

SAFETY DATA SHEET

Product name: CPS Fast Acting Haze Remover
Last revised date: 04.11.2002

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SDS-ID: GB/IRL/2.0

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

Product name: **CPS FAST ACTING HAZE REMOVER** Container size: 1, 5 and 25 Kg.
Supplier: CPS – Chemical Products and Services A/S Emergency +45 75 57 53 33
Hejreskovvej 22, DK-3490 Kvistgaard, Denmark telephone:
Tel: +45 49 13 81 10 Fax: +45 49 13 80 77
Application: Haze and stain remover for removal of ink stains
on screens.

2. COMPOSITION/INFORMATION ON INGREDIENTS

The product contains: water, potassium hydroxide, solvents and additives.

The following substances shall be indicated according to legislation:

<u>Chemical name:</u>	<u>%:</u>	<u>CAS-No.:</u>	<u>EC No.:</u>	<u>Hazard classification:</u>	<u>Notes:</u>
Potassium Hydroxide	20-30	1310-58-3	215-181-3	Xn; R22 C; R35	-
Tetrahydrofurfuryl	10-20	97-99-4	202-625-6	Xi; R36	-
Alcohol					

3. HAZARDS IDENTIFICATION

The product has been classified according to the legislation in force: C;R35 R22

Human health: Harmful if swallowed. Corrosive to skin and eyes. Spray mists irritate the respiratory system, and cause coughing and difficulties in breathing. Inhalation of mist may cause lung oedema. When heated, toxic vapours may be formed.

Environment: The product may affect the acidity (pH-factor) in water with risk of harmful effects to aquatic organisms.

4. FIRST-AID MEASURES

Inhalation: Move injured person into fresh air immediately. Call an ambulance. Be aware that lung oedema may occur several hours after exposure. Bring along these instructions.

Skin contact: Flush immediately with plenty of water and remove contaminated clothing. Call an ambulance. Continue flushing during transport to hospital. Bring along these instructions.

Eye contact: Immediately flush with plenty of water. Remove any contact lenses and open eyelids widely. Call an ambulance. Continue flushing during transport to hospital. Bring along these instructions.

Ingestion: Immediately rinse mouth and drink plenty of water. Call ambulance. Bring along these instructions. Do not induce vomiting.

5. FIRE-FIGHTING MEASURES

Extinguishing media: Use fire-extinguishing media appropriate for surrounding materials. Cool containers exposed to heat with water spray and remove container, if no risk is involved.

Specific hazards: By heating and fire, toxic and corrosive vapours may be formed.

Protective equipment for fire-fighters: Small quantities: Selection of respiratory protection for fire fighting: follow the general fire precautions indicated by the workplace.
Large spillages: Use air-supplied respirator during fire fighting. Severe corrosive hazard. Wear chemical protection suits.

6. ACCIDENTAL RELEASE MEASURES

Personal precautions: Avoid inhalation of vapours and contact with skin and eyes. Look out! The product is corrosive. For personal protection, see point 8.

Environmental precautions: Do not discharge into drains, water courses or onto the ground.

Methods for cleaning up: Flush away small spillages with plenty of water.
Large spillages: Dam and absorb spillage with sand, sawdust or other absorbent.
Flush contaminated area with plenty of water. For waste disposal, see point 13.

7. HANDLING AND STORAGE

Safe handling advice: Observe good industrial hygiene practices. Avoid inhalation of vapours and contact with skin and eyes. Immediately change drenched clothing.

Technical measures: Toxic vapours may be formed.

Technical precautions: Mechanical ventilation may be required. Provide easy access to water supply or an emergency shower. First-aid equipment, including eye wash bottle, must be available at the work site.

Technical measures for safe storage: No special precautions.

Storage conditions: Store in original container in a cool place, best between 4°C - 25°C.

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

Engineering measures: Provide adequate ventilation. Observe Occupational Exposure Limits and minimise the risk of inhalation of vapours. An eye wash bottle must be available at the work site. Provide easy access to water supply or an emergency shower.

<u>Chemical name:</u>	<u>Exposure limits:</u>	<u>Type:</u>	<u>Notes:</u>	<u>References:</u>
Potassium Hydroxide	2 mg/m ³	STEL/OES	-	EH 40/2000
Tetrahydrofurfuryl Alcohol	50 ppm	OES	-	EH 40/2000

Respiratory equipment: Risk of inhalation of spray mist: Use respiratory equipment with combination filter, type B+E/P3.

Hand protection: Wear protective gloves. PVC or rubber gloves are recommended. Other types of gloves can be recommended by the glove supplier.

Eye protection: Wear goggles/face shield.

Skin protection: Wear apron or protective clothing in case of splashes.

Hygiene measures: Change contaminated clothing.

Environmental Exposure Controls: No information available.

9. PHYSICAL AND CHEMICAL PROPERTIES

Physical state:	Thin paste	Odour:	Characteristic	pH:	>13
Flash point:	not relevant	Evaporation rate. (BuAc=100):	not relevant	Autoflammability:	not relevant
Relative density:	1.00	Vapour pressure:	not relevant	Explosive limits:	not relevant
Boiling point:	100°C	Solubility:	soluble in water	Kinematics viscosity at 40°C:	> 7 mm ² /s

10. STABILITY AND REACTIVITY

Stability: Stable under normal temperature conditions.

Conditions/materials to avoid: Do not mix with acids. Avoid exposure to high temperatures or direct sunlight. Do not mix with CPS Stencil Remover.

Hazardous decomposition products: By heating and fire, toxic and corrosive vapours may be formed.

11. TOXICOLOGICAL INFORMATION

Inhalation:	Spray mists are corrosive. In high concentrations: Inhalation of spray mists may cause serious shortness of breath and lung oedema.
Skin contact:	Corrosive. Prolonged contact causes serious tissue damage.
Eye contact:	Corrosive. Immediate first aid is necessary.
Ingestion:	Corrosive. Even small amounts may cause serious damage.
Specific effects:	None known.

12. ECOLOGICAL INFORMATION

Mobility:	The product is water soluble and may spread in water systems.
Degradability:	Not stated.
Ecotoxicity:	The product may affect the acidity (pH-factor) in water with risk of harmful effects to aquatic organisms.

13. DISPOSAL CONSIDERATIONS

Dispose of waste and residues according to agreement with local authorities. Waste is classified as special waste. Disposal to licensed waste disposal site in accordance with the local Waste Disposal Authority.

Waste from residues: EWC-code: 08 03 16
EWC-code: 08 03 14

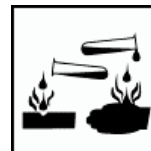
14. TRANSPORT INFORMATION

UN-no: 3266
Proper shipping name: CORROSIVE LIQUID, BASIC, INORGANIC, N.O.S.
(Potassium Hydroxide)

<u>Sea (IMDG):</u>		<u>Air (ICAO/IATA):</u>		<u>Land (RID/ADR):</u>	
Class:	8	Class:	8	Class:	8
PG:	II	PG:	II	PG:	II
MP:	No			Primary risk label	8
EmS:	8-15				
MFAG:	1				
Inland waterways:	To be handled locally.				

15. REGULATORY INFORMATION

Labelling:	Contains: Potassium Hydroxide
R22	Harmful if swallowed.
R35	Causes severe burns.
S26	In case of contact with eyes, rinse immediately with plenty of water and seek medical advice.
S37/39	Wear suitable gloves and eye/face protection.
S45	In case of accident or if you feel unwell, seek medical advice immediately (show the label where possible).
S60	This material and its container must be disposed of as hazardous waste.



Corrosive

As a main rule, persons under 18 years of age are not allowed to work with this product. Users must be carefully instructed in the proper work procedure, the dangerous properties of the product and the necessary safety instructions.

16. OTHER INFORMATION

The user must be instructed in the proper work procedure and be familiar with the contents of these instructions.

The following sections contain revisions or new statements: 2, 3, 5, 6, 7, 8, 10, 11, 12, 13, 15, 16.

Wording of Risk Phrases:

R22	Harmful if swallowed.
R35	Causes severe burns.
R36	Irritant to eyes.

The information on this data sheet represents our current data and is reliable provided that the product is used under the prescribed conditions and in accordance with the application specified on the packaging and/or in the technical guidance literature. Any other use of the product which involves using the product in combination with any other product or any other process is the responsibility of the user.