

The logo for Prochem, featuring the word "PROCHEM" in white, bold, sans-serif capital letters on a blue rectangular background.

SAFETY DATA SHEET INK SOLV

SECTION 1: Identification of the substance/mixture and of the company/undertaking

1.1. Product identifier

Product name INK SOLV

Product number E848

1.2. Relevant identified uses of the substance or mixture and uses advised against

Identified uses A water-based micro-emulsion spotter for ink, marker pen, nail polish, PVA adhesive and other water and solvent soluble stains on carpets, fabrics and hard surfaces.

1.3. Details of the supplier of the safety data sheet

Supplier www.prochem.co.uk
Prochem Europe Ltd
Oakcroft Road
Chessington
Surrey
KT9 1RH

Telephone: 020 8974 1515
Fax: 020 8974 1511
sales@prochem.co.uk

1.4. Emergency telephone number

Emergency telephone 020 8974 1515 (office hours 8am to 5pm Monday to Friday) Emergency Action: In the event of a medical enquiry involving this product, please contact your doctor or local hospital accident and emergency department, who may seek advice from the UK National Poisons Information Service, where our full product details are held. For Ireland contact the NPIC: 01 837 9964 or 01 809 2566.

SECTION 2: Hazards identification

2.1. Classification of the substance or mixture

Classification (EC 1272/2008)

Physical hazards Not Classified

Health hazards Eye Dam. 1 - H318

Environmental hazards Not Classified

Human health Risk of serious damage to eyes. Eye contact may cause: Irritation and redness, followed by blurred vision. May cause possible injury if not promptly rinsed. Prolonged skin contact may cause redness and irritation.

Environmental Toxic to aquatic life. The product is expected to be biodegradable.

2.2. Label elements

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Pictogram



Signal word

Danger

Hazard statements

H318 Causes serious eye damage.

Precautionary statements

P102 Keep out of reach of children.
 P262 Do not get in eyes, on skin, or on clothing.
 P280 Wear protective gloves/ protective clothing/ eye protection/ face protection.
 P305+P351+P338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
 P310 Immediately call a POISON CENTER/ doctor.

Contains

Alcohols, C9-11-iso, C10-rich, ethoxylated, Nopol ethoxylated propoxylated

2.3. Other hazards

See section 8 for details of exposure limits.

SECTION 3: Composition/information on ingredients

3.2. Mixtures

Alcohols, C9-11-iso, C10-rich, ethoxylated CAS number: 78330-20-8	30-60%
Classification Eye Dam. 1 - H318	
Nopol ethoxylated propoxylated CAS number: 174955-61-4	5-10%
Classification Acute Tox. 4 - H302 Eye Dam. 1 - H318	

The Full Text for all R-Phrases and Hazard Statements are Displayed in Section 16.

SECTION 4: First aid measures

4.1. Description of first aid measures

Inhalation	Move affected person to fresh air and keep warm and at rest in a position comfortable for breathing. Get medical attention if any discomfort continues.
Ingestion	Do not induce vomiting. Do not give anything to drink. Seek medical advice immediately and show the container or label. Show this Safety Data Sheet to the medical personnel.
Skin contact	Remove contaminated clothing and rinse skin thoroughly with water. Get medical attention if irritation persists after washing.
Eye contact	Rinse immediately with plenty of water. Remove any contact lenses and open eyelids wide apart. Continue to rinse for at least 15 minutes. Get medical attention immediately. Continue to rinse.

4.2. Most important symptoms and effects, both acute and delayed

Eye contact	Risk of serious damage to eyes.
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4.3. Indication of any immediate medical attention and special treatment needed

Notes for the doctor In the event of contact with eyes or ingestion seek immediate medical help. Treat symptomatically.

SECTION 5: Firefighting measures

5.1. Extinguishing media

Suitable extinguishing media Use fire-extinguishing media suitable for the surrounding fire. Water spray, foam, dry powder or carbon dioxide.

Unsuitable extinguishing media Do not use water jet as an extinguisher, as this will spread the fire.

5.2. Special hazards arising from the substance or mixture

Specific hazards No unusual fire or explosion hazards noted.

Hazardous combustion products In case of fire, toxic gases may be formed.

5.3. Advice for firefighters

Protective actions during firefighting Avoid release to the environment. Contain and collect extinguishing water. Do not discharge into drains or watercourses or onto the ground. Collect and dispose of spillage as indicated in Section 13.

Special protective equipment for firefighters Wear positive-pressure self-contained breathing apparatus (SCBA) and appropriate protective clothing.

SECTION 6: Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures

Personal precautions Wear protective clothing as described in Section 8 of this safety data sheet. Avoid contact with skin and eyes.

6.2. Environmental precautions

Environmental precautions Do not discharge into drains or watercourses or onto the ground.

6.3. Methods and material for containment and cleaning up

Methods for cleaning up Stop leak if possible without risk. Absorb spillage with non-combustible, absorbent material. Collect and place in suitable waste disposal containers and seal securely. Dispose of waste to licensed waste disposal site in accordance with the requirements of the local Waste Disposal Authority.

6.4. Reference to other sections

Reference to other sections For personal protection, see Section 8. For waste disposal, see Section 13.

SECTION 7: Handling and storage

7.1. Precautions for safe handling

Usage precautions Wear protective clothing as described in Section 8 of this safety data sheet. Wash hands thoroughly after handling. Wash contaminated clothing before reuse. Do not eat, drink or smoke when using this product.

7.2. Conditions for safe storage, including any incompatibilities

Storage precautions Keep out of the reach of children. Store in closed original container at temperatures between 5°C and 30°C. Keep away from heat, sparks and open flame. Store away from the following materials: Strong acids. Strong alkalis. Strong oxidising agents.

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7.3. Specific end use(s)

Specific end use(s) The identified uses for this product are detailed in Section 1.2.

SECTION 8: Exposure Controls/personal protection

8.1. Control parameters

Ingredient comments No exposure limits known for ingredient(s).

8.2. Exposure controls

Protective equipment



Appropriate engineering controls

Provide adequate ventilation.

Eye/face protection

Side shield safety glasses are recommended when handling this product.

Hand protection

It is recommended that gloves are made of the following material: Neoprene. Protective gloves should be inspected for wear before use and replaced regularly in accordance with the manufacturers specifications.

Hygiene measures

Wash hands thoroughly after handling. Wash contaminated clothing before reuse. Do not eat, drink or smoke when using this product.

Respiratory protection

Not required in normal use. If ventilation is inadequate, suitable respiratory protection must be worn.

SECTION 9: Physical and Chemical Properties

9.1. Information on basic physical and chemical properties

Appearance	Viscous liquid.
Colour	Clear.
Odour	Mild.
pH	pH (concentrated solution): 7.5
Initial boiling point and range	Not determined.
Flash point	Not determined.
Evaporation rate	Not determined.
Upper/lower flammability or explosive limits	Not applicable.
Vapour pressure	Not determined.
Vapour density	Not determined.
Relative density	1.01
Solubility(ies)	Soluble in water.
Partition coefficient	Not determined.
Viscosity	Not determined.
Explosive properties	Not applicable.

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Oxidising properties Not applicable.

9.2. Other information

Other information None.

SECTION 10: Stability and reactivity

10.1. Reactivity

Reactivity There are no known reactivity hazards associated with this product.

10.2. Chemical stability

Stability Stable at normal ambient temperatures and when used as recommended.

10.3. Possibility of hazardous reactions

Possibility of hazardous reactions Not determined.

10.4. Conditions to avoid

Conditions to avoid Store in closed original container at temperatures between 5°C and 30°C. Avoid heat, flames and other sources of ignition.

10.5. Incompatible materials

Materials to avoid Strong acids. Strong alkalis. Strong oxidising agents.

10.6. Hazardous decomposition products

Hazardous decomposition products Thermal decomposition or combustion may liberate carbon oxides and other toxic gases or vapours.

SECTION 11: Toxicological information

11.1. Information on toxicological effects

Acute toxicity - oral

ATE oral (mg/kg) 7,500.01

Skin corrosion/irritation

Skin corrosion/irritation Slightly irritating.

Serious eye damage/irritation

Serious eye damage/irritation Risk of serious damage to eyes. Eye contact may cause: Irritation and redness, followed by blurred vision. Profuse watering of the eyes.

Skin sensitisation

Skin sensitisation Not sensitising.

Germ cell mutagenicity

Genotoxicity - in vivo No effects expected based upon current data.

Carcinogenicity

Carcinogenicity No effects expected based upon current data.

Reproductive toxicity

Reproductive toxicity - fertility No effects expected based upon current data.

SECTION 12: Ecological Information

12.1. Toxicity

Toxicity Toxic to aquatic life.

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12.2. Persistence and degradability

Persistence and degradability The surfactant(s) contained in this product complies(comply) with the biodegradability criteria as laid down in Regulation (EC) No. 648/2004 on detergents. Data to support this assertion are held at the disposal of the competent authorities of the Member States and will be made available to them at their direct request, or at the request of a detergent manufacturer.

12.3. Bioaccumulative potential

Bioaccumulative potential The product is not bioaccumulating.

Partition coefficient Not determined.

12.4. Mobility in soil

Mobility The product is soluble in water.

12.5. Results of PBT and vPvB assessment

Results of PBT and vPvB assessment This product does not contain any substances classified as PBT or vPvB.

12.6. Other adverse effects

Other adverse effects None known.

SECTION 13: Disposal considerations

13.1. Waste treatment methods

Disposal methods Dispose of waste to licensed waste disposal site in accordance with the requirements of the local Waste Disposal Authority. Empty containers should be rinsed with water then crushed and disposed of at legal waste disposal site.

SECTION 14: Transport information

14.1. UN number

Not classified for transportation.

14.2. UN proper shipping name

None.

14.3. Transport hazard class(es)

ADR/RID class -

IMDG class -

14.4. Packing group

None.

14.5. Environmental hazards

Environmentally hazardous substance/marine pollutant

No.

14.6. Special precautions for user

None.

14.7. Transport in bulk according to Annex II of MARPOL and the IBC Code

Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code Not applicable.

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SECTION 15: Regulatory information

15.1. Safety, health and environmental regulations/legislation specific for the substance or mixture

National regulations	The Control of Substances Hazardous to Health Regulations 2002 (SI 2002 No. 2677) (as amended).
EU legislation	Regulation (EC) No 1907/2006 of the European Parliament and of the Council of 18 December 2006 concerning the Registration, Evaluation, Authorisation and Restriction of Chemicals (REACH) (as amended). Regulation (EC) No 1272/2008 of the European Parliament and of the Council of 16 December 2008 on classification, labelling and packaging of substances and mixtures (as amended).

15.2. Chemical safety assessment

No chemical safety assessment has been carried out.

SECTION 16: Other information

General information	Telephone 020 8974 1515
Revision date	24/05/2017
Revision	3
Supersedes date	24/11/2014
Please note:	Where abbreviations have been used elsewhere the full text has been written below, for the classification of the product please refer to section 2.
Hazard statements in full	H302 Harmful if swallowed. H318 Causes serious eye damage.
Signature	Aaron Saunders

For additional information on safety, training and use of this product, contact the supplier. This product is intended for professional use only. The information given is intended to be of assistance to users but is without guarantee. Variations can occur in application and users are advised to conduct their own tests. Suggestions for use neither give nor imply any guarantee as to the intended use.