



SAFETY DATA SHEET

CARDCLENE PLAIN CARD SACHET

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

1.1. Product identifier

Product name CARDCLENE PLAIN CARD SACHET
Product number CCP020, ACCP020, APMK000, ZA, ACCP100S

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

Identified uses Cleaning Product
Uses advised against At this moment in time we do not have information on use restrictions. They will be included in this safety data sheet when available

1.3. Details of the supplier of the safety data sheet

Supplier AF INTERNATIONAL. A division of HK WENTWORTH LTD
ASHBY PARK
COALFIELD WAY
ASHBY de la ZOUCH
LEICESTERSHIRE. LE65 1JR
UNITED KINGDOM
+44 (0) 1530 419600
+44 (0) 1530 416640
info@hkw.co.uk
Contact person GENERAL MANAGER

1.4. Emergency telephone number

Emergency telephone +44 (0)1530 419600 between 8.30am - 5.00pm GMT Mon – Fri

SECTION 2: Hazards identification

2.1. Classification of the substance or mixture

Classification

Physical hazards

Flam. Liq. 2 - H225

Health hazards

Eye Irrit. 2 - H319 STOT SE 3 - H336

Environmental hazards

Not Classified

Classification (67/548/EEC or 1999/45/EC)

Xi;R36. F;R11. R67.

2.2. Label elements

Pictogram



Signal word

Danger

Hazard statements

CARDCLENE PLAIN CARD SACHET

H225 Highly flammable liquid and vapour.

H319 Causes serious eye irritation.

H336 May cause drowsiness or dizziness.

Precautionary statements

P102 Keep out of reach of children.

P210 Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking.

P305+P351+P338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.

P337+P313 If eye irritation persists: Get medical advice/attention.

Contains

PROPAN-2-OL

2.3. Other hazards**SECTION 3: Composition/information on ingredients****3.2. Mixtures**

PROPAN-2-OL		60-100%
CAS number: 67-63-0 EC number: 200-661-7 REACH registration number: 01-2119457558-25-XXXX		
Classification	Classification (67/548/EEC or 1999/45/EC)	
Flam. Liq. 2 - H225	F;R11 Xi;R36 R67	
Eye Irrit. 2 - H319		
STOT SE 3 - H336		
STOT SE 3 - H336		

The Full Text for all R-Phrases and Hazard Statements are Displayed in Section 16.

Composition comments

No classified ingredients, or those having occupational exposure limits, present above the levels of disclosure.

SECTION 4: First aid measures**4.1. Description of first aid measures****Inhalation**

Move affected person to fresh air at once. Get medical attention if any discomfort continues.

Ingestion

Move affected person to fresh air and keep warm and at rest in a position comfortable for breathing. Rinse mouth thoroughly with water. Give plenty of water to drink. Get medical attention.

Skin contact

Remove contaminated clothing immediately and wash skin with soap and water. Get medical attention if irritation persists after washing.

Eye contact

Remove any contact lenses and open eyelids wide apart. Rinse with water. Continue to rinse for at least 15 minutes. Get medical attention if any discomfort continues.

4.2. Most important symptoms and effects, both acute and delayed**Inhalation**

Vapours may cause drowsiness and dizziness.

Ingestion

May cause discomfort if swallowed.

Skin contact

Prolonged contact may cause redness, irritation and dry skin.

Eye contact

May cause severe eye irritation.

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4.3. Indication of any immediate medical attention and special treatment needed

Notes for the doctor

Treat symptomatically

SECTION 5: Firefighting measures

5.1. Extinguishing media

Suitable extinguishing media

Extinguish with alcohol-resistant foam, carbon dioxide, dry powder or water fog.

Unsuitable extinguishing media

Do not use water jet as an extinguisher, as this will spread the fire.

5.2. Special hazards arising from the substance or mixture

Specific hazards

Oxides of the following substances: Carbon.

Hazardous combustion products

Oxides of carbon. Thermal decomposition or combustion may liberate carbon oxides and other toxic gases or vapours.

5.3. Advice for firefighters

Protective actions during firefighting

Move containers from fire area if it can be done without risk. Use water to keep fire exposed containers cool and disperse vapours. Contain and collect extinguishing water.

Special protective equipment for firefighters

Wear positive-pressure self-contained breathing apparatus (SCBA) and appropriate protective clothing.

SECTION 6: Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures

Personal precautions

Follow precautions for safe handling described in this safety data sheet. No smoking, sparks, flames or other sources of ignition near spillage. Take precautionary measures against static discharges. Provide adequate ventilation.

6.2. Environmental precautions

Environmental precautions

Do not discharge into drains or watercourses or onto the ground.

6.3. Methods and material for containment and cleaning up

Methods for cleaning up

Not relevant.

6.4. Reference to other sections

Reference to other sections

Wear protective clothing as described in Section 8 of this safety data sheet. See Section 11 for additional information on health hazards. For waste disposal, see Section 13.

SECTION 7: Handling and storage

7.1. Precautions for safe handling

Usage precautions

Avoid inhalation of vapours.

7.2. Conditions for safe storage, including any incompatibilities

Storage precautions

No special storage precautions required.

Storage class

Flammable liquid storage.

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7.3. Specific end use(s)

Specific end use(s)

The identified uses for this product are detailed in Section 1.2.

SECTION 8: Exposure Controls/personal protection

8.1. Control parameters

Occupational exposure limits

PROPAN-2-OL

Long-term exposure limit (8-hour TWA): WEL 400 ppm 999 mg/m³

Short-term exposure limit (15-minute): WEL 500 ppm 1250 mg/m³

WEL = Workplace Exposure Limit

PROPAN-2-OL (CAS: 67-63-0)

DNEL

Industry - Dermal; : 888 mg/kg/day
 Industry - Inhalation; : 500 mg/m³
 Consumer - Dermal; : 319 mg/kg/day
 Consumer - Inhalation; : 89 mg/m³
 Consumer - Oral; : 26 mg/kg/day

PNEC

- Fresh water; 140.9 mg/l
 - Marine water; 140.9 mg/l
 - Sediment; 552 mg/kg
 - Soil; 28 mg/kg

8.2. Exposure controls

Protective equipment



Appropriate engineering controls

Provide adequate general and local exhaust ventilation. Observe any occupational exposure limits for the product or ingredients.

Eye/face protection

Not relevant.

Hand protection

Use protective gloves. The most suitable glove should be chosen in consultation with the glove supplier/manufacture, who can provide information about the breakthrough time of the glove material. It is recommended that gloves are made of the following material: Butyl rubber. Gloves should conform to EN374

Other skin and body protection

Wear appropriate clothing to prevent any possibility of liquid contact and repeated or prolonged vapour contact.

Hygiene measures

Use engineering controls to reduce air contamination to permissible exposure level. Provide eyewash station. Do not smoke in work area. Wash hands at the end of each work shift and before eating, smoking and using the toilet. Wash promptly with soap and water if skin becomes contaminated. When using do not eat, drink or smoke. Eating, smoking and water fountains prohibited in immediate work area.

Respiratory protection

No specific recommendations. Respiratory protection must be used if the airborne contamination exceeds the recommended occupational exposure limit. Wear a respirator fitted with the following cartridge: Combination filter, type A2/P3. EN14387

SECTION 9: Physical and Chemical Properties

9.1. Information on basic physical and chemical properties

Melting point

-89°C/-128.2°F

CARDCLENE PLAIN CARD SACHET**Initial boiling point and range**

82 (179.6 F)°C @

Flash point

12°C/53.6°F CC (Closed cup).

Evaporation rate

2.93

Upper/lower flammability or explosive limits

: 2.3

Vapour pressure

4.3 kPa @ 20°C/68°F

Vapour density

2.8

Relative density

0.780 @ 20°C/68°F

Solubility(ies)

Miscible with water.

Auto-ignition temperature

425°C/797°F

Comments

Information given is applicable to the major ingredient.

9.2. Other information**SECTION 10: Stability and reactivity****10.1. Reactivity**

The following materials may react with the product: Strong oxidising agents.

10.2. Chemical stability**Stability**

Stable at normal ambient temperatures and when used as recommended.

10.3. Possibility of hazardous reactions

Will not polymerise.

10.4. Conditions to avoid

Avoid heat, flames and other sources of ignition. Avoid excessive heat for prolonged periods of time.

10.5. Incompatible materials**Materials to avoid**

Strong oxidising agents.

10.6. Hazardous decomposition products

Oxides of carbon. Thermal decomposition or combustion may liberate carbon oxides and other toxic gases or vapours.

SECTION 11: Toxicological information**11.1. Information on toxicological effects****Acute toxicity - oral**Acute toxicity oral (LD₅₀ mg/kg)

5,280

Species

Rat

Acute toxicity - dermalAcute toxicity dermal (LD₅₀ mg/kg)

CARDCLENE PLAIN CARD SACHET

12800

Species

Rabbit

Skin sensitisation

Buehler test: - Guinea pig: Not sensitising.

Inhalation

May cause respiratory system irritation. Vapours may cause drowsiness and dizziness.

Ingestion

May cause stomach pain or vomiting. May cause nausea, headache, dizziness and intoxication.

Skin contact

Irritating to skin. Prolonged contact may cause dryness of the skin. Product has a defatting effect on skin. Repeated exposure may cause skin dryness or cracking. May cause allergic contact eczema.

Eye contact

Irritating to eyes.

Route of entry

Skin absorption Ingestion. Skin and/or eye contact

Target organs

Central nervous system Eyes Respiratory system, lungs Skin

Medical symptoms

Irritation of eyes and mucous membranes. Dilated pupils. Rhinitis (inflammation of the nasal mucous membranes). Upper respiratory irritation. General respiratory distress, unproductive cough. Skin irritation. Central nervous system depression. Drowsiness, dizziness, disorientation, vertigo.

CARDCLENELAIN CARD SACHET**Toxicological information on ingredients.****PROPAN-2-OL****Acute toxicity - oral****Acute toxicity oral (LD₅₀ mg/kg)**

4,700.0

Species

Rat

ATE oral (mg/kg)

4,700.0

Acute toxicity - dermal**Acute toxicity dermal (LD₅₀ mg/kg)**

12800

Species

Rabbit

Acute toxicity - inhalation**Acute toxicity inhalation (LC₅₀ vapours mg/l)**

46.5

Species

Rat

ATE inhalation (vapours mg/l)

46.5

Inhalation

Vapours may cause headache, fatigue, dizziness and nausea.

Eye contact

Irritating to eyes.

Acute and chronic health hazards

Irritation of eyes and mucous membranes. Narcotic effect. Central nervous system depression.

Route of entry

Skin and/or eye contact Skin absorption Ingestion

Target organs

Central nervous system Eyes Skin Respiratory system, lungs

Medical symptoms

Irritation of eyes and mucous membranes. Dilated pupils. Rhinitis (inflammation of the nasal mucous membranes).

General respiratory distress, unproductive cough. Central nervous system depression. Drowsiness, dizziness, disorientation, vertigo.

SECTION 12: Ecological Information**Ecotoxicity**

The product components are not classified as environmentally hazardous. However, large or frequent spills may have hazardous effects on the environment.

12.1. Toxicity

Not considered toxic to fish.

Acute toxicity - fishLC₅₀, 96 hours: 9640 mg/l, Pimephales promelas (Fat-head Minnow)**Acute toxicity - aquatic invertebrates**EC₅₀, 48 hours: 13299 mg/l, Daphnia magna

CARDCLENE PLAIN CARD SACHET**Acute toxicity - aquatic plants**

EC₅₀, 72 hours: > 1.000 mg/l, Scenedesmus subspicatus

Acute toxicity - microorganisms

EC₅₀, >: > 1.000 mg/l, Activated sludge

Ecological information on ingredients.**PROPAN-2-OL****Acute toxicity - fish**

LC50, 96 hours: 9640 mg/l, Pimephales promelas (Fat-head Minnow)

Acute toxicity - aquatic invertebrates

EC₅₀, 48 hours: 13299 mg/l, Daphnia magna

Acute toxicity - aquatic plants

EC₅₀, 72 hours: > 1.000 mg/l, Scenedesmus subspicatus

Acute toxicity - microorganisms

EC₅₀, >: > 1.000 mg/l, Activated sludge

12.2. Persistence and degradability**Persistence and degradability**

The product is biodegradable.

Ecological information on ingredients.**PROPAN-2-OL****Persistence and degradability**

The product is readily biodegradable.

12.3. Bioaccumulative potential

The product is not bioaccumulating.

Ecological information on ingredients.**PROPAN-2-OL**

The product does not contain any substances expected to be bioaccumulating.

12.4. Mobility in soil**Mobility**

The product is soluble in water.

12.5. Results of PBT and vPvB assessment

This product does not contain any substances classified as PBT or vPvB.

Ecological information on ingredients.**PROPAN-2-OL**

This product does not contain any substances classified as PBT or vPvB.

12.6. Other adverse effects

Not determined.

SECTION 13: Disposal considerations**13.1. Waste treatment methods****General information**

Waste is classified as hazardous waste. Dispose of waste to licensed waste disposal site in accordance with the requirements of the local Waste Disposal Authority. Do not puncture or incinerate, even when empty. Materials such as cleaning rags and paper wipes that are contaminated with flammable liquids may self-ignite after use and should be stored in designated fireproof containers with tight-fitting, self-closing lids.

Disposal methods

CARDCLENE PLAIN CARD SACHET

Dispose of waste to licensed waste disposal site in accordance with the requirements of the local Waste Disposal Authority.

SECTION 14: Transport information

Road transport notes Exempt from regulations through Special Provision 216

Sea transport notes Exempt from regulations through Special Provision 216

Air transport notes Exempt from regulation through Special Provision A46

14.1. UN number

UN No. (ADR/RID) 3175

UN No. (IMDG) 3175

UN No. (ICAO) 3175

14.2. UN proper shipping name

Proper shipping name (ADR/RID) SOLIDS CONTAINING FLAMMABLE LIQUID, N.O.S. (PROPAN-2-OL)

Proper shipping name (IMDG) SOLIDS CONTAINING FLAMMABLE LIQUID, N.O.S. (PROPAN-2-OL)

Proper shipping name (ICAO) SOLIDS CONTAINING FLAMMABLE LIQUID, N.O.S. (PROPAN-2-OL)

Proper shipping name (ADN) SOLIDS CONTAINING FLAMMABLE LIQUID, N.O.S. (PROPAN-2-OL)

Proper Shipping Name (DOT)

14.3. Transport hazard class(es)

ADR/RID class 4.1

ADR/RID subsidiary risk

ADR/RID label 4.1

IMDG class 4.1

IMDG subsidiary risk

ICAO class/division 4.1

ICAO subsidiary risk

Transport labels

**14.4. Packing group**

ADR/RID packing group II

IMDG packing group II

ICAO packing group II

14.5. Environmental hazards

Environmentally hazardous substance/marine pollutant

No.

14.6. Special precautions for user

EmS F-A, S-I

Emergency Action Code 1Z

Hazard Identification Number (ADR/RID) 40

Tunnel restriction code (E)

CARDCLENE PLAIN CARD SACHET**Markings****14.7. Transport in bulk according to Annex II of MARPOL73/78 and the IBC Code**

Not applicable.

SECTION 15: Regulatory information**15.1. Safety, health and environmental regulations/legislation specific for the substance or mixture****National regulations**

Control of Substances Hazardous to Health Regulations 2002 (as amended). The Chemicals (Hazard Information and Packaging for Supply) Regulations 2009 (SI 2009 No. 716).

Guidance

Workplace Exposure Limits EH40. Exposure Standards for Atmospheric Contaminants in the Occupational Environment [NOHSC:1003 (1995)]

Authorisations (Title VII Regulation 1907/2006)

No specific authorisations are known for this product.

Restrictions (Title VIII Regulation 1907/2006)

No specific restrictions on use are known for this product.

15.2. Chemical safety assessment**Inventories****Australia - AICS**

All the ingredients are listed or exempt.

SECTION 16: Other information

Issued by Grace Claypole

Revision date 20/02/2015

Revision 8

SDS number 10828

Risk phrases in full

R11 Highly flammable.

R36 Irritating to eyes.

R67 Vapours may cause drowsiness and dizziness.

Hazard statements in full

H225 Highly flammable liquid and vapour.

H319 Causes serious eye irritation.

H336 May cause drowsiness or dizziness.

Disclaimer

This information relates only to the specific material designated and may not be valid for such material used in combination with any other materials or in any process. Such information is, to the best of the company's knowledge and belief, accurate and reliable as of the date indicated. However, no warranty, guarantee or representation is made to its accuracy, reliability or completeness. It is the user's responsibility to satisfy himself as to the suitability of such information for his own particular use.