



CRYSTAL CLEAR

PLASTICS CLEANER

SAFETY DATA SHEET

1. IDENTIFICATION OF SUBSTANCE OR PREPARATION:

Product: Plastics Cleaner

Description: The product is a clear green coloured liquid with a mild perfumed odour available in 25 litre PE drums, 1 Lt or 0.5 Lt PE bottles with screw caps / trigger sprayers.

2. COMPOSITION/INFORMATION ON INGREDIENTS:

Chemical Description: Aqueous solution of 2 – Butoxyethanol and surfactant.

| Name | % | CAS | EINECS | Supply Class |
|-------------------|-------|----------|-----------|---------------------|
| 2 – Butoxyethanol | 5 W/W | 111-76-2 | 203-905-0 | Xn,Xi.R20/21/22 R37 |

3. HAZARDS IDENTIFICATION:

This product is not classified as dangerous according to the Chemical Regs. Prolonged skin contact may produce skin irritation. Splashes in the eyes may cause irritation.

4. FIRST AID MEASURES:

Eyes: Irrigate with plenty of clean water until irritation subsides. If eyelids closed gently prise open to ensure water bathes eyeball. Alternatively, immerse face in clean water and blink eyelid until irritation discontinues. Seek prompt medical attention if irritation persists.

Skin: Wash with soap and water.

Ingestion: If chemical confined to mouth do not swallow, spit out. Wash mouth out well with water ensuring mouthwash is not swallowed. If chemical has been accidentally ingested DO NOT induce vomiting, give milk or water to drink. The surfactant can cause diarrhea if significant quantities are ingested. 2-Butoxyethanol is harmful by ingestion but the amount present is sufficiently small for the product not to be classified as hazardous under CHIP regs.

Inhalation: Move to fresh air.

Other: In all cases of doubt or when symptoms persist seek prompt medical attention.

5. FIRE FIGHTING MEASURES:

Extinguishing Media: Use foam, dry chemical CO2 or water fog.

Fire/Explosion Haz: Stable under normal conditions, the product is a non flammable aqueous solution and will not support combustion until all the water has evaporated.

Protective Measures: In the event of large quantities being involved fire fighters should wear fully enclosed breathing apparatus.

6. ACCIDENTAL SPILLAGE MEASURES:

Environmental Precs: Large spillages should be prevented from entering drains and water courses.

Recovery: Small spillages may be washed to the foul drain or soak up with absorbent paper and dispose as in the normal manner for waste. If the spillage is large, surround the perimeter and sprinkle material such as sawdust working inwards to form a semi drymass. The saturated material should then be disposed of in the normal manner for hazardous waste.

7. STORAGE/HANDLING NORMAL USE:

- Storage: Store in sealed original containers. Keep out of reach of children.
- Handling: The product will not cause problems in handling and use providing that good standards of industrial hygiene are maintained and safe working practices are observed.
- Normal Use Method: Product applied sparingly to surface to be cleaned with a soft cloth or polishing paper to a high clarity finish. Leaves invisible antistatic film.

8. EXPOSURE CONTROL/PERSONAL PROTECTION NORMAL USE:

Occupational Exp. Lim:

| Name | 8Hr TWA | 15 Min | Type | Ref |
|-----------------|-----------------------------|--------|------|------|
| 2-Butoxyethanol | 120 mg/m ³ 25ppm | | MEL | EH40 |

Engineering Measures:

Under normal use conditions it is unlikely that any special engineering precautions would be required. When the product is used for cleaning perspex, windows, VDU screen, etc, in open rooms it is unlikely that the MEL for 2-Butoxyethanol would be exceeded. If there is doubt, monitoring of airborne levels should be carried out to ensure that the MEL is not exceeded.

Respiratory Prot: Not usually required under normal use conditions. If in exceptional circumstances large quantities are being sprayed in areas of poor ventilation, wear an organic cartridge respirator.

Hand Prot: If prolonged contact is possible during use wear impervious gloves.

Eye Protection: Consider wearing eye protection if eye contact is likely.

9. PHYSICAL/CHEMICAL PROPERTIES:

- Appearance: Clear green liquid.
- Odour: Slight
- pH: Neutral
- BP: Comm at 100C
- Flash Point: None
- Vapour Density: >1 Air=1
- Relative Density: 1.0 @ 20C
- Solubility: Completely soluble in water

10. STABILITY AND REACTIVITY:

- Stability: Stable at normal temperatures and pressures:
- Materials to avoid: May react violently with strong oxidizing agents
- Haz Decomp Prods: Burning will produce smoke, carbon monoxide, carbon dioxide and traces of sulphur dioxide/trioxide.

11. TOXICOLOGICAL INFORMATION:

- Eyes: Liquid splashes in the eye may cause irritation.
- Skin: Prolonged contact may cause de-fatting of the skin and irritation
- Ingestion: Small splashes in the mouth are unlikely to cause adverse effects. The surfactant can cause diarrhea if significant quantities are ingested.
2-Butoxyethanol is harmful by ingestion but the amount present is sufficiently small for the product not to be classified as hazardous under CHIP regulations.
- Inhalation: Inhalation of airborne droplets or aerosols may cause irritation of the respiratory tract. This is unlikely to occur in normal use.

12. ECOLOGICAL INFORMATION:

- Mobility: The product and its solutions have a low surface tension when compared to water. Less than 45m N/m.
- Persistence/Degrad: The surfactant component of this product is 95% bio-degradable when tested to EEC Directive 73/405/EEC as amended by 82/234/EEC.
- Bio-Accumulation: Not expected to bio-accumulate.
- Aquatic Toxicity: No specific data available although ingredients show very low aquatic toxicity.

13. DISPOSAL CONSIDERATIONS:

If large quantities are to be disposed of contact a licensed waste disposal company for advice.

14. TRANSPORT INFORMATION:

Packaging: 1 Lt & 0.5 Lt HDPE Containers :
Transport Classif: Not regulated
Transport Haz Sym: Not required
Other: Not classified as hazardous under IMO, IATA, or UK Transport Regs.

15. REGULATORY INFORMATION:

Supply Classif: Not required.
Other: The information contained in this safety data sheet does not constitute the users own assessment of workplace risks as required by other health and safety legislation.

16. OTHER INFORMATION:

The information contained in this safety data sheet is provided in accordance with the requirements of the Chemicals (Hazard Information and Packaging) Regulations. Use only in accordance with Normal Use instructions.

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The information provided in this safety Data Sheet is correct to the best of our knowledge at the date of issue. It is intended as a guide for safe handling, storage and use in known applications. References to regulatory matters are not intended to be exhaustive and the user must satisfy himself that all relevant legislation is complied with. This Safety Data Sheet should not be construed as a specification or guarantee of specific properties and no liability can be accepted for any loss, injury or damage resulting from its use.

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