  
Upper: 9.5 Vol% ((1013 mbar))

5.6 Further information None.

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**6 Accidental release measures** Remove all sources of ignition.  
Clean area with water.  
Contain run-off to prevent entry into water or drainage systems.

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## 7 Handling and storage

7.1 Handling Do not spray towards flame or incandescent object.  
Keep away from sources of ignition - No smoking.

7.2 Industrial hygiene Avoid breathing mists.

7.3 Storage Protect from direct sunlight and temperatures above 50°C (122°F).  
Keep out of the reach of children.

7.4 Place of storage

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## 7.5 Fire- and explosion-protection

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## 8 Exposure controls / Personal protection

- 8.1 Technical measures Good general ventilation should be sufficient for most processing operations.
- 8.2 Control of threshold limits None established for the mixture.
- 8.3 Personal protective equipment
- 8.3.1 Respiratory protection None required.
- 8.3.2 Hand protection None required.
- 8.3.3 Eye protection None required.
- 8.3.4 Other
- 

## 9 Physical and chemical properties

- 9.1 Appearance liquified gas
- 9.2 Colour colourless
- 9.3 Odour characteristic
- 9.4 Change of physical state Test method:
- 9.5 Density 0.932 g/cm<sup>3</sup> (20°C) ASTM D 4052
- 9.6 Vapour pressure 3200 mbar (20°C)
- 9.7 Viscosity <1 mm<sup>2</sup>/s (40°C) DIN 51562-1
- 9.8 Solubility  
in water partially miscible

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9.9 pH 6.8

9.10 Further information None.

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## 10 Stability and reactivity

10.1 Thermal decomposition Stable under recommended storage conditions.  
10.2 Hazardous decomposition products None under normal conditions of storage and use.  
10.3 Hazardous reactions No hazards known.  
10.4 Further information

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## 11 Toxicological information

11.1 Acute toxicity No relevant information found.  
11.2 Subacute / Chronic toxicity  
11.3 Further information

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12 **Ecological information** Water Hazard Class (Germany): Class 1 (self assessment): slightly hazardous for water.

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13 **Disposal considerations** Comply with local and national regulations.

13.1 EU/CH waste key 16 01 99 Waste o.n.s

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## 14 Transport information

14.1 Transport at land ADR 2 RID 2

UN Number 1950 Kemler Number  
Packing Group  
Proper shipping name Aerosols, flammable, n.o.s.

14.2 Transport at sea ADNRR IMDG 2

UN Number 1950  
EMS F-D, S-U MFAG  
Packing Group  
Proper shipping name Aerosols, flammable, n.o.s.

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14.3	Air transport	ICAO / IATA-DGR	2.1
		UN Number	1950
		Packing Group	
		Proper shipping name	Aerosols, flammable, n.o.s.
	Passenger airplane	Packing Instructions	Y203
		max.	30 kg G
	Cargo Airplane	Packing Instructions	203
		max.	75 kg
14.4	Further information	The product is classified for transportation. U.S. DOT hazard classification: ORM-D. Carton must bear ORM-D marking and orientation arrows.	

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**15 Regulatory information** Classification according to EEC criteria.

15.1 National regulations

15.2 NFPA Storage

15.3 Further information None.

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**16 Other information** No other information.

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*The above mentioned data correspond to our present state of knowledge and experience. The safety data sheet serves as description of the products in regard to necessary safety measures. The indications do not have the meaning of guarantees on properties.*

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