

SAFETY DATA SHEET

INK CLEAN

1 IDENTIFICATION OF THE SUBSTANCE / PREPARATION AND OF THE COMPANY / UNDERTAKING

1.1. Product identifier

Product name: INK CLEAN

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

Use of substance / mixture: PC35: Washing and cleaning products (including solvent based products).

1.3. Details of the supplier of the safety data sheet

Company name: Pure Clean Waste Solutions Ltd

Old Moor Road,

Bredbury,

Stockport,

SK6 2QE

Tel: 0161 430 5390

Fax: 0161 406 9723

Email: support@pcws.co.uk

Emergency Tel: 0161 430 5390

1.4. Emergency telephone number

Emergency Tel: 0161 430 5390 (Office hours only)

2 HAZARD IDENTIFICATION

2.1. Classification of the substance or mixture

Classification under CLP: Eye Irrit. 2: H319

Most important adverse effects: Causes serious eye irritation.

2.2. Label element

Label elements

Hazard statements:

H319: Causes serious eye irritation.

Hazard pictograms:

GHS07: Exclamation mark.



Signal words:

Warning.

Precautionary statements:

P264: Wash hands thoroughly after handling.

P280: Wear protective gloves/protective clothing/eye protection/face protection.

P305+351+338: IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.

P337+313: If eye irritation persists: Get medical advice/attention.

2.3. Other hazards

Other hazards:

No data available.

PBT:

This product is not identified as a PBT/vPvB substance.

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3 Composition/information on ingredients

3.2. Mixtures

Hazardous ingredients:

TETRAPOTASSIUM PYROPHOSPHATE – REACH registered number(s): 01-2119489369-18-XXXX

EINECS	CAS	CHIP Classification	CLP Classification	Percent
230-785-7	7320-34-5	-	Eye Irrit. 2: H319	10-30%

SODIUM CARBONATE – REACH registered number(s): 01-2119485498-19

207-838-8	497-19-8	-	Eye Irrit. 2: H319	1-10%
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DIPROPYLENE GLYCOL MONOMETHYL ETHER

252-104-2	34590-94-8	Substance with a Community workplace exposure limit.	-	1-10%
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4 First Aid Measures

4.1. Description of first aid measures

Skin contact:	For even minor contact, immediately remove contaminated clothing. Wash skin thoroughly with mild soap and water. Wash contaminated clothing before re-use. If skin irritation occurs: Get medical advice/attention.
Eye contact:	Immediately start continuous flushing of eyes with water for at least 15 minutes. If easy to do, contact lenses should be removed during the flushing, by trained personnel. Hold the eyelids apart during the flushing to ensure rinsing the entire surface. Transfer to hospital for specialist examination.
Ingestion:	Wash out mouth with water. Do not induce vomiting. If conscious, give half a litre of water to drink immediately. Consult a doctor.
Inhalation:	Not applicable; likely occurrence not possible under normal conditions of use.

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

Skin contact:	There may be irritation and redness at the site of contact.
Eye contact:	There may be pain and redness. The eyes may water profusely. There may be severe pain. The vision may become blurred. May cause permanent damage.
Ingestion:	There may be soreness and redness of the mouth and throat. Nausea and stomach pain may occur.
Inhalation:	May cause respiratory system irritation.
Delayed / immediate effects:	Immediate effects can be expected after short-term exposure.

4.3. Indication of any immediate medical attention and any special treatment needed

Immediate / special treatment: Treat symptomatically.

5 FIRE-FIGHTING MEASURES

5.1. Extinguishing media

Extinguishing media: Extinguish with alcohol-resistant foam, carbon dioxide, dry powder or water fog.

5.2. Special hazards arising from the substance or mixture

Exposure hazards: In combustion emits toxic fumes or carbon dioxide / carbon monoxide.

5.3. Advice for fire-fighters

Advice for fire-fighters: Wear self-contained breathing apparatus. Wear protective clothing to prevent contact with skin and eyes.

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6 ACCIDENTAL RELEASE MEASURES

6.1. Personal precautions, protective equipment and emergency procedures

Personal precautions: Mark out the contaminated area with signs and prevent access to unauthorised personnel. Do not attempt to take action without suitable protective clothing – see section 8 of SDS. Turn leaking containers leak-side up to prevent the escape of liquid.

6.2. Environmental precautions

Environmental precautions: No special precautions. Contain the spillage using bunding. Do not discharge into drains or rivers.

6.3. Methods and material for containment and cleaning up

Clean-up procedures: Absorb into dry earth or sand. Transfer to a closable, labelled salvage container for disposal by an appropriate method.

6.4. Reference to other sections

Reference to other sections: Refer to section 8 of SDS. Refer to section 13 of SDS.

7 Handling and Storage

7.1. Precautions for safe handling

Handling requirements: Avoid direct contact with the substance. Ensure there is sufficient ventilation of the area. Avoid the formation or spread of mists in the air.

7.2. Conditions for safe storage, including any incompatibilities

Storage conditions: Store in cool, well ventilated area. Keep container tightly closed.
Suitable Packaging: Must be kept in original packaging.

7.3. Specific use(s)

Specific end use(s): Refer to Section 1.

8 Exposure controls/personal protection

8.1. Control parameters

Hazardous ingredients:

TETRAPOTASSIUM PRYOPHOSPHATE

Workplace exposure limits:

Respirable dust

State	8 hour TWA	15 min. STEL	8 hour TWA	15 min. STEL
UK	1.0 mg/m ³	2.0 mg/m ³	-	-

DIPROPYLENE GLYCOL MONOMETHYL ETHER

EU	50 ppm	-	-	-
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DNEL/PNEC Values

Hazardous ingredients:

TETRAPOTASSIUM PYROPHOSPHATE

Type	Exposure	Value	Population	Effect
DNEL	Inhalation	2.79mg/m ³	Workers	Systemic
DNEL	Inhalation	0.68mg/m ³	Consumers	Systemic
PNEC	Fresh water	0.05mg/l	-	-
PNEC	Marine water	0.005mg/l	-	-
PNEC	Fresh water	0.05mg/l	-	-

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8 Exposure controls/personal protection

8.2. Exposure controls

Engineering measures:	Provide adequate ventilation. Avoid inhalation of dust. Observe any occupational exposure limits for the product or ingredients.
Respiratory protection:	No specific recommendations. Respiratory protection may be required if excessive airborne contamination occurs.
Hand protection:	The most suitable glove should be chosen in consultation with the glove supplier/manufacturer, who can provide information about the breakthrough time of the glove material.
Eye protection:	Safety glasses. Ensure eye bath is to hand.
Skin protection:	Protective clothing.
Environmental:	No special requirement. Prevent from entering in public sewers or the immediate environment.

9 Physical and chemical properties

9.1. Information on basic physical and chemical properties

State:	Liquid		
Colour:	Colourless		
Odour:	Solvent		
Evaporation rate:	Slow		
Oxidising:	No data available.		
Solubility in water:	Miscible in all proportions		
Viscosity:	Non-viscous		
Boiling point/range°C:	>35	Melting point/range°C:	<0
Flammability limits %: lower:	No data available.	Upper:	No data available.
Flash point°C:	No data available.	Part.coeff. N-octanol/water:	No data available.
Autoflammability°C:	No data available.	Vapour pressure:	No data available.
pH:	12.	VOC g/l:	No data available.

9.2. Other information

Other information: Not applicable.

10 Stability and reactivity

10.1. Reactivity

Reactivity: Stable under recommended transport or storage conditions.

10.2. Chemical stability

Chemical stability: Stable under normal conditions.

10.3. Possibility of hazardous reaction

Hazardous reactions: Hazardous reactions will not occur under normal transport or storage conditions. Decomposition may occur on exposure to conditions or materials listed below.

10.4. Conditions to avoid

Conditions to avoid: Heat.

10.5. Incompatible materials

Materials to avoid: Strong oxidising agents. Strong acids.

10.6. Hazardous decomposition products

Haz. decomp. products: In combustion emits toxic fumes of carbon dioxide / carbon monoxide.

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11 Toxicological products

11.1. Information on toxicological effects

Hazard ingredients:

SODIUM CARBONATE

ORL	MUS	LD50	6600	mg/kg
ORL	RAT	LD50	4090	mg/kg
SCU	MUS	LD50	2210	mg/kg

Relevant hazards for product:

Hazard	Route	Basis
Serious eye damage/irritation	OPT	Hazardous: calculated

Symptoms / routes of exposure

Skin contact:	There may be irritation and redness at the site of contact.
Eye contact:	There may be pain and redness. The eyes may water profusely. There may be severe pain. The vision may become blurred. May cause permanent damage.
Ingestion:	There may be soreness and redness of the mouth and throat. Nausea and stomach pain may occur.
Inhalation:	May cause respiratory system irritation.
Delayed / immediate effects:	Immediate effects can be expected after short-term exposure.
Other information:	Not applicable.

12 Ecological information

12.1. Toxicity

Hazardous ingredients:

TETRAPOTASSIUM PYROPHOSPHATE

Daphnia magna	48H EC50	100	mg/l
RAINBOW TROUT (Oncorhynchus mykiss)	96H LC50	>100	mg/l

12.2. Persistence and degradability

Persistence and degradability: No data available.

12.3. Bioaccumulative potential

Bioaccumulative potential: No data available.

12.4. Mobility in soil

Mobility: No data available.

12.5. Results of PBT and vPvB assessment

PBT identification: This product is not identified as a PBT/vPvB substance.

12.6. Other adverse effects

Other adverse effects: No data available.

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13 Disposal Considerations

13.1. Waste treatment methods

Disposal operations: Transfer to a suitable container and arrange for collection by specialised disposal company.
Recovery operations: Not applicable.
Disposal of packaging: Clean with water. Dispose of as normal industrial waste. May be reused following decontamination.
NB: The user's attention is drawn to the possible existence of regional and national regulations regarding disposal.

14 Transport information

Transport class: This product does not require a classification for transport.

15 Regulatory information

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

Specific regulations: UE Legislation: 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 mixture (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).

15.2. Chemical Safety Assessment

16 Other information

Other information

Other information: This safety data sheet is prepared in accordance with Commission Regulation (EU) No 2015/830. * indicates text in the SDS which has changed since the last revision.

Phrases used in s.2 and 3: H319: Causes serious eye irritation.

Legal disclaimer: The above information is believed to be correct but does not purport to be all inclusive and shall be used only as a guide. This company shall not be held liable for any damage resulting from handling or from contact with the above product.