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

1.1. Product identifier

Trade name : TOPKLEAN MC 1007 D

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

1.2.1 Relevant identified uses : Cleaning product

1.3. Details of the supplier of the safety data sheet : INVENTEC PERFORMANCE CHEMICALS SA
20 rue de Bourgogne
BP 211
69802 SAINT-PRIEST Cedex France
Tel : +33 (0) 4 72 28 13 00
Fax : +33 (0) 4 72 28 13 41

DISTRIBUTOR : : SPAIN: Perez Pujol, 4 - 2° 46002 Valencia - Tel : (34) 96 353 51 93.
ITALIA: Via Pusterla, 8 - I - 20013 Magenta - Milano - Tel : (39) 02 48 40 12 06.
GERMANY: Robert-Bosch-Str.14 D 40668 Meerbusch - Tel : +49 (0)21 50 70 73 00.
SUISSE: Z.I. Petits Champs 15 CH-1400 Yverdon-les-Bains - Tel : +41(0) 24 424 80 90
HUNGARY: Climalife Kft. 1118 Budapest, Villányi út 47 - Tel: (36) 23 431 660.
NEDERLAND: Van Konijnenburgweg 84 NL-4612PL Bergen op zoom- Tel : (31) 164 212 840

e-mail : ContactFDS@inventec.dehon.com

1.4 Emergency telephone number : EMERGENCY TELEPHONE NUMBER (24h/24) : + 33 (0) 1 72 11 00 03
Anti-poison Center : INRS/ORFILA (France) : +33 (0) 1 45 42 59 59
Anti-poison Centre (Belgium) : +32 70 245 245
Anti-poison Centre (Spain) : +34 91 562 04 20
Anti-poison Centre (Netherlands) : +31 30 274 8888
Anti-poison Centre (United Kingdom) : +44 870 600 6266
Anti-poison Centre (Switzerland) : 145 (from Switzerland) or +41 44 251 51 51
Poisons Information Centre (Hungary) : +36 80 201 199

SECTION 2 Hazards identification

2.1.1. Regulation (EC) No 1272/2008 (CLP)

Health hazards : Aspiration hazard - Category 1 (Asp. Tox. 1) - H304
Eye irritation - Category 2 (Eye Irrit. 2) - H319
Skin irritation - Category 2 (Skin Irrit. 2) - H315

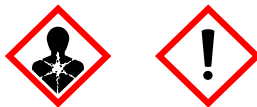
2.1.2 Directive EEC/67/548 or 1999/45/CE : Xn; R65
R66

2.2. Label elements

2.2.1 Labelling EC 1272/2008 (CLP)

Contains : Distillates (petroleum), hydrotreated light
Benzene, C10-13-alkyl derivs

Hazard pictograms



Signal words : Danger


Hazard statements : H304 : May be fatal if swallowed and enters airways
H315 : Causes skin irritation
H319 : Causes serious eye irritation

Precautionary statements :

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SECTION 2 Hazards identification (continued)

- **Prevention** : P280 : Wear protective gloves/protective clothing/eye protection/face protection.
- **Response** : P301+P310 : If swallowed, immediately call a doctor.
P331 : Do NOT induce vomiting
P332+P313 : If skin irritation occurs: Get medical advice/attention
P337+P313 : If eye irritation persists: Get medical advice/attention
- **Disposal considerations** : P501 : Dispose of contents / container to an authorized center in accordance with national regulation
- 2.3. Other hazards** : None

SECTION 3 Composition/information on ingredients

- 3.1./3.2. Substance / Preparation** : Preparation
- Chemical nature** : Mixture of aliphatics hydrocarbons
- Components contributing to the hazard :**


Substance name	Contents	CAS No	EC No	Index No	Ref REACH	Classification
Distillates (petroleum), hydrotreated light :	80 to 95 %	64742-47-8	265-149-8	649-422-00-2	----	Xn; R65 R66 ----- Asp. Tox. 1;H304 EUH066
Benzene, C10-13-alkyl derivs :	2.5 to 10 %	67774-74-7	267-051-0	-----	01-2119489372-31	Xn; R65 ----- Asp. Tox. 1;H304
Carboxyl phosphate ester :	< 3 %	-----	-----	-----	----	Xi; R38-41 ----- Eye Dam. 1;H318 Skin Irrit. 2;H315

SECTION 4 First aid measures

- 4.1. Description of first aid measures**
- Inhalation** : Move the affected person to the fresh air
If breathing difficulties persist :
Call a doctor immediately
- Skin contact** : Wash immediately with plenty of soap and water
If case of redness or irritation, call a doctor
- Eye contact** : Rinse immediately and thoroughly, pulling the eyelids well away from the eye (15 minutes minimum)
If irritation persists, consult an eye specialist
- Ingestion** : Rinse mouth out with water
Never attempt to induce vomiting
Call a doctor immediately, even if there are no immediate symptoms
Transport to hospital.
Do NOT give the affected person anything to drink, even if he is fully conscious
- 4.2. Most important symptoms and effects, both acute and delayed** : Aspiration of the product into the lungs may cause very serious pneumonia
- 4.3. Indication of any immediate medical attention and special treatment needed** : No information available

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SECTION 5 Fire-fighting measures

5.1. Extinguishing media

Suitable extinguishing media : Water spray
Carbon dioxide (CO₂)
Foam
Specific powders

Unsuitable extinguishing media : Strong water jet

5.2. Special hazards arising from the substance or mixture

Specific hazards : May form flammable/explosive vapour-air mixture.
Heating will cause a rise in pressure with a risk of bursting.
Toxic vapours are released (CO, CO₂)

5.3. Advice for firefighters

Specific fire fighting methods : Cool down the containers exposed to heat with a water spray
Contain the extinguishing fluids by bunding

Protection of fire-fighters : Complete protective clothing
Self-contained breathing apparatus

SECTION 6 Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures : Only qualified personnel equipped with suitable protective equipment may intervene
Avoid contact with skin and eyes
Do not breathe vapours
No flames, No sparks. Eliminate all sources of ignition
Turn leaking containers leak-side up to prevent the escape of liquid
Ventilate spillage area

6.2. Environmental precautions : Contain the spilled material by bunding
Do not allow product to spread into the environment
Avoid direct discharge into drains

6.3. Methods and material for containment and cleaning up

- Recovery : Carefully recover the contents of damaged packaging
Collect up the product and place it in a spare container:
- suitably labelled
Keep recovered product for subsequent disposal

- Neutralization : Absorb spillage with:
- earth or sand


- Cleaning/decontamination : Wash with plenty of water and detergent
Recover the cleaning water for subsequent disposal

6.4 Reference to other sections : For further information refer to section 8 "Exposure controls/personal protection"

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SECTION 7 Handling and storage

7.1. Precautions for safe handling

Precautions

- : Work in a well-ventilated area
- Avoid repeated or prolonged contact with the skin
- Avoid contact with eyes.
- Keep away from ignition sources (including static discharges).
- Do not manipulate the product in a confined space

Industrial hygiene

- : Always wash your hands immediately after handling this product, and once again before leaving the workplace

7.2. Conditions for safe storage, including any incompatibilities

Technical measures

- : Does not require any specific or particular technical measures

Storage conditions

- Recommended

- : Store :
 - protected from heat
 - away from direct sunlight
 - in a cool, well-ventilated area
 - the container tightly closed and dry

Packaging materials

- Recommended

- : Steel with an epoxy lining
- Stainless steel
- Polyethylene

- Not suitable

- : Rubbers

7.3. Specific end use(s)

- : No data

SECTION 8 Exposure controls/personal protection

8.1. Control parameters

Engineering measures

- : Ensure good ventilation of the work station

8.2. Exposure controls

Personal protection :

- Respiratory protection

- : In the event of insufficient ventilation:
Mask with A canister

- Hand protection

- : Butadiene nitrile rubber gloves.

- Eye protection


- : Safety goggles

- Skin protection

- : Protective clothing
- Boots.

Collective emergency equipments :

- : For further information see section 4
- Safety shower
- Eye fountain

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SECTION 9 Physical and chemical properties

9.1. Information on basic physical and chemical properties

9.1.a. Appearance

Physical state : Liquid
 Colour : Colourless

9.1.b. Odour : sweet
 Paraffine.

9.1.c. Odour threshold : No information available

9.1.d. pH : Not applicable

9.1.e. Melting point / Freezing point : No information available

9.1.f. Initial boiling point - boiling range : 225 - 305 °C

9.1.g. Flash point : +97 °C (Closed cup)

9.1.h. Evaporation rate : < 0.01 (n-butyl acetate = 1)

9.1.i. Flammability : Difficult to ignite (220°C)

9.1.j. Explosion limits (lower - upper)

Explosion limits - lower : 0.6 % (volume)

Explosion limits - upper : 5.5 % (volume)

9.1.k. Vapour pressure : 10 Pa at 15°C

9.1.l. Vapour density : No information available

9.1.m. Density : 0.800 g/cm³ at 20 °C

9.1.n. Solubility

-in water : Insoluble

9.1.o. Partition coefficient : n-octanol / water : 6.5-8.7 (log Pow)

9.1.p. Auto-ignition temperature : The product does not ignite spontaneously.

9.1.q. Thermal decomposition : No information available

9.1.r. Viscosity

Kinematic viscosity : 2.8 mm²/s at 25 °C

9.1.s. Explosive Properties : Not explosive material according to EC criteria
 Can form explosive mixtures with air

9.1.t. Oxidising properties : Non oxidizing material according to EC criteria

9.2. Other information : No information available

SECTION 10 Stability and reactivity

10.1. Reactivity

10.2. Chemical stability : Stable under normal conditions of use

10.3. Possibility of hazardous reactions : May form flammable vapour-air mixtures.

10.4. Conditions to avoid : -


10.5. Incompatible materials : Strong oxidizing agents

10.6. Hazardous decomposition products : On thermal decomposition (pyrolysis), releases :
 Carbon oxides (CO, CO₂)

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SECTION 11 Toxicological information

11.1. Information on toxicological effects

- Acute toxicity : No information available
- On ingredients
- Skin corrosion/irritation : Causes skin irritation
- Serious eye damage/irritation : Causes serious eye irritation
- Respiratory or skin sensitisation : No sensitizing effect is known
- Germ cell mutagenicity : No information available
- Carcinogenicity : No information available
- Reproductive toxicity : No information available
- STOT-single exposure : No information available
- STOT-repeated exposure : No information available
- Aspiration hazard : May be fatal if swallowed and enters airways

SECTION 12 Ecological information

- 12.1. Toxicity : The product does not have any known adverse effects on the environment.
Do not allow the product, as is, to spread into the environment
- 12.2. Persistence and degradability : No information available
- 12.3. Bioaccumulative potential
- Octanol/water partition coefficient : 6.5-8.7
- 12.4. Mobility in soil : No information available
- 12.5. Results of PBT and vPvB assessment : This mixture contains no substance meeting PBT and vPvB criteria
- 12.6. Other adverse effects : No information available

SECTION 13 Disposal considerations

13.1. Waste treatment methods

WASTE FROM PRODUCT :

- Prohibition : : Do not allow the product to be released into the environment
Do not discharge waste into drains

- Destruction/Disposal : Recycle the material as far as possible.
Non recycled product:
Incinerate at a licensed installation.

CONTAMINATED PACKAGING :

- Prohibition : : Do not burn empty packaging. Do not cut using an oxyacetylene torch.
Residues may cause an explosion hazard if heated above 84 °C

- Decontamination/cleaning : Completely empty the packaging prior to decontamination
Aeration


- Destruction/Disposal : Entrust the thoroughly decontaminated packaging to a licensed waste-contractor

- NOTE : The user's attention is drawn to the possible existence of specific european, national or local regulations regarding disposal

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SECTION 14 Transport information

RID/ADR/IMDG/IATA : Not regulated

SECTION 15 Regulatory information

15.1. Safety, health and environmental regulations/legislation specific for the substance or mixture : Ensure all national/local regulations are observed.

France : Professional diseases(table(s) nr 84) : applicable

Germany : : WGK (Water-endangerment class) : 1

15.2. Chemical safety assessment : No information available

SECTION 16 Other information

Further information : Product for industrial use only
For more information regarding the use of this product, please refer to our technical information or contact the sales department in your region
This safety data sheet has been written in conformity with the regulation (UE) 453/2010.

Text of R-Phrases in § 3 : R38 : Irritating to skin.
R41 : Risk of serious damage to eyes.
R65 : Harmful : may cause lung damage if swallowed
R66 : Repeated exposure may cause skin dryness or cracking

Text of H-Phrases in § 3 : EUH066 - Repeated exposure may cause skin dryness or cracking
H304 - May be fatal if swallowed and enters airways
H315 - Causes skin irritation
H318 - Causes serious eye damage

*** Update** : All chapters have been modified since the previous version

This sheet complements the technical sheets but does not replace them. The information given is based on our knowledge of the product, at the time of publication. It is given in good faith.

Besides, the attention of the user is drawn to the possible risks incurred by using the product for any other use than that for which it was intended.

In no way does this exempt the user from knowing and applying all the regulations controlling his activity. He alone will take on the responsibility for taking the precautions involved by the use of the product.

The aim of all the mandatory regulations mentioned is just to help the user to fulfil his obligations regarding the use of hazardous products.

This information must not be considered exhaustive. It does not exempt the user from ensuring that other obligations than those mentioned could apply, related to the storage and use of the product, this being his sole responsibility.

End of document

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