



1. Identification of the Preparation and of the Company.

Product Name: **EuroClear 1K Cellulose Clear Coat**

Part No: **EC-1KC-1**

Use of the Preparation: Coating compound/Surface Coating/Paint

Supplier: The Trade Group Ltd.
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Gelders Hall Industrial Estate
Shepshed, Leicestershire
LE12 9NH
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Emergency Tel. **0800 043 1672**

2. Hazards Identification

Hazardous Ingredients

Xn Harmful
F Highly flammable

Information concerning particular hazards for human and environment:

The product has to be labelled due to the calculation procedure of the "General Classification guideline for preparations of the EU" in the latest valid version.

R 11 Highly flammable.
R 20/21 Harmful by inhalation and in contact with skin.
R36/38 Irritating to eyes and skin
R 48/20 Harmful: danger of serious damage to health by prolonged exposure through inhalation.
R 63 Possible risk of harm to the unborn child.
R65 Harmful: may cause lung damage if swallowed.

Classification system:

The classification is according to the latest editions of the EU-lists, and extended by company and literature data.

1330-20-7 Xylene (mix)
108-88-3 Toluene
67-63-0 Propane-2-ol
78-93-3 Methyl ethyl Ketone
100-41-4 ethylbenzene

3. Composition information on ingredients

Chemical characterization

Description: Mixture of substances listed below with nonhazardous additions.

Dangerous components			
CAS: 1330-20-7 EINECS: 215-535-7	Xylene (mix)	Xn Xi R10-20/21-38	10-25%
CAS: 108-88-3 EINECS: 203-625-9	Toluene	Xn Xi F R11-38-48/20-63-65-67	2.5-10%
CAS: 9004-70-0	Nitrocellulose (12.3% N)	F R11	2.5-10%
CAS: 67-63-1 EINECS: 200-661-7	Propan-2-one	Xi F R 11-36-67	2.5-10%
CAS: 108-65-6 EINECS: 203-603-9	2-methoxy-1-methylethyl acetate	Xi R 10-36	2.5-10%
CAS: 78-93-3 EINECS: 201-159-0	Methyl ethyl ketone	Xi F R11-36-66-67	2.5-10%
CAS: 123-86-4 EINECS: 204-658-1	Butyl ethanoate	R10-66-67	<2.5
CAS: 100-41-4 EINECS: 202-849-4	Ethylbenzene	X F R 11-20	<2.5
CAS: 67-64-1 EINECS: 200-662-2	propan-2-one	Xi F R 11-36-52-66-67	<2.5
CAS: 107-98-2 EINECS: 203-539-1	1-methoxy-2-propanol	R 10	<2.5
CAS: 78-83-1 EINECS: 201-148-0	Butanol	Xi R 10-37/38-41-67	<2.5

Additional information: For the wording of the listed risk phrases refer to section 16.

4. First Aid Measures

General information: Symptoms of poisoning may even occur after several hours; therefore medical observation for at least 48hours after the accident.

After inhalation: Supply fresh air. If required, provide artificial respiration. Keep patient warm. Consult doctor if symptoms persist. In case of unconsciousness place patient stably in side position for transportation.

After skin contact: Immediately wash with water and soap and rinse thoroughly.

After eye contact: Rinse opened eye for several minutes under running water. If symptoms persist, consult a doctor.

After swallowing: If symptoms persist consult doctor.



5. Fire Fighting Measures

Suitable extinguishing agents: CO₂, powder or water spray. Fight larger fires with water spray or alcohol resistant foam.

For safety reasons unsuitable extinguishing agents: Water with full jet

Protective equipment: Mount respiratory protective device.

6. Accidental Release Measures

Person-related safety precautions: Wear protective equipment. Keep unprotected persons away.

Measures for environmental protection:

Prevent seepage into sewage system, workpits and cellars.

Do not allow to enter sewers/ surface or ground water.

Measures for cleaning/collecting:

Absorb with liquid-binding material (sand, diatomite, acid binders, universal binders, sawdust).

Dispose contaminated material as waste according to item 13.

Ensure adequate ventilation.

7. Handling and Storage

Handling:

Information for safe handling:

Keep receptacles tightly sealed.

Ensure good ventilation/extraction at the workplace.

Prevent formation of aerosols.

Information about fire - and explosion protection:

Keep ignition sources away - Do not smoke.

Protect against electrostatic charges.

Storage:

Requirements to be met by storerooms and receptacles: Store in a cool location.

Information about storage in one common storage facility: Not required.

Further information about storage conditions:

Keep receptacle tightly sealed.

Store in cool, dry conditions in well sealed receptacles.

8. Exposure Controls / Personal Protection

Additional information about design of technical facilities: No Further data; see item 7.

Ingredients with limit values that require monitoring at the workplace:		
1330-20-7 Xylene (mix)	WEL	Short-term value: 441 mg/m ³ , 100 ppm Long-term value: 220 mg/m ³ , 50 ppm Sk; BMGV
108-88-3 toluene	WEL	Short-term value: 384 mg/m ³ , 100 ppm Long-term value: 191 mg/m ³ , 50 ppm Sk
67-63-0 propan-2-one	WEL	Short-term value: 1250 mg/m ³ , 500 ppm Long-term value: 999 mg/m ³ , 400 ppm
108-65-6 2-methoxy-1-methylethyl acetate	WEL	Short-term value: 548 mg/m ³ , 100 ppm Long-term value: 274 mg/m ³ , 50 ppm Sk
78-93-3 methyl ethyl ketone	WEL	Short-term value: 899 mg/m ³ , 300 ppm Long-term value: 600 mg/m ³ , 200 ppm Sk
123-86-4 Butyl ethanoate	WEL	Short-term value: 966 mg/m ³ , 200 ppm Long-term value: 724 mg/m ³ , 150 ppm
100-41-4 ethylbenzene	WEL	Short-term value: 552 mg/m ³ , 125 ppm Long-term value: 441 mg/m ³ , 100 ppm
67-64-1 propan-2-one	WEL	Short-term value: 3620 mg/m ³ , 1500 ppm Long-term value: 1210 mg/m ³ , 500 ppm
107-98-2 1-methoxy-2-propanol	WEL	Short-term value: 560 mg/m ³ , 150 ppm Long-term value: 375 mg/m ³ , 100 ppm Sk
78-83-1 butanol	WEL	Short-term value: 231 mg/m ³ , 75 ppm Long-term value: 154 mg/m ³ , 50 ppm

Additional information: The lists valid during the making were used as basis.

Personal protective equipment:

General protective and hygienic measures: Keep away from foodstuffs, beverages and feed. Immediately remove all soiled and contaminated clothing. Wash hands before breaks and at the end of work. Avoid contact with the skin. Avoid contact with the eyes and skin.

Respiratory protection: In case of brief exposure or low pollution use respiratory filter device. In case of intensive or longer exposure use respiratory protective device that is independent of circulating air.

Protection of hands: when skin exposure may occur, advice should be sought from the glove supplier on appropriate types and usage times for this product. The glove material has to be impermeable and resistant to the product/ the substance/ the preparation. Selection of the glove material on consideration of the penetration times, rates of diffusion and the degradation.

Material of gloves

The selection of the suitable gloves does not only depend on the material, but also on further marks of quality and varies from manufacturer to manufacturer. As the product is a preparation of several substances, the resistance of the glove material can not be calculated in advance and has therefore to be checked prior to the application.

Penetration time of glove material

The exact break through time has to be found out by the manufacturer of the protective gloves and has to be observed.

Eye protection:

Tightly sealed goggles

9. Physical and Chemical Properties

General Information

Form: Fluid

Colour: According to product specification

Odour: Characteristic

Change in condition

Melting point/Melting range: Undetermined.

Boiling point/Boiling range: 82°C

Flash point: 4°C

Ignition temperature: 425°C

Self-igniting: Product is not self-igniting.

Danger of explosion: Product is not explosive. However, formation of explosive air/vapour mixtures are possible.

Explosion limits:

Lower: 1.1 Vol %

Upper: 7.0 Vol %

Vapour pressure at 20°C: 29 hPa

Density at 20°C: 1.069 g/cm³

Solubility in / Miscibility with water: NOT MISCIBLE

Solvent content: Organic solvents: 55.3 %

Solids content: 44.7 %

10. Stability and Reactivity

Thermal decomposition / conditions to be avoided: No decomposition if used according to specifications.

Dangerous reactions: No dangerous reactions known.

Dangerous decomposition products: No dangerous decomposition products known.

11. Toxicological Information

Acute toxicity:

LD/LC50 values relevant for classification:

1330-20-7 Xylene (mix)

Oral	LD50	8700 mg/kg (rat)
Dermal	LD50	2000 mg/kg (rbt)
Inhalative	LC50/4 h	6350 mg/l (rat)

108-88-3 toluene

Oral	LD50	5000 mg/kg (rat)
Dermal	LD50	12124 mg/kg (rab)
Inhalative	LC50/4 h	5320 mg/l (mus)

Primary irritant effect:

On the skin: Irritant to skin and mucous membranes.

On the eye: No irritating effect.

Sensitization: No sensitizing effects known.

Additional toxicological information: The product shows the following dangers according to the calculation method of the General EU Classification Guidelines for Preparations as issued in the latest version:

Harmful
Irritant

12. Ecological Information

General notes:

Water hazard class 2 (German Regulation) (Self-assessment): hazardous for water

Do not allow product to reach ground water, water course or sewage system.

Danger to drinking water if even small quantities leak into the ground.



13. Disposal Considerations

Product:

Recommendation: Must not be disposed together with household garbage. Do not allow product to reach sewage system.

Uncleaned packaging:

Recommendation: Disposal must be made according to official regulations.

14. Transport Information

Land transport ADR/RID (cross-border)

ADR/RID class: 3 Flammable liquids.
Danger code (Kemler): 33
UN-Number: 1263
Packaging group: II
Hazard label: 3
Description of goods: 1263 PAINT (vapor pressure at 50°C at most 110 kPa)

Maritime transport IMDG:

IMDG Class: 3
UN Number: 1263
Label: 3
Packaging group: II
EMS Number: F-E,S-E
Marine pollutant: No
Proper shipping name: PAINT

Air transport ICAO-TI and IATA-DGR:

ICAO/IATA Class: 3
UN/ID Number: 1263
Label: 3
Packaging group: II
Proper shipping name: PAINT

15. Regulatory Information

Labelling according to EU guidelines:

The product has been classified and marked in accordance with EU Directives / Ordinance on Hazardous Materials.

Code letter and hazard designation of product:

Xn Harmful

F Highly flammable

Hazard-determining components of labelling:

Xylene (mix)

toluene

Risk phrases:

R11 Highly flammable.

R20/21 Harmful by inhalation and in contact with skin.

R36/38 Irritating to eyes and skin.

R48/20 Harmful: danger of serious damage to health by prolonged exposure through inhalation.

R63 Possible risk of harm to the unborn child.

R65 Harmful: may cause lung damage if swallowed.

Safety phrases:

S7/9 Keep container tightly closed and in a well-ventilated place.

S16 Keep away from sources of ignition - No smoking.

S23 Do not breathe fumes/vapour/spray

S25 Avoid contact with eyes.

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

S60 This material and its container must be disposed of as hazardous waste.

National regulations:**Technical instructions (air):**

Class	Share in %
NK	59.0

Water hazard class: Water hazard class 1 (Self-assessment): hazardous for water.

16. Other Information

This information is based on our present knowledge. However, this shall not constitute a guarantee for any specific product features and shall not establish a legally valid contractual relationship.

Relevant R-phrases

R10 Flammable.

R11 Highly flammable.

R20 Harmful by inhalation.

R20/21 Harmful by inhalation and in contact with skin.

R36 Irritating to eyes.

R37/38 Irritating to respiratory system and skin.

R38 Irritating to skin.

R41 Risk of serious damage to eyes

R48/20 Harmful: danger of serious damage to health by prolonged exposure through inhalation.

R52 Harmful to aquatic organisms.

R63 Possible risk of harm to the unborn child.

R65 Harmful: may cause lung damage if swallowed.

R66 Repeated exposure may cause skin dryness or cracking.

R67 Vapours may cause drowsiness and dizziness.

- The information contained in this Safety Data Sheet is provided in accordance with the requirements of Regulation (EC) No 1907/2006 and the Chemicals (Hazard Information and Packaging) Regulations.

END OF SAFETY DATA SHEET