

# SAFETY DATA SHEET

5797/19 DURABLE 200ML INVERTIBLE POWERCLEAN

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

**Product name:** 5797/19 DURABLE 200ML INVERTIBLE POWERCLEAN

**Product code:** 5797

**Synonyms:** OTHER PRODUCT REFERENCES: 149-50-044 (21-061)

**Use of substance / preparation:** Cleaning Product

**Company name:** Durable Hunke & Jochheim GmbH

Westfalenstrasse 77-79

58636 Iserlohn

Germany

durable-clean@durable.de

Tel: 0049 2371 6620

Fax: +49 2371 662 311

Emergency tel: 0049-2371-662-0

## 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/m<sup>3</sup> WEL (15 min STEL): 1810 mg/m<sup>3</sup>

**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

**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.