

US Safety Data Sheet

PROTEX Impregnation Spray



Date of issue / Reference

03/23/2007 uh

Replaces version of

02/07/2006 uh

Date of printing

03/23/2007 **Sheet No. 1282**

Page 1 of 5

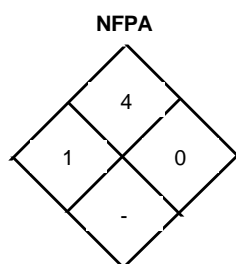
Company

BUCHER AG LANGENTHAL, MOTOREX-Schmiertechnik, CH-4901
Langenthal, Switzerland

1 Commercial product name and supplier

1.1 Commercial product name /
Designation

PROTEX Impregnation Spray



HMIS	
H	1
F	4
R	0
C	-

1.2 Application / Use

Impregnation

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

Hydrocarbons
Fluorine carbon polymer
Propane/butane (propellant)
Petrol fraction (aromatics <0,5%)

2.2 Hazardous components

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

CAS No. 64742-49-0

30-50 % Naphtha (petroleum), hydrotreated light

Xn: Harmful. F: Highly flammable. N: Dangerous for the environment. R11:
Highly flammable. R38: Irritating to skin. R65: Harmful: may cause lung damage
if swallowed. R51/53: Toxic to aquatic organisms, may cause long-term adverse
effects in the aquatic environment.

CAS No. 108-21-4

1-5 % Fluorocarbon with Isopropyl acetate

Xi: Irritant. F: Highly flammable. R11: Highly flammable. R36: Irritating to
eyes. R67: Vapours may cause drowsiness and dizziness.

CAS No. 64-17-5/67-63-

15-20 % Ethanol / Isopropanol mixture

Xi: Irritant. F: Highly flammable. R11: Highly flammable. R36: Irritating to
eyes. R67: Vapours may cause drowsiness and dizziness.

US Safety Data Sheet

PROTEX Impregnation Spray



Date of issue / Reference

03/23/2007 uh

Replaces version of

02/07/2006 uh

Date of printing

03/23/2007 **Sheet No. 1282**

Page 2 of 5

CAS No. 74-98-6 / 106- 30-35 % Propane/Butane-Mixture (20/80)

F+: Extremely flammable. R12: Extremely flammable.

2.3 Further information

3 Hazards identification

Extremely flammable. Irritating to eyes. Vapours may cause drowsiness and dizziness. Harmful to aquatic organisms, may cause long-term adverse effects in the aquatic environment.
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 out of the reach of children.

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

Remove residues with soap and water.

4.3 Ingestion

4.4 Inhalation

Take into fresh air.

4.5 Further information

5 Fire-fighting measures

5.1 Suitable extinguishing media

Carbon dioxide, dry chemical and protein based foam.

5.2 Extinguishing media to avoid

Water spray.

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.

6 Accidental release measures

Spills should be contained by, and covered with suitable absorbent material and removed for disposal.

7 Handling and storage

7.1 Handling

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

7.2 Industrial hygiene

Avoid breathing mists.

7.3 Storage

Protect from direct sunlight and temperatures above 50°C (122°F).

US Safety Data Sheet

PROTEX Impregnation Spray



Date of issue / Reference

03/23/2007 uh

Replaces version of

02/07/2006 uh

Date of printing

03/23/2007 **Sheet No. 1282**

Page 3 of 5

Keep out of the reach of children.

7.4 Place of storage

7.5 Fire- and explosion-protection

Use only if ventilation is good.

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

solvent

9.4 Change of physical state

Test method:

9.5 Density

0.665 g/cm³ (20°C)

ASTM D 4052

9.6 Vapour pressure

3200 mbar (20°C)

9.7 Viscosity

<50 mm²/s (40°C)

DIN 51562-1

US Safety Data Sheet

PROTEX Impregnation Spray



Date of issue / Reference

03/23/2007 uh

Replaces version of

02/07/2006 uh

Date of printing

03/23/2007 **Sheet No. 1282**

Page 4 of 5

9.8 Solubility

in water

insoluble

9.9 pH

not applicable

9.10 Further information

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

11 Toxicological information

11.1 Acute toxicity

In hyper-sensitive people very low concentrations may lead to bronchoconstriction (asthmatic signs and symptoms).

11.2 Subacute / Chronic toxicity

11.3 Further information

12 Ecological information

Water Hazard Class (Germany): Class 2 (self assessment): hazardous for water.

13 Disposal considerations

Comply with local and national regulations.

13.1 EU/CH waste key

16 01 99 Waste o.n.s

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.

US Safety Data Sheet

PROTEX Impregnation Spray



Date of issue / Reference

03/23/2007 uh

Replaces version of

02/07/2006 uh

Date of printing

03/23/2007 **Sheet No. 1282**

Page 5 of 5

14.2	Transport at sea	ADNR	IMDG	2
		UN Number	1950	
		EMS	F-D, S-U	MFAG
		Packing Group		
		Proper shipping name	Aerosols, flammable, n.o.s.	
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.		

15 Regulatory information

This product requires classification according to the criteria of the EC and the "Gefahrstoffverordnung".

15.1 National regulations

15.2 NFPA Storage

15.3 Further information

16 Other information

No other information.

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.