

PRODUCT SAFETY DATA SHEET

1. IDENTIFICATION OF THE PREPARATION AND THE COMPANY IDENTIFICATION.

Trade Name:

Blockbuster

Product Format:

Bottle

Product Use:

Unblocking print head nozzles

Supplier in UK:

Jay House LTD
T/A Fotospeed Distribution
Unit 6B Park Lane Industrial Estate
Corsham Wiltshire
SN13 9LG
UK

Contact Telephone: 01249 714555

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0001908 v2 **Revisions:** Revised Address

2. HAZARDS IDENTIFICATION.

- 2.1 **For Humans** (additional information is given under item 11):
Not classified according to 1999/45/EC.
- 2.2 **For the Environment:**
Product may soil public waters by consumption of oxygen. May affect the functioning of separators.
- 2.3 **For Materials:**
None.

3. COMPOSITION / INFORMATION ON INGREDIENTS.

- 3.1 **Chemical Characterisation:**
Alkaline solution of surfactants and solvents.
- 3.2 **Dangerous Ingredients:**

CAS - No.	EEC - No.	Material	% - range	Symbol	R - Phrases
5131-66-8	225-878-4	3-Butoxy-2-propanol	1 – 3%	Xi	R 36/38
107-98-2	203-539-1	1-Methoxy-2-propanol	1 – 3 %	-	R 10

The classification and labelling of this preparation is given in chapter 15, explanation of R-phrases: see chapter 16.

4. FIRST-AID MEASURES.

- 4.1 **Immediate Medical Attention:**
Medical attention required, if adverse effects persist after application of first aid measures displayed in this chapter.
- 4.2 **Inhalation:**
After inhalation of product / fumes of fire leave contaminated area and provide for fresh air.
If symptoms persist, call physician.
- 4.3 **Skin Contact:**
In case of contact with skin wash off immediately with water. If symptoms develop or persist, call physician.
- 4.4 **Eye Contact:**
In case of contact with eyes rinse thoroughly for at least 15 minutes with water.
If symptoms persist, consult physician.
- 4.5 **Ingestion:**
Rinse mouth out and drink plenty of water. Call physician.
- 4.6 **Note to Physician:**
Danger of aspiration when vomiting or irrigating stomach. Give anti-foaming agent if necessary.
- 4.7 **Special Equipment:**
n.av.

5. FIRE-FIGHTING MEASURES.

- 5.1 **Suitable Extinguishing Media:** Water, foam, dry chemicals, CO₂.
- 5.2 **Extinguishing Media to Avoid:** None.
- 5.3 **Fire and Explosion Hazards:**
In case of fire, product may form: organic crackproducts and carbon and/or other oxides.
- 5.4 **Additional Information:**
This material is not combustible, use extinguishing media appropriate for surrounding fire.
- 5.5 **Special Protective Equipment:**
Wear positive pressure self-contained breathing apparatus.
Wear full protective clothing.

6. ACCIDENTAL RELEASE MEASURES.

- 6.1 **Personal Precautions:**
See No. 8.3 Personal Protective Equipment. High risk of slipping due to leakage / spillage of product.
- 6.2 **Environmental Precautions and Methods for Cleaning up :**
Do not allow larger quantities to enter drainage. Soak up with absorbent material. Inform responsible authorities after accidental conduction of larger quantities. Prevent risk of slipping by covering with mineral dispersion material.
- 6.3 **Further Information:** None.

7. HANDLING AND STORAGE.

- 7.1 **Handling**
- 7.1.1 **Precautions for Safe Handling:**
No special measures necessary if used correctly.
- 7.1.2 **Precautions in Case of Fire and Explosion:**
None.
- 7.2 **Storage**
- 7.2.1 **Storage Instructions:**
Store in closed packages. Store in a cool, dry frost free place and out of reach of children.
- 7.2.2 **Store away from:**
Do not store together with oxidizing agents or alkalis.
- 7.2.3 **Further Information on Storage Conditions:**
None.
- 7.2.4 **Storage Class :** 12, non combustible liquid, following VCI – Concept, Germany.

8. EXPOSURE CONTROLS AND PERSONAL PROTECTION.

8.1	Information on System Design: Provide personal protective equipment.
8.2	Exposure Limits:
8.2.1	Material: 1-Methoxy-2-propanol Limit Value: 19 mg/m ³ or 5 ml/m ³
8.3	Personal Protective Equipment
8.3.1	General Protection and Hygiene: Do not eat or drink while working. Avoid contact with eyes and skin. Take off contaminated, saturated clothing immediately.
8.3.2	Respiratory Protection: No.
8.3.3	Hand Protection: None required under normal conditions of use. For sensitive skin or prolonged exposure, wear PVC or rubber gloves. Permeation level 6 and Penetration level 3 following EN 374 taking into consideration the exposure of chemicals given in chapter 2.
8.3.4	Eye Protection : None required under normal conditions of use. May cause eye irritation. Wear eye protection if the possibility of splashing exists.
8.3.5	Skin Protection: None required under normal conditions of use. Emergency responders should wear impermeable clothing and footwear when responding to a situation where contact with the liquid is possible.
8.3.6	Further Information: Refer to special restrictions in wearing protective equipment.

9. PHYSICAL AND CHEMICAL PROPERTIES.

9.1	Appearance
9.1.1	Form: liquid
9.1.2	Colour: colourless
9.1.3	Odour: may contain perfume
9.2	Safety Relevant Data
9.2.1	pH-value, undiluted: 8.0 – 10.0
9.2.3	Flash point (°C, c.c.): > 61°C
9.2.4	Density (g/ml): n.av.
9.2.5	Solubility (in Water): soluble
9.2.6	Viscosity: 100 – 300 mPas (20°C, RVT spindle 2, 50 rpm)
9.3	Further Data
9.3.1	Thermal decomposition (°C): n.av.
9.3.2	Vapour density (Air = 1): n.av.
9.3.3	Evaporation rate: n.av.

10. STABILITY AND REACTIVITY.

10.1	Conditions to Avoid: No special measures necessary if used correctly.
10.2	Materials to Avoid: Solvent sensitive materials.
10.3	Hazardous Decomposition Products: No dangerous decomposition products when properly handled.
10.4	Further Information: Do not mix with other household products.

11. TOXICOLOGICAL INFORMATION.

11.1	Toxicological Tests:
11.1.1	Acute Health Effects:
	Inhalation, LC ₅₀ rat, (mg/l/4h): n.av.
	Ingestion, LD ₅₀ rat, (mg/kg): > 2000 (calculated, based on raw material data)
	Skin - contact, LD ₅₀ rat, (mg/kg): n.av.
	Irritation (to skin / eye): Mildly irritating to eyes and skin.
	Sensitisation: n.av.
11.1.2	Subacute / Chronic Toxicity:
	Carcinogenicity: n.av.
	Mutagenicity: n.av.
	Teratogenicity: n.av.
	Narcotic Effects: None.
11.2	Practical Experience
11.2.1	Observations relevant for classification: None.
11.2.2	Further Observations: None.
11.3	General Remarks: Classification of the preparation has been done by calculation in accordance with EEC directives.

12. ECOLOGICAL INFORMATION.

- 12.1 **Ecotoxic Effects, Aquatic Toxicity:**
According to present knowledge no negative ecological reactions are to be expected.
- 12.2 **Behaviour in Sewage Works :**
Mobility and Accumulation Potential: n.av.
- 12.3 **Elimination (Persistence and Degradability) :**
The surfactants incorporated comply with the requirements of the European Detergents Regulation 648/2004/EC.
- 12.4 **Other Ecological Information**
- 12.4.1 COD-Value, mg/g: n.av.
- 12.4.2 BOD₅-Value, mg/g: n.av.
- 12.4.3 AOX-Remarks: n.ap.
- 12.4.4 Significant Components: None.
- 12.4.5 Other adverse effects: None.

13. DISPOSAL CONSIDERATIONS.

- 13.1 **Residues**
- 13.1.1 Recommendation following 75/442/EEC and amendments: Landfill or incineration.
Waste - Code - No. : 20 01 29 (Detergents containing dangerous substances)
In addition comply with the regional regulations.
- 13.1.2 Safe Handling: See item 7 and 15.
- 13.2 **Contaminated Packaging**
- 13.2.1 Recommendation: Wash with suitable cleaner. Otherwise as described under Residues.
- 13.2.2 Safe Handling: As described under Residues.

14. TRANSPORT INFORMATION.

- 14.1 **Transportation by Road or Railway** according to ADR/GGVS and RID/GGVE
Remarks: No dangerous goods according to ADR.
- 14.2 **Classification for Transportation by Inland-Navigation** according to ADNO/GGVBinSch
Remarks: Classification has not been done.
- 14.3 **Classification for Transportation by Vessels** according to IMDG/GGVSee
Remarks: No dangerous goods according to IMDG.

15. REGULATORY INFORMATION.

- 15.1 **Classification according to EEC-Regulations:**
Classification required by EEC: no
Hazard Identification: None.
Hazard Symbol(s): None.
Component(s): -
R-Phrases:
None.
S-Phrases (non-mandate):
Keep out of the reach of children.
In case of contact with eyes, rinse immediately with plenty of water and seek medical advice.
If swallowed, seek medical advice immediately and show this container or label.
- Additional Markings: Although this product does not require a hazard warning label, we recommend that the safety advice above or the A.I.S.E. safety text and icons (see chapter 16) to be displayed.
- 15.1.1 The above mentioned labelling is valid for distribution to private consumer.
Labelling (formats, exemptions, and additional markings) has to be done according to respective regulations.

16. OTHER INFORMATION.

Risk-Phrases allocated to ingredients mentioned in chapter 3:

R 10 - Flammable.

R 36/38 - Irritating to eyes and skin.

AISE Safety Icons



Keep away from children.



Keep away from eyes. If product gets into eyes rinse thoroughly with water.



Do not ingest. If product is ingested then seek medical advice.

This document complements the technical usage instructions but does not replace them. The information contained herein is based on our best current knowledge of the product concerned, and is given in good faith. The attention of recipients is drawn to (amongst other things) the element of risk consequent to use of the product other than that for which it was intended.

In no way does this document remove the need of the recipient of the product to fully understand and apply statutory requirements. It is the recipient's sole responsibility to take due precautions relative to the use made of the product. All information contained herein is only to assist the recipient in fulfilling their statutory duty connected with the use of hazardous materials.

This list of information must not be considered as exhaustive, and does not exonerate the recipient from taking other precautions described in documents other than those mentioned, concerning the storage and use of the product, for which they remain the sole person responsible.