

**KLEAR**

Date Issued: 04Dec2006

CLASSIFICATION: Not Classified.

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**1 - PRODUCT IDENTIFICATION**

BRAND NAME..... KLEAR  
 USE OF THE PREPARATION. Floor Polish/Cleaner  
 PACK CODE..... 707001  
 REVISION..... 4  
 DATE ISSUED..... 04Dec2006  
 SUPERSEDES DATE..... 20Dec2001  
 CHANGES SINCE LAST..... Bar (I) in the left margin denotes a revision from previous  
 REVISION MSDS. 15 Regulatory information.

**2 - COMPOSITION/INFORMATION ON INGREDIENTS**

INGREDIENT CAS NO.	EINECS	WEIGHT%	SYMBOL	R-PHRASES
2- (2-ETHOXYETHOXY) ETHANOL 111-90-0	2039197	1-5		
AMMONIA 1336-21-6	2156476	<0.5	C N	R34 R50
ZINC OXIDE 1314-13-2	2152225	<0.5	N	R50 R53

(R34) Causes burns.

(R50) Very toxic to aquatic organisms.

(R53) May cause long term adverse effects in the aquatic environment.

**3 - HAZARDS IDENTIFICATION (Also See Section 11 & 12)**

HAZARDS TO HUMAN HEALTH Not classified as dangerous according to Dangerous Preparations Directive (99/45/EC) & amendments.

**SIGNS & SYMPTOMS:**

INHALATION..... No adverse effects expected.  
 SKIN..... Prolonged contact may cause irritation.  
 EYE..... Prolonged contact may cause irritation.  
 INGESTION..... May cause abdominal discomfort.  
 PHYSICO-CHEMICAL..... None.

**HAZARDS**

ENVIRONMENTAL HAZARDS.. This preparation is Not Classified as Environmentally Hazardous according to Directive 1999/45/EC, as amended.

**4 - FIRST AID MEASURES**

INHALATION..... No special requirements.  
 SKIN..... Wash affected area with plenty of soap and water.  
 EYES..... If substance has got into eyes, immediately wash out with plenty of water. Seek medical attention if irritation persists.  
 INGESTION..... Rinse mouth with water (do not swallow). When in doubt or symptoms persist, seek medical attention.

**5 - FIRE-FIGHTING MEASURES**

EXTINGUISHER..... No special requirements.  
 SPECIAL PROCEDURES..... In case of fire and/or explosion do not breathe fumes.  
 SPECIAL HAZARDS..... None identified.

**KLEAR**

Date Issued: 04Dec2006

**5 - FIRE-FIGHTING MEASURES (continued)**

OTHER WARNINGS..... Wear suitable protective clothing and gloves. Refer to current EN or National standard as appropriate. Wear Breathing Apparatus.

**6 - ACCIDENTAL RELEASE MEASURES**

SPILL CONTROL..... Absorb spillage in inert material and shovel up. Clean residue from spill site.  
 PERSONAL PRECAUTIONS... Wear suitable gloves. Refer to current EN or National standard as appropriate. Wash thoroughly after dealing with spillage.  
 ENVIRONMENTAL..... Outside of normal use avoid release to the environment. Use PROTECTION appropriate containment to avoid environmental contamination.

**7 - HANDLING AND STORAGE**

HANDLING..... Wash thoroughly after use.  
 STORAGE..... Keep out of reach of children. Keep from freezing.  
 CONDITIONS TO AVOID.... None known.  
 MATERIALS TO AVOID..... See MATERIALS TO AVOID under heading STABILITY.

**8 - EXPOSURE CONTROLS/SPECIAL PROTECTION**

EXPOSURE CONTROL..... General room ventilation is usually adequate. May be necessary to control air contaminants to concentrations below listed occupational exposure limits with local exhaust ventilation.  
 EXPOSURE LIMITS.....

INGREDIENT	8 Hour TWA	15 Minute TWA
2-(2-ETHOXYETHOXY)ETHANOL (CAS# 111-90-0)	32 ppm 180 mg/m <sup>3</sup> . MAC waarde (Sk)	Not determined
AMMONIA (CAS# 1336-21-6)	25 ppm (OES) UK HSE EH40	35 ppm (OES) UK HSE EH40
ZINC OXIDE (CAS# 1314-13-2)	5 mg/m <sup>3</sup> . OES UK HSE EH40	10 mg/m <sup>3</sup> . OES UK HSE EH40

PROTECTIVE EQUIPMENT:  
 RESPIRATORY..... No special requirements.  
 HANDS/SKIN..... No special requirements.  
 EYES..... No special requirements.  
 GENERAL..... No special requirements.

**9 - PHYSICAL AND CHEMICAL PROPERTIES**

COLOUR..... translucent  
 PHYSICAL STATE..... liquid  
 ODOUR..... Characteristic odour.  
 pH..... 8.96  
 FLASH POINT..... < 100°C  
 FLAMMABILITY..... Does not support combustion  
 EXPLOSIVE LIMITS %VOL.. Not determined.  
 RELATIVE DENSITY..... 1.02  
 (D20/4)  
 SOLUBILITY IN WATER.... Appreciable  
 SOLUBILITY IN OIL..... Not determined.  
 VISCOSITY..... 13 cP

**10 - STABILITY AND REACTIVITY**

STABILITY..... Product is stable and unreactive under normal household conditions of use.

**KLEAR**

Date Issued: 04Dec2006

**10 - STABILITY AND REACTIVITY (continued)**

MATERIALS TO AVOID..... Do not mix with bleach or any other household cleaners.  
HAZARDOUS DECOMPOSITION None identified.  
PRODUCTS

**11 - TOXICOLOGY INFORMATION (Also See Section 3)**

ESTIMATED LD50 (Oral).. >2g/Kg  
INHALATION..... No adverse effects expected.  
SKIN..... May cause irritation.  
EYES..... May cause irritation.  
INGESTION..... May cause abdominal discomfort.

**12 - ECOLOGICAL INFORMATION**

ENVIRONMENTAL..... This preparation is Not Classified as Environmentally Hazardous  
CLASSIFICATION according to Directive 1999/45/EC, as amended.  
SUMMARY..... On the basis of available information this preparation is not  
expected to produce any significant adverse environmental  
effects, when used as directed.

**13 - DISPOSAL CONSIDERATIONS**

MATERIAL DISPOSAL..... Disposal should be in accordance with local, state or national  
legislation.  
CONTAINER DISPOSAL..... Disposal should be in accordance with local, state or national  
legislation. Please recycle empty packaging.

**14 - TRANSPORT INFORMATION**

ROAD/RAIL (ADR/RID):

ADR/RID PROPER SHIPPING NAME:

CLASS..... Not classified as hazardous for road transport.

SEA (IMDG):

IMDG PROPER SHIPPING NAME:

CLASS..... Not classified as hazardous for marine transport.

MARINE POLLUTANT... No.

AIR (ICAO/IATA):

ICAO CLASS..... Not classified as hazardous for air transport.

**15 - REGULATORY INFORMATION**

CLASSIFICATION &amp; LABELLING ACCORDING TO:

..... Eu. Dangerous Preparations Directive (99/45/EC) as amended.

CLASSIFICATION..... Not Classified.

S PHRASES..... (S2) Keep out of reach of children.

ADDITIONAL LABELLING... As with any household cleaner, avoid prolonged contact with this  
product. Wash and dry hands after use. Wash hands after use.

EINECS/TSCA STATUS..... All components are included in these inventories.

**KLEAR**

Date Issued: 04Dec2006

**----- 16 - OTHER INFORMATION -----**

ADDITIONAL INFORMATION. Refer to Section 1 for issue and revision dates. Refer to Section 2 for full text of any R phrases that relate to components listed in Section 2.

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