

SAFETY DATA SHEET

Hakutex 111 cold cleaning agent

SECTION 1 IDENTIFICATION: PRODUCT IDENTIFIER AND CHEMICAL IDENTITY

1.1 Product identifier

Hakutex 111 cold cleaning agent

1.2 Relevant identified uses of the substance or mixture and uses advised against

Relevant identified uses

Lubricants, greases, release products

Details of Supplier/Manufacturer

Company: Penske Australia Pty Ltd
Address: 488 Blackshaws Road, Altona North, Victoria 3025
Phone: (03) 9243 9292
Fax: (03) 9243 9271
Website: www.penske.com.au

Emergency Telephone Numbers

All Hours: 1800 625 526

Poisons Information:

Australia: 13 11 26

New Zealand: 0800 764 766

SECTION 2 HAZARDS IDENTIFICATION

2.1 Classification of the substance or mixture

Classification according to Directive 67/548/EEC or 1999/45/EC

Harmful: may cause lung damage if swallowed. · Irritating to eyes and skin.

Xn; R 65 · Xi ; R 36/38

Classification procedure

Calculation method. Harmonised (legal) classification.

Classification according to Regulation (EC) No. 1272/2008 [CLP]

Asp. Tox. 1; H304 - Aspiration hazard: Category 1; May be fatal if swallowed and enters airways.

Eye Dam. 1; H318 - Serious eye damage/eye irritation: Category 1; Causes serious eye damage.

Skin Corr. 1B; H314 - Skin corrosion/irritation: Category 1B ; Causes severe skin burns and eye damage.

2.2 Label elements

Labelling according to Regulation (EC) No. 1272/2008 [CLP]

Hazard pictograms



Health hazard (GHS08) · Corrosion (GHS05)

Signal word: Danger

Hazard components for labelling

HYDROCARBONS, C11-C14, N-ALKANES, ISO-ALKANES, CYCLICS, < 2% AROMATES
BENZENESULPHONIC ACID, 4-C10-13-SEC-ALKYL DERIVATIVES; CAS No. : 85536-14-7

Hazard statements

H304

May be fatal if swallowed and enters airways.

H314

Causes severe skin burns and eye damage.

Precautionary statements

P280

Wear protective gloves/protective clothing/eye protection/face protection.

P264

Wash hands thoroughly after handling.

P260

Do not breathe dust/fume/gas/mist/vapours/spray.

P305+P351+P338

IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.

P303+P361+P353

IF ON SKIN (or hair): Remove/Take off immediately all contaminated clothing. Rinse skin with water/shower.

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P405

Store locked up.

2.3 Other hazards

None

SECTION 3 COMPOSITION AND INFORMATION ON INGREDIENTS

ORGANIC SOLVENTS, ADDITIVES

3.2 Mixtures

Hazardous ingredients

HYDROCARBONS, C11-C14, N-ALKANES, ISO-ALKANES, CYCLICS, < 2% AROMATES; REACH registration No : 01-2119456620-43; EC No. : 926-141-6

Weight fraction: $\geq 75 - < 100 \%$

Classification 67/548/EEC: Xn; R65 R66

Classification 1272/2008 [CLP]: Asp. Tox. 1; H304

2-(2-BUTOXYETHOXY)ETHANOL; REACH registration No.: 01-2119475104-44; EC No. : 203-961-6; CAS No. : 112-34-5

Weight fraction: $\geq 10 - < 20 \%$

Classification 67/548/EEC: Xi; R36

Classification 1272/2008 [CLP]: Eye Irrit. 2; H319

BENZENESULPHONIC ACID, 4-C10-13-SEC-ALKYL DERIVATIVES; REACH registration No. : 01-2119490234-40; EC No. : 287-494-3; CAS No.: 85536-14-7

Weight fraction: $\geq 5 - < 10 \%$

Classification 67/548/EEC: C; R34 Xn; R22

Classification 1272/2008 [CLP]: Skin Corr. 1B; H314 Acute Tox. 4; H302

Additional information

Full text of R-, H- and EUH-phrases: see section 16.

SECTION 4 FIRST AID MEASURES

4.1 Description of first aid measures

General information

In case of accident or unwellness, seek medical advice immediately (show directions for use or safety data sheet if possible). Remove affected person from the danger area and lay down. Never give anything by mouth to an unconscious person or a person with cramps. If unconscious place in recovery position and seek medical advice.

Following inhalation

In case of respiratory tract irritation, consult a physician. Remove casualty to fresh air and keep warm and at rest.

In case of skin contact

Remove contaminated, saturated clothing immediately. After contact with skin, wash immediately with plenty of water and soap. In case of skin reactions, consult a physician.

After eye contact

In case of contact with eyes flush immediately with plenty of flowing water for 10 to 15 minutes holding eyelids apart and consult an ophthalmologist.

After ingestion

If accidentally swallowed rinse the mouth with plenty of water (only if the person is conscious) and obtain immediate medical attention. Let water be drunk in little sips (dilution effect).

4.2 Most important symptoms and effects, both acute and delayed

Respiratory complaints Cough Pulmonary irritation Irritation to eyes

4.3 Indication of any immediate medical attention and special treatment needed

None

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SECTION 5 FIRE FIGHTING MEASURES

The product itself does not burn. Co-ordinate fire-fighting measures to the fire surroundings.

5.1 Extinguishing media

Suitable extinguishing media
alcohol resistant foam Carbon dioxide (CO₂) Extinguishing powder Water spray
Unsuitable extinguishing media
Full water jet

5.2 Special hazards arising from the substance or mixture

In case of fire may be liberated: Carbon monoxide. Carbon dioxide (CO₂) Nitrogen oxides (NO_x)

5.3 Advice for firefighters

In case of fire: Wear self-contained breathing apparatus. Protective clothing.

5.4 Additional information

Collect contaminated fire extinguishing water separately. This must not be discharged into drains. Move undamaged containers from immediate hazard area if it can be done safely.

SECTION 6 ACCIDENTAL RELEASE MEASURES

6.1 Personal precautions, protective equipment and emergency procedures

Use personal protection equipment. Provide adequate ventilation. Wear breathing apparatus if exposed to vapours/ dusts/ aerosols. See protective measures under point 7 and 8.

6.2 Environmental precautions

Do not allow to enter into surface water or drains. Do not allow to enter into soil/subsoil.

6.3 Methods and material for containment and cleaning up

Take up mechanically. Wipe up with absorbent material (eg. cloth, fleece). Clear contaminated areas thoroughly. Clean with detergents. Avoid solvent cleaners. Collect in closed and suitable containers for disposal.

6.4 Reference to other sections

None

SECTION 7 HANDLING AND STORAGE



7.1 Precautions for safe handling

Wear personal protection equipment (refer to section 8). Working places should be designed to allow cleaning at any time.

Protective measures

All work processes must always be designed so that the following is excluded: Inhalation of vapours or spray/mists

Measures to prevent fire

Usual measures for fire prevention.

Measures to prevent aerosol and dust generation

Vapours/aerosols should be exhausted directly at the point of origin.

Environmental precautions

Shafts and sewers must be protected from entry of the product.

Specific requirements or handling rules

When diluting/dissolving, always have the water ready first, then slowly stir in the product.

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7.2 Conditions for safe storage, including any incompatibilities

Requirements for storage rooms and vessels

Keep/Store only in original container.

Hints on joint storage

Storage class (VCI): 12

Storage class (TRGS 510): 8A

7.3 Specific end use(s)

None

SECTION 8 EXPOSURE CONTROLS AND PERSONAL PROTECTION

8.1 Control parameters

Occupational exposure limit values

2-(2-BUTOXYETHOXY)ETHANO; CAS No.: 112-34-5

Limit value type (country of origin): TRGS 900 (D)

Limit value: 10 ppm / 67 mg/m³

Peak limitation: 1,5(l)

Remark: Y

Version: 02.04.2014

Limit value type (country of origin): STEL (EC)

Limit value: 15 ppm / 101,2 mg/m³

Version: 07.02.2006

Limit value type (country of origin): TWA (EC)

Limit value: 10 ppm / 67,5 mg/m³

Version: 07.02.2006

8.2 Exposure controls



Personal protection equipment

Eye/face protection

Eye glasses with side protection

Skin protection

Hand protection

Suitable gloves type: Gloves with long cuffs

Suitable material: NBR (Nitrile rubber)

Breakthrough time (maximum wearing time) : >= 480 min

Thickness of the glove material: 0,7 mm

Additional hand protection measures: Check leak tightness/impermeability prior to use. Do not wear gloves near rotary machines and tools. In the case of wanting to use the gloves again, clean them before taking off and air them well.

Remark: The quality of the protective gloves resistant to chemicals must be chosen as a function of the specific working place concentration and quantity of hazardous substances. For special purposes, it is recommended to check the resistance to chemicals of the protective gloves mentioned above together with the supplier of these gloves.

Body protection

lab coat Overall

Recommended material: Natural fibres (e.g. cotton) heat-resistant synthetic fibres

Additional body protection measures: For the protection against direct skin contact, body protective clothing is essential (in addition to the usual working clothes). Chemical resistant safety shoes

Remark: Only wear fitting, comfortable and clean protective clothing.

Respiratory protection

If technical exhaust or ventilation measures are not possible or insufficient, respiratory protection must be worn. Respiratory protection necessary at: aerosol or mist formation. / exceeding exposure limit values

Suitable respiratory protection apparatus

Filtering device (full mask or mouthpiece) with filter: A

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Remark

The filter class must be suitable for the maximum contaminant concentration (gas/vapour/aerosol/particulates) that may arise when handling the product. If the concentration is exceeded, self-contained breathing apparatus must be used.

General health and safety measures

Wash hands before breaks and after work. Apply skin care products after work.

SECTION 9 PHYSICAL AND CHEMICAL PROPERTIES

9.1 Information on basic physical and chemical properties

Appearance:	liquid		
Colour:	yellow		
Odour:	characteristic		
Safety relevant basis data			
Melting point/melting range:	not determined		
Initial boiling point and boiling range:	(1013 hPa)	200,0 - 240,0 °C	
Decomposition temperature:		No data available	
Flash point:		78,0 °C	DIN 51755 part 1
Ignition temperature:		225,0 °C	
Oxidising liquids:		Not applicable.	
Lower explosion limit:		0,6 Vol-%	
Upper explosion limit:		6,5 Vol-%	
Explosive properties:		Not applicable.	
Vapour pressure 20°C):	(20 °C)	No data available	
Density:	(20 °C)	ca. 0,823 g/cm ³	
Water solubility:	(20 °C)	emulsifiable	
pH-value:	(20 °C / 100 g/l)	1,8 - 2,4	
log P O/W:		No data available	
Cinematic viscosity:	(40 °C)	ca. 2,0 mm ² /s	
Odour threshold:		No data available	
Relative vapour density:	(20 °C)	No data available	
Vapourisation rate:		No data available	
Maximum VOC content (EC):	(20 °C)	78,0 Wt %	gem. RL 1999/13/EG

9.2 Other information

no more data available

SECTION 10 STABILITY AND REACTIVITY

10.1 Reactivity

No information available.

10.2 Chemical stability

Stable under recommended storage and handling conditions(See section 7).

10.3 Possibility of hazardous reactions

Exothermic reaction with: Alkali (lye).

10.4 Conditions to avoid

No information available.

10.5 Incompatible materials

Alkali (lye). Oxidising agent.

10.6 Hazardous decomposition products

Does not decompose when used for intended uses.

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SECTION 11 TOXICOLOGICAL INFORMATION

11.1 Information on toxicological effects

Acute effects

Irritant and corrosive effects

11.2 Toxicokinetics, metabolism and distribution

No information available.

11.3 Other adverse effects

No information available.

11.4 Additional information

The product is classified and labelled according to EC directives or corresponding national laws.

Classification according to Regulation (EC) No. 1272/2008 [CLP] Toxicological data are not available.

SECTION 12 ECOLOGICAL INFORMATION

12.1 Toxicity

No information available.

12.2 Persistence and degradability

Biodegradation

The surfactants contained in this preparation comply with the biodegradability criteria as laid down in

Regulation (EC)

No.648/2004 on detergents.

12.3 Bioaccumulative potential

No information available.

12.4 Mobility in soil

No information available.

12.5 Results of PBT and vPvB assessment

No information available.

12.6 Other adverse effects

No information available.

12.7 Additional ecotoxicological information

None

SECTION 13 DISPOSAL CONSIDERATIONS

The product is an acid. Before discharge into sewage plants the product normally needs to be neutralised.

Dispose according to legislation.

13.1 Waste treatment methods

Product/Packaging disposal

Waste codes/waste designations according to EWC/AVV

Waste code product

Waste code (91/689/EEC): 07 06 04*

13.2 Additional information

None

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SECTION 14 TRANSPORT INFORMATION

14.1 UN number

No dangerous goods in sense of this transport regulation.

14.2 UN proper shipping name

No dangerous goods in sense of this transport regulation.

14.3 Transport hazard class(es)

No dangerous goods in sense of this transport regulation.

14.4 Packing group

No dangerous goods in sense of this transport regulation.

14.5 Environmental hazards

No dangerous goods in sense of this transport regulation.

14.6 Special precautions for user

None

SECTION 15 REGULATORY INFORMATION

15.1 Safety, health and environmental regulations/legislation specific for the substance or mixture

National regulations

Water hazard class (WGK)

Class: 1 (Slightly hazardous to water) Classification according to VwVwS

15.2 Chemical Safety Assessment

No information available.

SECTION 16 OTHER INFORMATION

16.1 Indication of changes

02. Classification of the substance or mixture · 02. Label elements · 07. Hints on joint storage - Storage class

16.2 Abbreviations and acronyms

None

16.3 Key literature references and sources for data

None

16.4 Relevant R-, H- and EUH-phrases (Number and full text)

H302 Harmful if swallowed.

H304 May be fatal if swallowed and enters airways.

H314 Causes severe skin burns and eye damage.

H319 Causes serious eye irritation.

R22 Harmful if swallowed.

R34 Causes burns.

R36 Irritating to eyes.

R36/38 Irritating to eyes and skin.

R65 Harmful: may cause lung damage if swallowed.

R66 Repeated exposure may cause skin dryness or cracking.

16.5 Training advice

None

The above information describes exclusively the safety requirements of the product and is based on our present-day knowledge. The information is intended to give you advice about the safe handling of the product named in this safety data sheet, for storage, processing, transport and disposal. The information cannot be transferred to other products. In the case of mixing the product with other products or in the case of processing, the information on this safety data sheet is not necessarily valid for the new made-up material.