

SAFETY DATA SHEET

5796/19 DURABLE 400ML POWERCLEAN

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Issued: 22/09/2009

Revision No: 1

1. IDENTIFICATION OF THE SUBSTANCE / PREPARATION AND OF THE COMPANY / UNDERTAKING

Product name: 5796/19 DURABLE 400ML POWERCLEAN

Product code: 5796

Synonyms: OTHER PRODUCT REFERENCES: 149-50-044 (21-060)

Use of substance / preparation: Cleaning Product

Company name: Durable Hunke & Jochheim GmbH

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2. HAZARDS IDENTIFICATION

Main hazards: Extremely flammable.

3. COMPOSITION / INFORMATION ON INGREDIENTS

Hazardous ingredients: BUTANE 55-70%

EINECS: 203-448-7 CAS: 106-97-8

[F+] R12

Contains: Propane 10 - 30% Cas Nr 74-98-6

4. FIRST AID MEASURES (SYMPTOMS)

Skin contact: There may be mild irritation at the site of contact.

Eye contact: There may be irritation and redness.

Ingestion: There may be irritation of the throat.

Inhalation: There may be irritation of the throat with a feeling of tightness in the chest.

4. FIRST AID MEASURES (ACTION)

Skin contact: Remove all contaminated clothes and footwear immediately unless stuck to skin. Wash immediately with plenty of soap and water.

Eye contact: Bathe the eye with running water for 15 minutes. Transfer to hospital for specialist examination.

Ingestion: Wash out mouth with water. If unconscious, check for breathing and apply artificial respiration if necessary. Consult a doctor.

Inhalation: Move to fresh air in case of accidental inhalation of vapours. Consult a doctor.

5. FIRE-FIGHTING MEASURES

Extinguishing media: Carbon dioxide. Dry chemical powder. Do not use water.

Exposure hazards: In combustion emits toxic fumes. Extremely flammable. May form flammable / explosive dust-air mixture.

[cont...]

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Protection of fire-fighters: Wear self-contained breathing apparatus. Wear protective clothing to prevent contact with skin and eyes.

6. ACCIDENTAL RELEASE MEASURES

Personal precautions: Refer to section 8 of SDS for personal protection details. Eliminate all sources of ignition.

Environmental precautions: Do not discharge into drains or rivers. Contain the spillage using bunding.

Clean-up procedures: Wash the spillage site with large amounts of water. Clean-up should be dealt with only by qualified personnel familiar with the specific substance.

7. HANDLING AND STORAGE

Handling requirements: Avoid the formation or spread of dust in the air. Ensure there is sufficient ventilation of the area. Do not handle in a confined space. Smoking is forbidden.

Storage conditions: Store in cool, well ventilated area. Keep container tightly closed. Keep away from sources of ignition. Keep away from direct sunlight. The floor of the storage room must be impermeable to prevent the escape of liquids.

8. EXPOSURE CONTROLS / PERSONAL PROTECTION

Hazardous ingredients: BUTANE
WEL (8 hr TWA): 1450 mg/m³ WEL (15 min STEL): 1810 mg/m³

Engineering measures: Ensure there is sufficient ventilation of the area. Ensure lighting and electrical equipment are not a source of ignition. The floor of the storage room must be impermeable to prevent the escape of liquids. Ensure all engineering measures mentioned in section 7 of SDS are in place.

Respiratory protection: Respiratory protection not usually required. Refer to section 15

Hand protection: Only required for prolonged contact

Eye protection: In case of splashing, ensure source of water is to hand, rinse immediately for 15 minutes holding the eyelids open.

Skin protection: Avoid skin contact. Contact may cause frostbite.

9. PHYSICAL AND CHEMICAL PROPERTIES

State: Aerosol

Colour: Colourless

Odour: Irritating odour

Solubility in water: Insoluble

Boiling point/range°C: -40

Melting point/range°C: Not relevant

Flash point°C: <0 and <=35

Autoflammability°C: 350

Vapour pressure: Below 110kPa(1.10bar)

Relative density: <1

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10. STABILITY AND REACTIVITY

Stability: Stable under normal conditions.

Conditions to avoid: Heat. Direct sunlight. Sources of ignition. Hot surfaces. Flames.

Materials to avoid: Strong oxidising agents.

Haz. decomp. products: In combustion emits toxic fumes of carbon dioxide / carbon monoxide.

11. TOXICOLOGICAL INFORMATION

Chronic toxicity: Danger of cumulative effects through inhalation. Danger of cumulative effects in contact with the skin. Danger of cumulative effects if swallowed.

Routes of exposure: Refer to section 4 of SDS for routes of exposure and corresponding symptoms.

12. ECOLOGICAL INFORMATION

Mobility: Insoluble in water.

Persistence and degradability: No data available.

Bioaccumulative potential: No data available.

Other adverse effects: Germany: Nicht wassergefährdend (VwVwS vom 17/05/99, KBws)

13. DISPOSAL CONSIDERATIONS

Disposal of packaging: Arrange for collection by specialised disposal company.

NB: The user's attention is drawn to the possible existence of regional or national regulations regarding disposal.

14. TRANSPORT INFORMATION

ADR / RID

UN no: 1950

ADR Class: 2

Classification code: 5F

Shipping name: AEROSOLS

Labelling: 2.1



IMDG / IMO

UN no: 1950

Class: 2

EmS: F-D,S-U

Marine pollutant: .

Labelling: 2.1

IATA / ICAO

UN no: 1950

Class: 2

Labelling: 2.1**15. REGULATORY INFORMATION****Hazard symbols:** Extremely flammable.**Risk phrases:** R12: Extremely flammable.**Safety phrases:** S16: Keep away from sources of ignition - No smoking.

S23: Do not breathe vapour.

S2: Keep out of the reach of children.

S33: Take precautionary measures against static discharges.

S51: Use only in well-ventilated areas.

Pressurized container: protect from sunlight and do not expose to temperatures exceeding 50°C. Do not pierce or burn, even after use.

S46: If swallowed, seek medical advice immediately and show this container or label.

Do not spray on a naked flame or any incandescent material. Keep away from sources of ignition - No smoking. Keep out of the reach of children.

Precautionary phrases: Spray in short bursts

Do not use for any purpose other than for the one that it is intended

Note: The regulatory information given above only indicates the principal regulations specifically applicable to the product described in the safety data sheet. The user's attention is drawn to the possible existence of additional provisions which complete these regulations. Refer to all applicable national, international and local regulations or provisions.**16. OTHER INFORMATION****Risk phrases used in s.3:** R12: Extremely flammable.**Legal disclaimer:** The above information is believed to be correct but does not purport to be all inclusive and shall be used only as a guide. This company shall not be held liable for any damage resulting from handling or from contact with the above product.