



**FLEET (LINE MARKERS) LTD**  
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Tel: +44 (0) 1684 573 535  
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## PRODUCT HEALTH AND SAFETY

### 1. COMPANY PRODUCT AND COMPANY IDENTIFICATION

PRODUCT NAME:	<b>KOMBI KLEAN</b>
PRODUCT PURPOSE:	LINE MARKING (OUTDOOR)
COMPANY IDENTIFICATION:	FLEET (LINE MARKERS) LTD. Fleet House, Spring Lane, Spring Lane Industrial Estate, Malvern, Worcs. WR14 1AT
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### 2. HAZARD IDENTIFICATION

PRIMARY ROUTES OF EXPOSURE:	Eye Contact Skin Contact Inhalation
EYE CONTACT:	May cause severe irritation.
SKIN CONTACT:	Prolonged or repeated contact may cause irritation of the skin.
INHALATION	May cause some irritation to the mouth and upper digestive tract.

### 3. COMPOSITION

Water-based cleaning solution concentrate which contains, 10 – 30% aqueous solution of: Phosphoric acid, monoester with lauryl and myristyl alcohols and EO

### 4. FIRST AID MEASURES

EYE CONTACT:	Flush eyes with large amounts of water, before marking fluid dries, for at least 10 minutes. Seek medical advice if irritation persists.
SKIN CONTACT:	Remove contaminated clothing. Wash with soap and water before fluid dries.
INHALATION	Remove to fresh air if effects occur. Seek medical advice.
INGESTION:	Drink plenty of water. Do not induce vomiting. Seek medical advice.

### 5. FIRE FIGHTING MEASURES

FIRE FIGHTING:	In case of fire, self contained breathing apparatus should be worn
FIRE AND EXPLOSION HAZARDS:	Fumes containing oxides of nitrogen and ammonia may be formed in large fires. Carbon monoxide and carbon dioxide may also be produced
EXTINGUISHING AGENTS:	Water, foam, carbon dioxide or dry powder extinguishers are all suitable.

### 6. ACCIDENTAL RELEASE MEASURES

Wear impervious gloves/overalls and eye protection while clearing up the spillage. Spillage should not be washed into any drain unless it leads to a suitable effluent treatment process. Residues and spillage should be soaked up with an inert absorbent (e.g. sand, earth) and place in plastic barrels for disposal. Failure to contain the release must be reported to the local authority.





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### 7. HANDLING AND STORAGE

**HANDLING:** Handle in accordance with good industrial safety and hygiene practices.

**STORAGE:** Avoid extremes of temperature. Keep containers tightly closed. Avoid contact with copper, zinc, nickel and aluminium and their alloys.  
Store in sealed containers between -17°C and 49°C.

### 8. EXPOSURE CONTROLS AND PERSONAL PROTECTION

**EXPOSURE CONTROLS:** Avoid contact with eyes, skin or clothes. Working procedures should be designed to minimise worker exposure to this product. Where this is not possible the following personal protective equipment should be provided.

**PERSONAL PROTECTION:**

Respiratory: In misty atmospheres use an approved mist respirator.

Hand: Gloves, if risk of skin contact.

Eye: Goggles, if risk of splashing.

Skin: Standard industrial overalls if risk of splashing.

### 9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance: Mobile Liquid  
Odour: Ammoniacal  
pH: 12.0 to 13.0  
Boiling point: Approx. 105°C  
Specific Gravity: 1.3  
Water solubility: Fully miscible

### 10. STABILITY AND REACTIVITY

**Kombi Klean** is stable under normal conditions of use - also see Handling and Storage. May release flammable hydrogen in contact with aluminium, zinc, copper, nickel and their alloys. May react with strong oxidants. Thermal decomposition and combustion of solid content may produce ammonia and nitrogen oxides.

### 11. TOXICOLOGICAL INFORMATION

Acute oral toxicity:  $LD_{50}$  (Rat) > 2000 mgkg<sup>-1</sup>  
Irritant effect on skin:  $LD_{50}$  (Rabbit) >5000 mgkg<sup>-1</sup>

The product is therefore considered to be of low acute oral toxicity to mammals.  
Frequent contact may lead to skin and eye irritation, especially if the product is allowed to dry out.

### 12. ECOLOGICAL INFORMATION

**Kombi Klean** is slowly biodegraded within the environment at a rate strongly dependent on the micro-organisms present. **Kombi Clean** is not bio accumulative in aquatic organisms.

### 13. DISPOSAL INFORMATION

**Kombi Klean**; avoid contact with eye and skin. Wear impervious gloves/overalls and safety goggles. Do not wash into the drains. Do not mix with other waste materials. Dispose of in accordance with existing EEC, National and Local Regulations.

### 14. TRANSPORT INFORMATION

EEC Hazard Classification:  
PROPER SHIPPING NAME Corrosive liquid, Basic, Surfactant, Cleaning Solution Concentrate





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## PRODUCT HEALTH AND SAFETY

ADR (Road)  
UN No.: 3267  
Label: 8  
Class: 8-56c  
RID (Railroad)  
UN No.: 3267  
Label: 8  
IMDG (Sea)  
UN No.: 3267  
Label: 8  
Packaging Group: III  
Marine Pollutant: No  
EmS: 8-15  
MFAG: 760/4.3  
IATA (Air)  
UN No.: 3267  
Label: COR  
Packaging Group: III

### 15. REGULATORY INFORMATION

Classification: IRRITANT

R-Phrases: R36/38 Irritating to eyes and skin.  
R41 Risk of serious damage to eyes

S-Phrases S24/25 Avoid contact with skin and eyes  
S26 In case of contact with eyes; rinse immediately with plenty of water and seek medical attention  
S28 After contact with skin; wash immediately with plenty of water  
S37/39 Wear suitable gloves and eye/face protection

### 16. OTHER INFORMATION

The information provided in this Safety Data Sheet is based on the present state of our knowledge. This data is intended to enable safety assessments to be carried out and should not be construed as a guarantee of specific properties.

Date of issue: January 19<sup>th</sup> 2009

Revision Reference: 001