

SAFETY DATA SHEET

B KLEEN EXTRA

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Issued: 16/08/2010

Revision No: 4

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

Product name: B KLEEN EXTRA

Product code: 310

Use of substance / preparation: 310 : A concentrated controlled foam, water based cleaner and brightener for automotive fabrics. For professional use through extraction equipment.

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2. HAZARDS IDENTIFICATION

Main hazards: Causes burns.

3. COMPOSITION / INFORMATION ON INGREDIENTS

- Hazardous ingredients:** ALKYLAMINE CARBOXYLATE 2-5%
[Xi] R36
- SODIUM HYDROXIDE 2-5%
EINECS: 215-185-5 CAS: 1310-73-2
[C] R35
 - C 12/15 A, 3-12 EO MULTIBRANCHED (DID 27) 2-5%
EINECS: POLYMER CAS: 24938-91-8
[Xn] R22; [Xi] R41
 - C9/11 A, >3-6 EO PREDOMINANTLY LINEAR (DID 21) 0-1%
EINECS: POLYMER CAS: 160875-66-1
[Xi] R41

4. FIRST AID MEASURES (SYMPTOMS)

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

Eye contact: There may be pain and redness.

Ingestion: There may be soreness and redness of the mouth and 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. Transfer to hospital if there are burns or symptoms of poisoning.
- Eye contact:** Bathe the eye with running water for 15 minutes. Transfer to hospital for specialist examination.
- Ingestion:** Do not induce vomiting. Wash out mouth with water. If conscious, give half a litre of water to drink immediately. Transfer to hospital as soon as possible.
- Inhalation:** Remove casualty from exposure ensuring one's own safety whilst doing so. If conscious, ensure the casualty sits or lies down. If unconscious and breathing is OK, place in the recovery position. Transfer to hospital as soon as possible.

5. FIRE-FIGHTING MEASURES

- Extinguishing media:** Water.
- Exposure hazards:** Corrosive.
- Protection of fire-fighters:** 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. Turn leaking containers leak-side up to prevent the escape of liquid. Do not attempt to take action without suitable protective clothing - see section 8 of SDS.
- Environmental precautions:** Contain the spillage using bunding. Do not discharge into drains or rivers.
- Clean-up procedures:** Transfer to a suitable container.

7. HANDLING AND STORAGE

- Handling requirements:** Avoid the formation or spread of mists in the air.
- Storage conditions:** Keep container tightly closed.
- Suitable packaging:** Stainless steel. Polyethylene. Teflon.

8. EXPOSURE CONTROLS / PERSONAL PROTECTION

- Hazardous ingredients:** SODIUM HYDROXIDE
WEL (15 min STEL): 2 mg/m³
- Respiratory protection:** Respiratory protection not required.
- Hand protection:** Gloves (alkali-resistant). Viton gloves. PVC gloves.
- Eye protection:** Safety glasses with side-shields. Ensure eye bath is to hand.
- Skin protection:** Protective clothing.

9. PHYSICAL AND CHEMICAL PROPERTIES

- State:** Liquid
- Colour:** Blue
- Odour:** Sweet-smelling
- Evaporation rate:** Moderate

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Oxidising: Non-oxidising (by EC criteria)
Solubility in water: Soluble
Viscosity: Non-viscous
Boiling point/range°C: 100
Melting point/range°C: 0
Relative density: 1.05 - 1.15
pH: 1% = 12.03
VOC g/l: 0

10. STABILITY AND REACTIVITY

Stability: Stable under normal conditions.
Materials to avoid: Aluminium. Magnesium. Zinc.
Haz. decomp. products: In combustion emits toxic fumes of carbon dioxide / carbon monoxide.

11. TOXICOLOGICAL INFORMATION

Hazardous ingredients: SODIUM HYDROXIDE
IPR MUS LD50 40 mg/kg
ORL RBT LDLO 500 mg/kg

- C 12/15 A, 3-12 EO MULTIBRANCHED (DID 27)
ORL RAT LD50 1.5 g/kg
- C9/11 A, >3-6 EO PREDOMINANTLY LINEAR (DID 21)
ORL RAT LD50 >2000 mg/kg

12. ECOLOGICAL INFORMATION

Hazardous ingredients: C 12/15 A, 3-12 EO MULTIBRANCHED (DID 27)
FISH 96H LC50 >1 mg/l

- C9/11 A, >3-6 EO PREDOMINANTLY LINEAR (DID 21)
ALGAE Scenedesmus 48H EC50 10 - 100 mg/l

Mobility: Soluble in water.
Persistence and degradability: Biodegradable. The surfactants contained in this preparation comply with the biodegradability criteria as laid down in regulation (EC) No.648/2004 on detergents.
Bioaccumulative potential: No bioaccumulation potential.

13. DISPOSAL CONSIDERATIONS

Disposal of packaging: Dispose of as normal industrial waste.
NB: The user's attention is drawn to the possible existence of regional or national regulations regarding disposal.

14. TRANSPORT INFORMATION

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ADR / RID

UN no: 1719 **ADR Class:** 8
Packing group: III **Classification code:** C5
Shipping name: CAUSTIC ALKALI LIQUID, N.O.S. (SODIUM HYDROXIDE (2.6%))
Labelling: 8 **Hazard ID no:** 80

**IMDG / IMO**

UN no: 1719 **Class:** 8
Packing group: III **EmS:** F-A,S-B
Marine pollutant: .
Labelling: 8

IATA / ICAO

UN no: 1719 **Class:** 8
Packing group: III
Packing instructions: 819(P&CA); 813(CAO)
Labelling: 8

15. REGULATORY INFORMATION

Hazard symbols: Corrosive.



Risk phrases: R34: Causes burns.

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

S26: In case of contact with eyes, rinse immediately with plenty of water and seek medical advice.

S36/37/39: Wear suitable protective clothing, gloves and eye / face protection.

S45: In case of accident or if you feel unwell, seek medical advice immediately (show the label where possible).

Haz. ingredients (label): SODIUM HYDROXIDE

Seveso II guideline: No

Water hazard class: 1 Classification by VwVwS

Air emission directive: Amount m%: 0

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

Other information: This safety data sheet is prepared in accordance with Regulation (EC) No 1907/2006.

Risk phrases used in s.3: R36: Irritating to eyes.

R35: Causes severe burns.

R22: Harmful if swallowed.

R41: Risk of serious damage to eyes.

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.

