

SAFETY DATA SHEET

HEXAGON DIACLEAN

Last changed: 11/01/2013

Replaces date: 26/11/2012

Internal No: 8070-01001

1 Identification of the substance/mixture and of the company/undertaking

1.1 Product identifier

Trade name / designation HEXAGON DIACLEAN

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

RELEVANT IDENTIFIED USES Alkaline cleaner

1.3 Details of the supplier of the safety data sheet

NATIONAL MANUFACTURER/IMPORTER

Enterprise
Address
Postal code
Country
E-mail
Internet
Telephone
Fax

SUPPLIER

Enterprise Hexagon Metrology Nordic AB
Address -
Postal code S-631 81 Eskilstuna
Country Sweden
E-mail info.se@hexagonmetrology.com
Internet www.hexagonmetrology.se
Telephone +46 (0)16 160800
Fax +46 (0)16 160890

MANUFACTURER IN EU/EEA, IMPORTER TO EU/EEA

Enterprise A Clean Partner International AB
Address Box 623
Postal code S-441 17 Alingsås
Country Sweden
E-mail info@acleanpartner.se
Internet www.acleanpartner.se
Telephone +46(0)32279400
Fax +46(0)322636622

2 Hazards identification

2.1 Classification of the substance or mixture

DPD Classification:

Most important HSE hazard effects:

2.2 Label elements

EC-Label: No

OTHER LABELLING PHRASES

Not classified as hazardous in accordance with applicable regulations.

2.3 Other hazards

3 Composition/information on ingredients

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3.2 Mixtures

| Ingredient name | Reg.No | EC No. | CAS No. | Conc. (wt%) | DPD-Classification | CLP-classification |
|---|--------|-----------|---------|-------------|----------------------|--|
| ethanol, ethyl alcohol | | 200-578-6 | 64-17-5 | < 0.5 % | F,R11 | Flam. Liq. 2 H225 |
| isopropanol, isopropyl alcohol, propan-2-ol | | 200-661-7 | 67-63-0 | < 0.5 % | Xi,F,R36 - R67 - R11 | Flam. Liq. 2 H225 Eye Irrit. 2 H319 STOT SE 3 H336 |

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

The EUH hazard statements mentioned in CLP-classification are only label elements.

4 First aid measures

4.1 Description of first aid measures

INHALATION

Fresh air.

INGESTION

Drink a few glasses of water. Do not induce vomiting. Contact physician.

SKIN CONTACT

Rinse with water.

EYE CONTACT

Rinse with water. Get medical attention if any discomfort continues.

4.2 Most important symptoms and effects, both acute and delayed

MOST IMPORTANT SYMPTOMS AND EFFECTS, BOTH ACUTE AND DELAYED

May be irritating to eyes.

4.3 Indication of any immediate medical attention and special treatment needed

INDICATION OF ANY IMMEDIATE MEDICAL ATTENTION AND SPECIAL TREATMENT NEEDED

Treat symptomatically.

5 Fire-fighting measures

5.1 Extinguishing media

SUITABLE EXTINGUISHING MEDIA:

Can be extinguished with water mist, powder, foam or carbon dioxide.

5.2 Special hazards arising from the substance or mixture

SPECIAL HAZARDS

No specific hazards.

5.3 Advice for fire-fighters

ADVICE FOR FIREFIGHTERS

Containers close to fire should be removed or cooled with water.

6 Accidental release measures

6.1 Personal precautions, protective equipment and emergency procedures

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PERSONAL PRECAUTIONS

Wear necessary protective equipment.

6.2 Environmental precautions

ENVIRONMENTAL PRECAUTIONS

Prevent discharge into the sewage system or the immediate environment.

6.3 Methods and material for containment and cleaning up

METHODS AND MATERIAL

Small quantities may be flushed to drains with plenty of water. Larger spill: Bank in and collect.

6.4 Reference to other sections

REFERENCES

See Section 1 for contact in case of emergency. See section 8 for information regarding personal protection. See section 13 for information regarding waste treatment.

7 Handling and Storage

7.1 Precautions for safe handling

PRECAUTION FOR SAFE HANDLING

Avoid contact with eyes.

7.2 Conditions for safe storage, including any incompatibilities

CONDITION FOR SAFE STORAGE, INCLUDING ANY UNCOMPATIBILITIES

Store above freezing. Plastic packing material.

7.3 Specific end uses

SPECIFIC END USE(S)

No information available

8 Exposure controls / Personal protection

8.1 Control parameters

OEL value

| Ingredient name | CAS no. | Range | ppm | mg/m3 | Year | Notification |
|------------------------|---------|---------|------|-------|------|--------------|
| ethanol, ethyl alcohol | 64-17-5 | 15 min. | 1000 | 1900 | | |
| ethanol, ethyl alcohol | 64-17-5 | 8 h | 500 | 1000 | | |

R=Toxic for reproduction, H=Skin absorption, K=Carcinogenic, A=Sensitising, T=Upper limit, M=Mutagenic

8.2 Exposure controls

HAND PROTECTION

For prolonged or repeated skin contact use suitable protective gloves (e.g. nitrile rubber).

9 Physical and chemical Properties

9.1 Information on basic physical and chemical properties

PHYSICAL STATE Liquid.

COLOUR Blue.

ODOUR Perfume.

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SOLUBILITY Water soluble.

| Parameter | Value/unit | Method/reference | Observation |
|---|------------|------------------|-------------|
| pH concentrate | 10.7 | | |
| pH in solution | No data | | |
| Melting point | No data | | |
| Freezing point | No data | | |
| Initial boiling point and boiling range | No data | | |
| Flash point | > 100 °C | | |
| Evaporation rate | No data | | |
| Flammability (solid, gas) | No data | | |
| Flammability limits | No data | | |
| Explosion limits | No data | | |
| Vapour pressure | No data | | |
| Vapour density | No data | | |
| Relative density | No data | | |
| Partition coefficient | No data | | |
| Auto-ignition temprature | No data | | |
| Decomposition temprature | No data | | |
| Viscosity | No data | | |

9.2 Other safety information

| Parameter | Value/unit | Method/reference | Observation |
|-----------|------------------------|------------------|-------------|
| Density | 1010 kg/m ³ | | |

| Note no. | Comments |
|----------|----------|
|----------|----------|

10 Stability and Reactivity

10.1 Reactivity

REACTIVITY

No information on specific properties or hazards.

10.2 Chemical stability

CHEMICAL STABILITY

Stable under recommended storage and handling conditions.

10.3 Possibility of hazardous reactions

POSSIBILITY OF HAZARDOUS REACTIONS

No dangerous reactions known.

10.4 Conditions to avoid

CONDITIONS TO AVOID

No special precautions required.

10.5 Incompatible materials

INCOMPATIBLE MATERIALS

No special restrictions regarding storage with other products.

10.6 Hazardous decomposition products:

HAZARDOUS DECOMPOSITION PRODUCTS

No hazardous decomposition products.

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11 Toxicological information

11.1 Toxicological effects

ACUTE TOXICITY - ORAL

May cause nausea and vomiting.

ACUTE TOXICITY - DERMAL

Protracted or repeated exposure may degrease the skin.

SERIOUS EYE DAMAGE/IRRITATION

May cause smarting.

12 Ecological information

12.1 Toxicity

12.2 Persistence and degradability

DEGRADABILITY

The component surfactants are easily biodegradable according to Regulation (EC) No 648/2004 on detergents.

12.3 Bioaccumulative potential

ACCUMULATION

Bioaccumulation improbable.

12.4 Mobility in soil

MOBILITY

No information available

12.5 Results of PBT and vPvB assessment

RESULT OF PBT AND VPVB ASSESSMENT

No information available

12.6 Other adverse effects

OTHER EFFECTS

No information available

13 Disposal considerations

13.1 Waste treatment methods

GENERAL REGULATIONS

The company is member of REPA. Empty and cleaned packaging is sent for recycling.

CATEGORY OF WASTE

EWC code is only a suggestion, final consumer selects a suitable EWC code. 07 06 01 (EWC) 20 01 29 (EWC)

14 Transport information

Classified as Dangerous Goods: No

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Land transport (ADR/RID)

| | | | |
|---------------------------|-----------------|----------------------------|-----------------|
| 14.1 UN-No. | Not applicable. | 14.4 Packing group | Not applicable. |
| 14.2 Proper Shipping Name | Not applicable. | 14.5 Environmental hazards | Not applicable. |
| 14.3 Class(es) | Not applicable. | | |
| Hazard label(s) | Not applicable. | | |
| Hazard ID: | Not applicable. | Tunnel restriction code | Not applicable. |

Inland water ways transport (ADN)

| | | | |
|---|-----------------|----------------------------|-----------------|
| 14.1 UN-No. | Not applicable. | 14.4 Packing group | Not applicable. |
| 14.2 Proper Shipping Name | Not applicable. | 14.5 Environmental hazards | Not applicable. |
| 14.3 Class(es) | Not applicable. | | |
| Environmentally hazardous in tank-vessels | Not applicable. | | |

Sea transport (IMDG)

| | | | |
|-----------------------------|-----------------|----------------------------|-----------------|
| 14.1 UN-No. | Not applicable. | 14.4 Packing group | Not applicable. |
| 14.2 Proper Shipping Name | Not applicable. | 14.5 Environmental hazards | Not applicable. |
| 14.3 Class(es) | Not applicable. | | |
| Sub Risk: | Not applicable. | | |
| IMDG Code segregation group | Not applicable. | | |
| Marine pollutant | Not applicable. | | |
| EMS: | Not applicable. | | |

Air transport (ICAO-TI / IATA-DGR)

| | | | |
|---------------------------|-----------------|----------------------------|-----------------|
| 14.1 UN-No. | Not applicable. | 14.4 Packing group | Not applicable. |
| 14.2 Proper Shipping Name | Not applicable. | 14.5 Environmental hazards | Not applicable. |
| 14.3 Class(es) | Not applicable. | | |
| Hazard label(s) | Not applicable. | | |

15 Regulatory information

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

OTHER REGULATORY INFORMATION

Safety Data Sheet according to regulation (EC) No 1907/2006. German water pollution classification (WGK): 1 Water pollutant.

15.2 Chemical Safety Assessment

OTHER INFORMATION

no data available

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16 Other information

Indication of changes

Indication of changes

| Version | Rev. date | Responsible | Changes |
|---------|------------|-------------------------|--|
| 0.0.1 | 18/04/2011 | A Clean Partner Int. AB | 3,8,9,16 |
| 1.0.0 | 26/11/2012 | A Clean Partner Int. AB | 1,2,3,4,5,6,7,8,9,10,11,12,13,14,15,16 |
| 2.0.0 | 11/01/2013 | A Clean Partner Int. AB | 9,13,15 |

VENDOR NOTES

Regulation (EC) No 648/2004 on detergents: Non-ionic surfactants < 5 % Amphoteric surfactants < 5 % perfumes.

LIST OF RELEVANT R-PHRASES

R11 Highly flammable.
R36 Irritating to eyes.
R67 Vapours may cause drowsiness and dizziness.

LIST OF RELEVANT H-STATEMENTS

H225 Highly flammable liquid and vapour.
H319 Causes serious eye irritation.
H336 May cause drowsiness or dizziness.

SDS IS PREPARED BY

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