


Date of issue: 16.05.2004	Trade name:	Page: 1/4
Reviewed on: 10.03.2008	<b>DRY HAND CLEANER</b>	

<p><b>1. Identification of substance, company:</b></p> <p>1.1. Identification of substance: <b>DRY HAND CLEANER - R 78460 (spray)</b></p> <p>1.2. Application of the substance/the preparation: Dry foam cleaning agent</p> <p>1.3. Identification of manufacturer/Supplier: RETECH, s.r.o. Vackova 1541/4 150 00 Praha-5 Stodůlky Telephone/Fax: +420 327 596 128, +420 596 428 Information: <a href="mailto:hana.mekotova@retech.cz">hana.mekotova@retech.cz</a></p> <p>1.4. Telephone number for RETECH Suchdol 212, Suchdol u Kutné Hory extraordinary situations: Tel.+420 327 596 128 (7.30-16.00 hour) Toxicology information number, Na bojišti 1, 128 08 PRAHA 2 Tel. +420 224 919 293, +420 224 915 402 (24 hours a day)</p>													
<p><b>2. Hazard identification:</b> The product is labeled due to the calculation procedure of the "General Classification guideline for preparations of the EU" in the latest valid version.</p> <p>2.1. Hazard designation:</p> <p style="text-align: center;">F+</p>  <p style="text-align: center;">Extremely flammable</p> <p>2.2. Information pertaining to particular dangers for man and environment: Extremely flammable.</p> <p>2.3. Additional information: 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 a naked flame or any incandescent material. Keep away from sources of ignition.- No smoking. Buildup of explosive mixtures possible without sufficient ventilation. The classification is in line with current EC lists, It is expanded, however, by information from technical literature and by information furnished by supplier companies.</p>													
<p><b>3. Composition/information on ingredients:</b></p> <p>3.1. Description: Butadiene-Styrol-Copolymer, water, Sodium Lauroyl Sarcosinate (30% in water), Glycerol Dioleate, Parfume (green apple).</p> <p>3.2. Dangerous components:</p> <table border="1"> <thead> <tr> <th>Chemical name</th> <th>Contents(%)</th> <th>Number CAS</th> <th>Number ES</th> <th>Cautionary symbol</th> <th>R sentences</th> </tr> </thead> <tbody> <tr> <td>Propane/butane</td> <td>30-40</td> <td>74-98-6/ 106-97-8</td> <td>200-827-9 /203-448-7</td> <td>F+</td> <td>R 12</td> </tr> </tbody> </table> <p>Additional information: For the wording of the listed risk phrases refer to section 16.</p>		Chemical name	Contents(%)	Number CAS	Number ES	Cautionary symbol	R sentences	Propane/butane	30-40	74-98-6/ 106-97-8	200-827-9 /203-448-7	F+	R 12
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<p><b>4. First aid measures:</b></p> <p>4.1. After inhalation: Supply fresh air.</p> <p>4.2. After skin contact: The product is not irritating.</p> <p>4.3. After eye contact: Rinse opened eye for several minutes under running water. If symptoms persist,</p>													

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4.4.	After swallowing:	consult doctor. Rinse mouth; Do not induce vomiting; Consult a physician.
4.5.	General information:	-
<b>5.</b>	<b>Fire fighting measures:</b>	
5.1.	Suitable extinguishing agents:	Water spray, CO2, extinguishing powder or alcohol resistant foam.
5.2.	For safety reasons unsuitable extinguishing agents:	Water jet.
5.3.	Protective equipment:	Wear protective equipment/clothing when fighting fires.
5.4.	Special hazards caused by the material, its products of combustion or resulting gases:	-
5.5.	Additional information:	Aerosols may explode when overheated. Cool the container with water.
<b>6.</b>	<b>Accidental release measures:</b>	
6.1.	Person-related safety precautions:	No special measures required.
6.2.	Measures for environmental protection:	No special measures required.
6.3.	Measures for cleaning/collecting:	Ensure adequate ventilation. Absorb with liquid-binding material (sand, diatomite, acid binders, universal binders, sawdust).
6.4.	Additional information:	No dangerous materials are released.
<b>7.</b>	<b>Handling and storage:</b>	
7.1.	Handling:	
	Information for safe handling:	Ensure good ventilation/exhaustion at the workplace.
	Information about protection against explosions and fires:	Beware: Container is pressurized. Keep away from direct sun exposure and temperatures over 50°C. Do not open by force or throw into fire even after use. Do not spray on flames or red-hot objects. Keep ignition sources away - Do not smoke.
7.2.	Storage:	
	Requirements to be met by storerooms and containers:	Store in cool location.
	Information about storage in one common storage facility:	-
	Further information about storage conditions:	Protect from heat and direct sunlight.
<b>8.</b>	<b>Exposure controls and personal protection:</b>	
8.1.	Validate parameter:	
	Components with limit values that require monitoring at the workplace:	
	106-97-8 butane	
	OES Short-term value: 1810 mg/m <sup>3</sup> , 750 ppm	
	Long-term value: 1450 mg/m <sup>3</sup> , 600 ppm	
	74-98-6 propane	
	OES Long-term value: 1800 mg/m <sup>3</sup> , 1000 ppm	
	Additional information: The lists that were valid during the compilation were as basis.	
8.2.	Personal protective equipment:	
	Eye protection:	Not required, when used as directed.
	Breathing equipment:	Not required, but ensure adequate ventilation when using the product.
	Protection of hands:	-
	Protection of skin:	-
8.3.	General protective and hygienic measures:	At work do not eat, drink and smoke.



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IMDG-class:	2.1
Page:	-
Number UN:	1950
Packaging group:	-
EMS-group:	F-D, S-U
Marine pollutant:	no
Proper shipping name:	Aerosols
Remark:	„Limited quantities“ LQ2
14.3. Air transport:	
ICAO / IATA -class:	2.1
SN/ID number:	1950
Packaging group:	-
Proper shipping name:	Aerosols, flammable
Remark:	„Limited quantities“

**15. Regulatory information:**

15.1. Labelling according to law line:

The product has been labeled in accordance with EC Directives / relevant national laws.

Danger of determining components and mark to labelling:

Ingredients: Butadiene-Styrol-Copolymer, water, Sodium Lauroyl Sarcosinate (30% ní roztok), Glycerol Dioleate, Parfum: (green apple).

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

Labelling hazardousness:



F+ - Extremely flammable

Numbers and word reading associated hazard R-sentences :

R 12 Extremely flammable.

Numbers and word reading associated security S-sentences:

S 2 Keep out of reach of children.

S 23 Do not breathe gas.

S 46 If swallowed, seek medical advice immediately and show this container or label.

S 51 Use only in well-ventilated areas.

15.2. Used legislation:

European Regulation (EC) No 1907/2006 - REACH

Regulation (EC) No 648/2004 of the European Parliament and of the council of 31 March 2004 on detergents

**16. Other information:**

These data are based on our present knowledge. However, they shall not constitute a guarantee for any specific product features and shall not establish a legally valid contractual relationship.

Relative R-phrases:

R 12 Extremely flammable.