

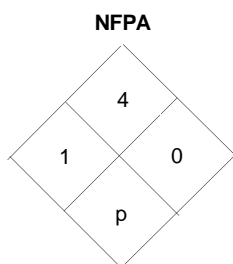
US Material Safety Data Sheet Easy Clean refill

Date of issue / Reference 11/28/2008 uh
Replaces version of 04/27/2007 uh
Date of printing 04/17/2009 **Sheet No. 973** Version 1 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 **Easy Clean refill**



HMIS	
H	1
F	4
R	0
C	p

1.2 Application / Use Solvent

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 24 Hour Emergency Assistance USA + Canada: 1 800 424 9300 (Chemtrec Chemical Manufacturers Association, Arlington, VA 22209)

General MSDS Assistance

1.6 Product No.

2 Composition

2.1 Chemical characterization Aliphatic hydrocarbons
Alcohols

2.2 Hazardous components Components contributing to hazard:

CAS No. 64742-48-9 70-80 % Dearomatized hydrocarbon (i-/n-Nonan)
Xn: Harmful. R10: Flammable. R65: Harmful: may cause lung damage if swallowed.
R66: Repeated exposure may cause skin dryness or cracking. R67: Vapours may cause drowsiness and dizziness.
MAK values : 1200 mg/m³

CAS No. 5989-27-5 15-20 % d-Limonenes
Xn: Harmful. R10: Flammable. R38: Irritating to skin. R65: Harmful: may cause lung damage if swallowed.

CAS No. 67-63-0 7-9 % Isopropyl alcohol
Xi: Irritant. F: Highly flammable. R11: Highly flammable. R36: Irritating to eyes. R67: Vapours may cause drowsiness and dizziness.
MAK values : 1000 mg/m³

2.3 Further information None.

US Material Safety Data Sheet

Easy Clean refill

Date of issue / Reference 11/28/2008 uh
Replaces version of 04/27/2007 uh
Date of printing 04/17/2009 **Sheet No. 973** Version 1 Page 2 of 5

3 Hazards identification Highly flammable. Irritating to skin. Harmful: may cause lung damage if swallowed.
contains d-limonenes: can reactions release of allergy

4 First aid measures

- 4.1 Eye contact Flush eyes with plenty of water.
- 4.2 Skin contact Remove residues with soap and water.
- 4.3 Ingestion Do not induce vomiting. Do not take in resorption stimulating agents.
- 4.4 Inhalation Take into fresh air.
- 4.5 Further information None.
-

5 Fire-fighting measures

- 5.1 Suitable extinguishing media Carbon dioxide, dry chemical and protein based foam.
- 5.2 Extinguishing media to avoid DO NOT USE WATER JET.
- 5.3 Flash point 64 °F Test method: DIN 51755
- 5.4 Ignition temperature DIN 51794
- 5.5 Explosion limits Lower: 0.7 Vol% ((1013 mbar))
Upper: 12.7 Vol%
- 5.6 Further information Use water spray to cool fire exposed containers and fire affected zone until fire is out and danger of reignition has passed.
-

6 Accidental release measures Spills should be contained by, and covered with suitable absorbent material and removed for disposal.
Do not allow to flow off into the drains or waters.
Ensure adequate venting.
Remove or keep away from sources of ignition.

7 Handling and storage

- 7.1 Handling Take precautionary measures against electrostatic charging.
Evolving vapours are heavier than air and may present a fire and explosion hazard. They can accumulate in lower areas or may travel along the ground to an ignition source and flash back.
Provide adequate ventilation.
- 7.2 Industrial hygiene As this product exhibits de-fattening properties, contact with skin should be avoided.
Avoid breathing mists.

US Material Safety Data Sheet

Easy Clean refill

Date of issue / Reference	11/28/2008	uh		
Replaces version of	04/27/2007	uh		
Date of printing	04/17/2009	Sheet No. 973	Version 1	Page 3 of 5

7.3 Storage Store containers tightly closed in a well ventilated area.

7.4 Place of storage

7.5 Fire- and explosion-protection Keep away from sources of ignition.
Take precautions to avoid accumulation of static charge.

8 Exposure controls / Personal protection

8.1 Exposure controls Use only with adequate ventilation.

8.2 Exposure limit values None established.

8.3 Occupational exposure controls

8.3.1 Respiratory protection None required.

8.3.2 Hand protection Solvent resistant gloves.

8.3.3 Eye protection Use safety glasses.

8.3.4 Other None.

8.4 Environmental exposure controls

9 Physical and chemical properties

9.1 Appearance liquid

9.2 Colour colourless

9.3 Odour lemon

9.4 Change of physical state Test method:
Boiling range DIN 53171

9.5 Density 0.784 g/cm³ (20°C) ASTM D 4052

9.6 Vapour pressure 42 hPa (20°C)

9.7 Viscosity < 3 mm²/s (40°C) DIN 51562-1

9.8 Solubility
in water partially miscible

US Material Safety Data Sheet

Easy Clean refill

Date of issue / Reference	11/28/2008	uh		
Replaces version of	04/27/2007	uh		
Date of printing	04/17/2009	Sheet No. 973	Version 1	Page 4 of 5

9.9 pH
not applicable

9.10 Further information
Part. coeff. n-octanol/water
Evaporat. rate

None.

10 Stability and reactivity

10.1 Thermal decomposition	No decomposition when distilled at standard pressure.
10.2 Hazardous decomposition products	None known. Complete combustion will give carbon dioxide and water.
10.3 Conditions / materials to avoid	With strong oxidisers.
10.4 Further information	The product is highly flammable.

11 Toxicological information

11.1 Acute toxicity	The oral LD50 for rats is >2000 mg/kg.
11.2 Subacute / Chronic toxicity	
11.3 Further information	Skin: may cause allergic reactions in susceptible individuals.

12 Ecological information

12.1 Ecotoxicity	Water Hazard Class (Germany): Class 1 (self assessment): slightly hazardous for water. Biodegradability (CEC-L-33-A-93): >75%
12.2 Mobility	
12.3 Persistence and degradability	
12.4 Bioaccumulative potential	
12.5 Further information	

13 Disposal considerations Dispose of according to local and national regulations.

14 Transport information

14.1 Transport at land	ADR	3	RID	3
	UN Number	3295	Kemler Number	33
	Packing Group			II
	Proper shipping name			HYDROCARBONS, LIQUID, N.O.S. (ISOHEPTANE, HEPTANE, SOLUTION)

US Material Safety Data Sheet

Easy Clean refill

Date of issue / Reference 11/28/2008 uh
Replaces version of 04/27/2007 uh
Date of printing 04/17/2009 **Sheet No. 973** Version 1 Page 5 of 5

14.2 Transport at sea ADNR IMDG 3

UN Number 3295
EMS F-E, S-D MFAG
Packing Group II
Proper shipping name Hydrocarbons, liquid, n.o.s.: Gasoline fraction solution

Marine pollutant

14.3 Air transport ICAO / IATA-DGR 3
UN Number 3295
Proper shipping name Hydrocarbons, liquid, n.o.s.: Gasoline fraction solution

Subsidiary Risk
Labels Flammable liquid
Packing Group II

Passenger airplane Packing Instructions 305
max. 5 L

Cargo Airplane Packing Instructions 307
max. 60 L

14.4 Further information
The product is classified for transportation.

15 Regulatory information Classification according to EEC criteria.

15.1 National regulations

15.2 NFPA Storage

15.3 Further information None.

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.

