

SECTION 1: PRODUCT IDENTIFICATION

Product Name: Pretreatment solution for DTG Inks – CPT0045A

I-PREP-PLUS-3.78L

1.2 RELEVANT IDENTIFIED USES OF THE PRODUCT

Product Use: Industrial applications: To for treating T-shirts before printing with water -based DTG inks using any ink jet printer. Not for jetting but to spray on or roller application

1.3 SUPPLIER: KESKON Industries, LLC

Phone: +1-714-864-1668

SECTION 2 ·HAZARDOUS IDENTIFICATION

Classification of substance or mixture:



Eye Irritation: Causes mild skin and eye irritation.
 HMIS III Ratings: Health: 1; Flammability: 1 ; Physical Hazard: 0 PPE: G
 Label elements: Labeling according to Regulation (EC) No 1272/2008
 The substance is classified and labeled according to the CLP regulation.
 Hazard statements: Hazard pictograms
 Signal word: Warning
 Harmful if swallowed. Causes serious eye irritation. May cause drowsiness or dizziness.

SECTION 3: COMPOSITION INFORMATION

Mixture of salt solution in water with a proprietary resin/polymeric binder. No hazardous solvents present in this solution. Salt content < 10% and the binder content < 20%.

SECTION 4 ·EMERGENCY FIRST AID MEASURES

Skin contact: Wash off with soap and plenty of water. Consult a physician.
 Ingestion: Do NOT induce vomiting. Never give anything by mouth to an unconscious person.
 Most important symptoms and effects, both acute and delayed
 Potential acute health effects: Eye contact, Inhalation, Skin contact, Ingestion: No known significant effects or critical hazards.
 Over-exposure signs/symptoms: Eye contact, Inhalation, Skin contact, Ingestion: No specific data. Indication of any immediate medical attention and special treatment needed Treat symptomatically.
 Irritating to eyes and respiratory system. Harmful by inhalation, in contact with skin and if swallowed.

Harmful: Possible risk of through inhalation, contact with skin and if swallowed.
Target Organ(s): Eyes, Lungs, kidney effects.

Keep away from flame, heat and static discharge sources. Irritant. Avoid inhalation of vapors and contact with eyes and skin. If inhaled remove to fresh air. If splashed in eyes flush with water for more than 15 minutes. If in contact with skin, flush with water and wash with mild soap. In medical emergency call the Poison Control Center and a physician. Read MSDS before using. Repeated exposure may cause skin dryness or cracking. If swallowed, immediately call a Poison Control Center and a physician. Get medical attention. Keep container tightly closed. Store in a well ventilated place.

SECTION 5 · FIRE-FIGHTING MEASURES

Extinguishing media Suitable extinguishing media Alcohol-resistant foam, dry chemical, carbon dioxide (CO₂), water-spray.

Special hazards arising from the substance or mixture Carbon oxides

Advice for firefighters Use breathing apparatus with independent air supply. Protective suit.

Further information Use water spray to cool unopened containers

NFPA Ratings: Hazard Scale: 0= Minimal 1= Slight 2= Moderate 3= Serious 4= Severe

Health: 1 Flammability: 2 Reactivity: 0

SECTION 6 · ACCIDENTAL RELEASE MEASURES

Personal precautions, protective equipment and emergency procedures:

Use personal protective equipment. Avoid breathing Vapors, mist or gas. Ensure adequate ventilation. Remove all sources of ignition. Beware of Vapors accumulating to form explosive concentrations. Vapors can accumulate in low areas.

Environmental precautions: Prevent further leakage or spillage if safe to do so. Do not let product enter drains.

Methods and materials for containment and cleaning up: Contain spillage, and then collect with an electrically protected vacuum cleaner or by wet-brushing and place in container for disposal according to local regulations. Keep in suitable, closed containers for disposal.

SECTION 7 · HANDLING AND STORAGE

Handling: Avoid contact with skin and eyes. Avoid inhalation of Vapor or mist. Keep away from sources of ignition - No smoking. Take measures to prevent the buildup of electrostatic charge.

Conditions for safe storage, including any incompatibilities: Store in cool place. Keep container tightly closed in a dry and well-ventilated place. Containers which are opened must be carefully resealed and kept upright to prevent leakage.

Specific end uses No data available

SECTION 8 · EXPOSURE CONTROLS AND PERSONAL PROTECTION

Control parameters: Components with workplace control parameters

Exposure controls: Appropriate engineering controls. Handle in accordance with good industrial hygiene and safety practice. Wash hands before breaks and at the end of workday.

Personal protective equipment: Eye/face protection, Face shield and safety glasses Use equipment for eye protection tested and approved under appropriate government standards such as NIOSH (US) or EN 166(EU).

Skin protection: Handle with gloves. Gloves must be inspected prior to use. Use proper glove removal technique (without touching glove's outer surface) to avoid skin contact with this product. Dispose of contaminated gloves after use in accordance with applicable laws and good laboratory practices. Wash and dry hands. The selected protective gloves have to satisfy the specifications of EU Directive 89/686/EEC and the standard EN 374 derived from it.

Body Protection: Complete suit protecting against chemicals, the type of protective equipment must be selected according to the concentration and amount of the dangerous substance at the specific workplace.

Respiratory protection: Where risk assessment shows air-purifying respirators are appropriate use a full-face respirator with multi-purpose combination (US) or type ABEK (EN 14387) respirator cartridges as a backup to engineering controls. If the respirator is the sole means of protection, use a full-face supplied air respirator. Use respirators and components tested and approved under appropriate government standards such as NIOSH (US) or CEN (EU).

SECTION 9 · PHYSICAL AND CHEMICAL PROPERTIES

1	Color	Opaque white solution
2	Odor	mild odor
3	Boiling point/boiling range of ink	Approx. 100 °C or higher
4	Melting Point/Melting Range	No data available
5	Flash point of ink	N/A
6	Auto-Ignition Temperature	N/A
7	Flammability (solid, gas)	Not Applicable
8	Explosive Properties	None
9	Vapor Pressure	No data available
10	Specific Gravity	0.98 ± 0.01(25°C)
11	Solubility	Soluble in water
12	Water solubility	Complete
13	Viscosity	< 10 cps
14	pH	6-8
15	Oxidizing properties	No data available
16	Vapor Density	Not Applicable

The Physical and chemical data given in Section 9 are typical values for this product and are not intended to be product specifications.

SECTION 10 · STABILITY AND REACTIVITY

Reactivity:	None
Chemical Stability:	No data available
Possibility of hazardous reactions:	No data available
Incompatible materials:	Strong oxidizing agents, Strong bases
Hazardous decomposition products:	None
Other decomposition products:	No data available

SECTION 11 · TOXICOLOGICAL INFORMATION

Information on toxicological effects: Routes of Overexposure: Eye, skin, inhalation, and oral ingestion

Acute Health Hazards: Overexposure of the eye surface to ink may be mildly irritating.

Overexposure of ink contact with the skin may cause irritation and in some people, swelling and redness. Intentional inhalation to ink Vapors may result in respiratory tract irritation. Intentional or accidental oral ingestion may cause an upset stomach.

Chronic Health Hazards: No information available

Mutagenicity: No information available

Carcinogenicity: No information available

Acute Toxicity Data: Not available

Inhalation: Not available

Irritating: Irritating to eyes. (rabbit eyes, OECD Guideline 405)

Sensitization: Not available

Mutagenicity: Not available

The information shown in SECTION 3, Hazards identification, is based on toxicity profiles of similar materials or on the components present in this material.

SECTION 12 · ECOLOGICAL INFORMATION

Toxicity Aquatic toxicity: No further relevant information available.

Persistence and degradability: No further relevant information available.

Bio accumulative potential: No further relevant information available.

Mobility in soil: No further relevant information available.

Other adverse effects: No further relevant information available.

SECTION 13 · DISPOSAL CONSIDERATIONS

Waste treatment methods Product:

This combustible material may be burned in a chemical incinerator equipped with an afterburner and scrubber. Offer surplus and non-recyclable solutions to a licensed disposal company. Contact a licensed professional waste disposal service to dispose of this material. Contaminated packaging dispose of as unused product.

SECTION 14 · TRANSPORT INFORMATION

UN number: ADR/RID: - IMDG: - IATA: -

UN proper shipping name: ADR/RID: Not dangerous goods, IMDG: Not dangerous goods,
IATA: Not dangerous goods

Transport hazard classes: ADR/RID: - IMDG: - IATA: -

Packaging group: ADR/RID: - IMDG: - IATA: -

Environmental hazards: ADR/RID: no IMDG: Marine pollutant: no IATA: no

Special precautions for user: None

SECTION 15 · REGULATORY INFORMATION

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

EU Regulation (EC) No. 1907/2006 (REACH)

REACH Status: In compliance.

Pre-registration status: All components are listed or exempted.

Annex XIV - List of substances subject to authorization, Substances of very high concern,
None of the components are listed.

Annex XVII - Restrictions on the manufacture, placing on the market and use of certain dangerous
substances, mixtures and articles. Not applicable.

Chemical Safety Assessment No data available

US Regulation: California Proposition 65: Not regulated.

TSCA Section 4(a) Final Test Rules Regulated: Not regulated.

TSCA Section 8(a) Preliminary Assessment Information Rule (PAIR): Not
regulated.

TSCA Section 8(a) Inventory Update Rule: All components on TSCA INVENTORY

TSCA Section 8(d) Health and Safety Study Reporting: Not regulated.

TSCA Section 12(b) One-Time Export Notification Regulated: Not regulated.

SECTION 16 · OTHER INFORMATION

The data in this Material Safety Data Sheet relates only to the specific material designated herein
and does not relate to use in combination with any other material or in any process.

This information is based upon technical information believed to be reliable. It is subject to revision
as additional knowledge and experience is gained.