



## Safety Data Sheet according to (EC) No 1907/2006 - ISO 11014-1

Page 1 of 6

BRAKE CLEANER 10L

SDS no. : 76482

V001.6

Revision: 31.08.2007

printing date: 09.01.2008

### 1. Identification of the substance/preparation and of the company/undertaking

**Trade name:**

BRAKE CLEANER 10L

**Intended use:**

Car-care product

**Company name:**

Henkel Loctite Adhesives Ltd  
Technologies House  
Wood Lane End  
HP2 4RQ Hemel Hempstead

Great Britain

Phone: +44 (1442) 278000

Fax-no.: +44 (1442) 278071

**E-mail address of person responsible for Safety Data Sheet:**

ua-productsafety.uk@uk.henkel.com

**Emergency information:**

24 Hours Emergency Tel: +44 (0)20 8312 0291

### 2. Hazards identification

The product is classified as hazardous within the meaning of the valid (EU) preparation guideline.

F - Highly flammable

Xi - Irritant

N - Dangerous for the environment

R11 Highly flammable.

R36/38 Irritating to eyes and skin.

R51/53 Toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment.

R65 Harmful: may cause lung damage if swallowed.

R66 Repeated exposure may cause skin dryness or cracking.

R67 Vapours may cause drowsiness and dizziness.

### 3. Composition / information on ingredients

**General chemical description:**

Cleaner

**Base substances of preparation:**

Organic solvent

**Declaration of ingredients according to EC/1907/2006:**

Hazardous components CAS-No.	EINECS ELINCS	content	Classification
Naphtha, hydrotreated light, <0,1% benzene 64742-49-0	265-151-9	>= 60 - <= 80 %	R10 Xn - Harmful; R65 R66, R67 N - Dangerous for the environment; R51/53
Propan-2-ol 67-63-0	200-661-7	>= 20 - <= 40 %	F - Highly flammable; R11 Xi - Irritant; R36 R67

For full text of the R-Phrases indicated by codes see section 16 'Other Information'.

Substances without classification may have community workplace exposure limits available.

Declaration of ingredients according to Detergent Regulation 648/2004/EC

> 30 %                      aliphatic hydrocarbons  
Further ingredients        isopropanol

#### 4. First aid measures

**Inhalation:**

Move to fresh air, consult doctor if complaint persist.

**Skin contact:**

Rinse with running water and soap. Apply replenishing cream. Change all contaminated clothing.

**Eye contact:**

Wash with plenty of water immediately and continue for several minutes, holding eyelid open. Consult a doctor.

**Ingestion:**

Do not induce vomiting, seek medical advice immediately.

#### 5. Fire fighting measures

**Suitable extinguishing media:**

All common extinguishing agents are suitable.

**Extinguishing media which must not be used for safety reasons:**

High pressure waterjet

**Special protection equipment for firefighters:**

Wear self-contained breathing apparatus.

**Hazardous combustion products:**

carbon oxides, Other decomposition products

#### 6. Accidental release measures

**General information:**

Danger of slipping on spilled product.  
Keep away from sources of ignition and naked flames.

**Personal precautions:**

See advice in chapter 8

**Environmental precautions:**

Do not empty into drains / surface water / ground water.

**Clean-up methods:**

Wipe up using absorbent material and subject to waste incineration.  
For mechanical removal use explosion-proof devices.  
Dispose of contaminated material as waste according to item 13.

## 7. Handling and storage

**Handling:**

Ventilate working rooms thoroughly. Avoid naked flames, sparking and sources of ignition. Switch off electrical devices. Do not smoke, do not weld. Do not empty waste into waste water drains.

Take measures to prevent the build-up of electrostatic charges.

Use explosion-proof equipment.

**Storage:**

Temperatures between + 10 °C and + 25 °C

Store in a cool place.

## 8. Exposure controls / personal protection

**Components with specific control parameters for workplace:**

Valid for

Great Britain

Basis

Occupational Exposure Limits

Ingredient	ppm	mg/m <sup>3</sup>	Type	Category	Remarks
PROPAN-2-OL 67-63-0	400	999	Time Weighted Average (TWA).		EH40 WEL
	500	1.250	Short Term Exposure Limit (STEL):		EH40 WEL
				Listed.	EH40 WEL

**Respiratory protection:**

Suitable breathing mask when there is inadequate ventilation.

Filter A1-A3 (brown)

**Hand protection:**

Chemical-resistant protective gloves (EN 374). Suitable materials for short-term contact or splashes (recommended: at least protection index 2, corresponding to > 30 minutes permeation time as per EN 374): Isobutylene-isoprene rubber (IIR; >= 0.7 mm thickness) Suitable materials for longer, direct contact (recommended: protection index 6, corresponding to > 480 minutes permeation time as per EN 374): Isobutylene-isoprene rubber (IIR; >= 0.7 mm thickness) This information is based on literature references and on information provided by glove manufacturers, or is derived by analogy with similar substances. Please note that in practice the working life of chemical-resistant protective gloves may be considerably shorter than the permeation time determined in accordance with EN 374 as a result of the many influencing factors (e.g. temperature). If signs of wear and tear are noticed then the gloves should be replaced.

**Eye protection:**

Goggles which can be tightly sealed.

**Skin protection:**

Wear protective equipment.

**General protection and hygiene measures:**

Do not eat, drink or smoke while working.

Immediately remove soiled or soaked clothing.

Wash hands before work breaks and after finishing work.

## 9. Physical and chemical properties

**General characteristics:**

Appearance

liquid

liquid

Odor:

colourless

of solvent

**Phys./chem. properties:**

Boiling point

60 °C (140 °F)

(1.013 hPa)	
Flash point	-14 °C (6.8 °F)
Density	0,72 g/cm <sup>3</sup>
(20 °C (68 °F))	
Solubility (qualitative)	partially miscible
(20 °C (68 °F); Solvent: Water)	
Solid content	0,000 %
(105 °C )	
VOC content	100 %
(VOCV 814.018 VOC regulation CH)	

## 10. Stability and reactivity

**Conditions to avoid:**

None known if used to the intended purpose.

**Materials to avoid:**

None if used for intended purpose.

**Hazardous decomposition products:**

No decomposition if used according to specifications.

## 11. Toxicological information

**General toxicological information:**

Vapors may cause drowsiness and dizziness.

Health hazard: may damage lungs if swallowed.

The present product is a chemical preparation within the meaning of the chemicals act. The following evaluation has been made on the basis of the toxicological data and content by weight of the individual ingredients.

**Skin irritation:**

Primary skin irritation: irritating

**Eye irritation:**

Primary eye irritation: irritating

## 12. Ecological information

**Persistence and degradability:****Degradation of surfactants**

Due to the ingredients, the product is not subject to the EU Detergent Regulation (EC/648/2004)

**General ecological information:**

Do not empty into drains, soil or bodies of water.

Toxic to aquatic organisms

May cause long-term adverse effects in the aquatic environment.

## 13. Disposal considerations

**Product disposal:**

The valid EEC waste code numbers are not product-related but are largely source-related. The manufacturer is therefore unable to specify EEC waste codes for the articles or products used in the various sectors. These can be requested from the manufacturer.

In consultation with the responsible local authority, must be subjected to special treatment.

**Waste code(EWC ):**

14 06 03 - other solvents and solvent mixtures

**14. Transport information****Road transport ADR:**

Class: 3  
Packaging group: II  
Classification code: F1  
Hazard ident. number: 33  
UN no.: 1993  
Label: 3  
Technical name: FLAMMABLE LIQUID, N.O.S. (Benzine,Isopropanol)  
Additional information: Special provision 640D

**Railroad transport RID:**

Class: 3  
Packaging group: II  
Classification code: F1  
Hazard ident. number: 33  
UN no.: 1993  
Label: 3  
Technical name: FLAMMABLE LIQUID, N.O.S. (Benzine,Isopropanol)  
Additional information: Special provision 640D

**Inland water transport ADN:**

Class: 3  
Packaging group: II  
Classification code: F1  
Hazard ident. number: 33  
UN no.: 1993  
Label: 3  
Technical name: FLAMMABLE LIQUID, N.O.S. (Benzine,Isopropanol)  
Additional information: Special provision 640D

**Marine transport IMDG:**

Class: 3  
Packaging group: II  
UN no.: 1993  
Label: 3  
EmS: F-E ,S-E  
Seawater pollutant: -  
Proper shipping name: FLAMMABLE LIQUID, N.O.S. (Benzine,Isopropanol)

**Air transport IATA:**

Class: 3  
Packaging group: II  
Packaging instructions (passenger): 305  
Packaging instructions (cargo): 307  
UN no.: 1993  
Label: 3  
Proper shipping name: Flammable liquid n.o.s. (Benzine,Isopropanol)

## 15. Regulations - classification and identification

### Indication of danger:

Xn - Harmful

F - Highly flammable

N - Dangerous for the environment



### Contains

Naphtha (petroleum), hydrotreated light; Low boiling point hydrogen treated naphtha <0,1% benzene

### Risk phrases:

- R36/38 Irritating to eyes and skin.
- R51/53 Toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment.
- R65 Harmful: may cause lung damage if swallowed.
- R66 Repeated exposure may cause skin dryness or cracking.
- R67 Vapours may cause drowsiness and dizziness.

### Safety phrases:

- S16 Keep away from sources of ignition - No smoking.
- S23 Do not breathe vapour.
- S29 Do not empty into drains.
- S33 Take precautionary measures against static discharges.
- S51 Use only in well-ventilated areas.
- S60 This material and its container must be disposed of as hazardous waste.

### VOC Paints and Varnishes (EU):

Product (sub)category:

This product is not a subject of the Directive 2004/42/EC

## 16. Other information

The labelling of the product is indicated in Section 15. The full text of the R-phrases indicated by codes in this safety data sheet are as follows:

- R10 Flammable.
- R11 Highly flammable.
- R36 Irritating to eyes.
- R51/53 Toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment.
- R65 Harmful: may cause lung damage if swallowed.
- R66 Repeated exposure may cause skin dryness or cracking.
- R67 Vapours may cause drowsiness and dizziness.

### Further information:

This information is based on our current level of knowledge and relates to the product in the state in which it is delivered. It is intended to describe our products from the point of view of safety requirements and is not intended to guarantee any particular properties.