

SAFETY DATA SHEET

5738 DURABLE 400ML POWER CLEAN

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Issued: 21/12/2009
Revision No: 1

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

Product name: 5738 DURABLE 400ML POWER CLEAN
Product code: 5738
Synonyms: OTHER PRODUCT REFERENCES: 149-50-031

Use of substance / preparation: Cleaning Product

Company name: Durable Hunke & Jochheim GmbH
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2. HAZARDS IDENTIFICATION

Main hazards: No significant hazard.

3. COMPOSITION / INFORMATION ON INGREDIENTS

Hazardous ingredients: DIMETHYL ETHER 1-10%
EINECS: 204-065-8 CAS: 115-10-6
[F+] R12

Contains: Tetrafluoroethane Cas Nr 811-97-2 EC: 212-377-0

4. FIRST AID MEASURES (SYMPTOMS)

Skin contact: There may be mild irritation at the site of contact. Frost-bite may occur causing the affected area to become white and numb.

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: Wash immediately with plenty of soap and water. Remove all contaminated clothes and footwear immediately unless stuck to skin. Consult a doctor.

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

Ingestion: Wash out mouth with water. Do not induce vomiting. Consult a doctor.

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

5. FIRE-FIGHTING MEASURES

Extinguishing media: Alcohol resistant foam. Dry chemical powder.

Exposure hazards: In combustion emits toxic fumes.

[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.

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

Clean-up procedures: Absorb into dry earth or sand.

7. HANDLING AND STORAGE

Handling requirements: Avoid the formation or spread of dust in the air. Smoking is forbidden. Ensure there is sufficient ventilation of the area.

Storage conditions: Store in cool, well ventilated area. 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: DIMETHYL ETHER
WEL (8 hr TWA): 766 mg/m³ WEL (15 min STEL): 958 mg/m³

Engineering measures: Ensure there is sufficient ventilation of the area. The floor of the storage room must be impermeable to prevent the escape of liquids.

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

Solubility in water: Insoluble

Boiling point/range°C: -26

Melting point/range°C: Not relevant

Flash point°C: >60

Autoflammability°C: 300

Vapour pressure: Below 110kPa(1.10bar)

Relative density: >1

pH: Not relevant

10. STABILITY AND REACTIVITY

Stability: Stable under normal conditions.

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

Materials to avoid: Strong oxidising agents.

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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.

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: No data available. Germany: WGK 1 (VwVwS vom 17/05/99, KBws) Tetrafluorethane dpo
Ozone Destruction Potential = 0

13. DISPOSAL CONSIDERATIONS

Disposal operations: Transfer to a suitable container and 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: 5A

Shipping name: AEROSOLS

Labelling: 2.2



IMDG / IMO

UN no: 1950

Class: 2

EmS: F-D,S-U

Marine pollutant: .

Labelling: 2.2

IATA / ICAO

UN no: 1950

Class: 2

Labelling: 2.2

15. REGULATORY INFORMATION

Hazard symbols: No significant hazard.

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Safety phrases: S2: Keep out of the reach of children.

S16: Keep away from sources of ignition - No smoking.

S23: Do not breathe vapour.

S51: Use only in well-ventilated areas.

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

7 % by mass of the contents are flammable.

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.

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

Spray in short bursts

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.