

The logo for Prochem, featuring the word "PROCHEM" in a bold, white, sans-serif font with a registered trademark symbol, set against 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.

SECTION 2: Hazards identification

2.1. Classification of the substance or mixture

Classification

Physical hazards

Not Classified

Health hazards

Acute Tox. 4 - H302 Eye Dam. 1 - H318

Environmental hazards

Not Classified

Classification (67/548/EEC or 1999/45/EC)

Xn;R22. Xi;R41.

Human health

Harmful if swallowed. 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

Pictogram

INK SOLV

Signal word



Danger

Hazard statements

H302 Harmful if swallowed.
H318 Causes serious eye damage.

Precautionary statements

P102 Keep out of reach of children.
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.
P301+P312 IF SWALLOWED: Call a POISON CENTER/doctor if you feel unwell.
P310 Immediately call a POISON CENTER/doctor.
P501 Dispose of contents / container in accordance with local / regional / national / international regulations.

Contains

ETHOXYLATED BRANCHED C9-11, C10 RICH ALCOHOLS, NOPOL ETHOXYLATED PROPOXYLATED

2.3. Other hazards

See section 8 for details of exposure limits.

SECTION 3: Composition/information on ingredients**3.2. Mixtures**

ETHOXYLATED BRANCHED C9-11, C10 RICH ALCOHOLS	30-60%
CAS number: 78330-20-8 EC number: —	
Classification	Classification (67/548/EEC or 1999/45/EC)
Eye Dam. 1 - H318	Xn;R22. Xi;R41.
Acute Tox. 4 - H302	
NOPOL ETHOXYLATED PROPOXYLATED	5-10%
CAS number: 174955-61-4 EC number: —	
Classification	Classification (67/548/EEC or 1999/45/EC)
Eye Dam. 1 - H318	Xn;R22. Xi;R41.
Acute Tox. 4 - H302	

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

INK SOLV

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

Ingestion

Harmful if swallowed.

Eye contact

Risk of serious damage to eyes.

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

INK SOLV

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.

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

Occupational exposure limits

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.

INK SOLV

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.

Oxidising properties

Not applicable.

9.2. Other information**Other information**

None.

SECTION 10: Stability and reactivity

10.1. 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

Not determined.

10.4. 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

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

SECTION 11: Toxicological information

11.1. Information on toxicological effects**Toxicological effects**

Harmful if swallowed.

Acute toxicity - oral**ATE oral (mg/kg)**

1,071.42964286

INK SOLV

Skin corrosion/irritation

Skin corrosion/irritation Slightly irritating.

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

Not sensitising.

Germ cell mutagenicity

Genotoxicity - in vivo

No effects expected based upon current data.

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

Toxic to aquatic life.

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

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

This product does not contain any substances classified as PBT or vPvB.

12.6. 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.

INK SOLV**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 MARPOL73/78 and the IBC Code

Not applicable.

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). The Chemicals (Hazard Information and Packaging for Supply) Regulations 2009 (SI 2009 No. 716).

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 24/11/2014**Revision** 2**Supersedes date** 26/03/2013**Signature** Aaron Saunders**Risk phrases in full**

R22 Harmful if swallowed.
R41 Risk of serious damage to eyes.

Hazard statements in full

H302 Harmful if swallowed.
H318 Causes serious eye damage.

Disclaimer

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.