



## SAFETY DATA SHEET

### CPS STENCIL REMOVER CONCENTRATE 1:30

#### 1. IDENTIFICATION

Product Name	CPS STENCIL REMOVER CONCENTRATE 1:30
Identification No.	3264
Identified uses	Industrial use: Screen printing
Uses advised against	The product should not be used for any purpose, other than that described above.
Supplier	MacDermid Autotype Inc. 1675 Winnetka Circle Rolling Meadows IL 60008 USA T: 001 847 818 8262 F: 001 847 818 8280 e: technical@cps.eu
Manufacturer	CPS - Chemical Products and Services, Grove Road, Wantage, Oxfordshire, OX12 7BZ UNITED KINGDOM T: +44 (0) 1235 773240 F: +44 (0) 1235 771196 e: technical@cps.eu
Emergency Telephone	800-424-9300 (Chemtrec, 24 hours)

#### 2. HAZARD(S) IDENTIFICATION

##### EMERGENCY OVERVIEW

This Product is Hazardous under the OSHA Hazard Communication Standard. This product is hazardous under the Workplace Hazardous Materials Information System (WHMIS)

GHS Pictogram



Signal Word	Danger	
Hazard Statements	H314	Causes severe skin burns and eye damage.
	H372	Causes damage to organs Glands through prolonged or repeated exposure.
Precautionary Statements	P280	Wear eye 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.
	P310	Immediately call a POISON CENTER or doctor/physician.
	P314	Get medical advice/attention if you feel unwell.
	P501	Dispose of contents/container in accordance with local regulations.
GHS Classification	Physical and Chemical Hazards	Not classified.
	Human health	Skin Corr. 1B - H314; STOT RE 1 - H372
	Environment	Not classified.

#### 3. COMPOSITION/INFORMATION ON INGREDIENTS

**CPS STENCIL REMOVER CONCENTRATE 1:30**

SODIUM PERIODATE		10-30%
CAS No.: 7790-28-5	EC No.: 232-197-6	
GHS Classification Ox. Liq. 1 - H271; Skin Corr. 1B - H314; STOT RE 1 - H372; Aquatic Acute 1 - H400		
NITRIC ACID ...%		1-5%
CAS No.: 7697-37-2	EC No.: 231-714-2	
GHS Classification Ox. Liq. 3 - H272; Skin Corr. 1A - H314		

**4. FIRST-AID MEASURES****Description of first aid measures****Inhalation**

Unlikely route of exposure as the product does not contain volatile substances. In case of inhalation of spray mist: Move person into fresh air and keep at rest. Get medical attention.

**Ingestion**

Immediately rinse mouth and drink plenty of water or milk. Keep person under observation. Do not induce vomiting. If vomiting occurs, keep head low. Transport immediately to hospital and bring along these instructions.

**Skin Contact**

Flush immediately with plenty of water and remove contaminated clothing. Call an ambulance, continue to rinse during transportation to hospital and bring these instructions.

**Eye Contact**

Immediately flush with plenty of water. Remove any contact lenses and open eyes wide apart. Call an ambulance and continue flushing during transportation to hospital taking along these instructions.

**Most important symptoms and effects, both acute and delayed****Inhalation**

Severe irritation in nose and throat.

**Ingestion**

May cause chemical burns in mouth and throat.

**Skin Contact**

May cause serious chemical burns to the skin.

**Eye Contact**

May cause blurred vision and serious eye damage.

**Indication of any immediate medical attention and special treatment needed****Notes To The Physician**

No specific first aid measures noted.

**5. FIRE-FIGHTING MEASURES****Extinguishing Media**

Extinguish with foam, carbon dioxide, dry powder or water fog.

**Unsuitable extinguishing media**

None known.

**Hazardous combustion products**

Nitrous gases (NO<sub>x</sub>). Oxygen. Sulfurous gases (SO<sub>x</sub>).

**Protective Equipment For Fire-Fighters**

Self contained breathing apparatus and full protective clothing must be worn in case of fire. Severe corrosive hazard. Wear chemical protection suits.

**6. ACCIDENTAL RELEASE MEASURES**

## CPS STENCIL REMOVER CONCENTRATE 1:30

### Personal Precautions

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

### Environmental Precautions

Do not discharge onto the ground or into water courses.

### Spill Clean Up Methods

Stop leak if possible without risk. DO NOT touch spilled material! Collect spillage with granulates, sawdust, rags or other absorbent. Flush with plenty of water to clean spillage area.

## 7. HANDLING AND STORAGE

### Handling

Avoid spilling, skin and eye contact. Do not eat, drink or smoke when using the product. Promptly remove any clothing that becomes wet. Wash promptly if skin becomes wet.

### Storage

Store in tightly closed original container in a dry and cool place.

## 8. EXPOSURE CONTROLS/PERSONAL PROTECTION

COMPONENT	STD	TWA (8-hrs)		STEL (15 min)		Notes
NITRIC ACID ...%	ACGIH	2 ppm		4 ppm		
NITRIC ACID ...%	PEL	2 ppm	5 mg/m3	-	-	
SODIUM PERIODATE	WEL		10 mg/m3 total dust		4 mg/m3 resp.dust	
COMPONENT						IDLH
NITRIC ACID ...%						25 ppm

ACGIH=American Conference of Governmental Industrial Hygienists.

WEL = Workplace Exposure Limit.

### Process Conditions

Provide eyewash, quick drench.

### Engineering Measures

Provide adequate ventilation. Observe Occupational Exposure Limits and minimize the risk of inhalation of spray.

### Respiratory Equipment

No specific recommendation made, but respiratory protection may still be required under exceptional circumstances when excessive air contamination exists.

### Hand Protection

Wear protective gloves. Butyl rubber gloves are recommended. Neoprene gloves are recommended. Nitrile gloves are recommended.

### Eye Protection

Wear tight-fitting goggles or face shield.

### Other Protection

Wear appropriate clothing to prevent any possibility of skin contact.

## 9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance	Liquid
Color	Colourless.
Odor	Odorless.
Solubility	Miscible with water
Initial boiling point and boiling range	212 °F (100 °C)
Relative density	1.10 @ 68 °F (20 °C)
pH-Value, Conc. Solution	1 - 2
Volatile Organic Compound (VOC)	ASTM D2369: 0 g/litre

## 10. STABILITY AND REACTIVITY

### Reactivity

Reacts violently with strong alkaline substances.

### Stability

Stable under normal temperature conditions and recommended use.

None known.

**CPS STENCIL REMOVER CONCENTRATE 1:30****Conditions To Avoid**

Avoid excessive heat for prolonged periods of time.

**Materials To Avoid**

Strong alkalis. Strong reducing agents.

**Hazardous Decomposition Products**

None at ambient temperatures.

**11. TOXICOLOGICAL INFORMATION****Toxicological information**

No information available.

**12. ECOLOGICAL INFORMATION****Toxicity**

Substantial amounts of the product may lead to a local change in acidity in small water systems which may have adverse effects on aquatic organisms.

**Degradability**

The product solely consists of inorganic compounds which are not biodegradable.

**Bioaccumulative potential**

The product does not contain any substances expected to be bio-accumulating.

**Mobility:**

The product is miscible with water. May spread in water systems.

**13. DISPOSAL CONSIDERATIONS****Disposal Methods**

Residues and empty containers should be taken care of as hazardous waste according to local and national provisions. Contact specialist disposal companies. Small quantities in an industrial wastewater stream are easily treated in biological treatment systems.

**Waste Class**

This product should be considered a hazardous waste under RCRA (corrosive waste, D002).

**14. TRANSPORT INFORMATION**

UN No. (DOT/TDG)	3264
UN No. (IMDG)	3264
UN No. (ICAO)	3264
DOT Proper Shipping Name	CORROSIVE LIQUID, ACIDIC, INORGANIC, N.O.S. (SODIUM PERIODATE, NITRIC ACID ...%)
TDG Proper Shipping Name	CORROSIVE LIQUID, ACIDIC, INORGANIC, N.O.S. (SODIUM PERIODATE, NITRIC ACID ...%)
DOT Hazard Class	
8	
DOT Hazard Label	
Corrosive	
TDG Class	8
TDG Label(s)	8
IMDG Class	8
ICAO Class	8
Transport Labels	



DOT Pack Group	III
IMDG Pack Group	III
Air Pack Group	III

**CPS STENCIL REMOVER CONCENTRATE 1:30**

Environmentally Hazardous Substance/Marine Pollutant

No.

EMS

F-A, S-B

**15. REGULATORY INFORMATION****US Federal Regulations****Federal Regulations Comments**

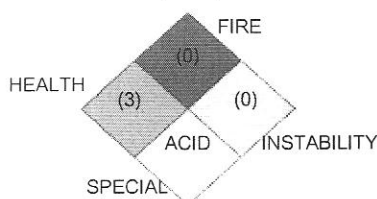
SECTION 313: This product contains toxic chemical subject to the reporting requirements of Section 313 of Title III of the Superfund Amendment and Reauthorization Act of 1986 and 40 CFR Part 372. Nitric Acid. TSCA: The ingredients of this product are on the TSCA Inventory.

**US State Regulations****State Regulations Comments**

State and local regulations may apply.

**16. OTHER INFORMATION****HAZARDOUS MATERIAL INFORMATION SYSTEM (HMIS)**

HEALTH		3
FLAMMABILITY		0
PHYSICAL		0
PERSONAL PROTECTION		C

**NATIONAL FIRE PROTECTION ASSOCIATION (NFPA)****Revision Comments**

NOTE: Lines within the margin indicate significant changes from the previous revision.

Revision Date 03/16/2016

Revision 6

**Disclaimer**

This information relates only to the specific material designated and may not be valid for such material used in combination with any other materials or in any process. Such information is, to the best of the company's knowledge and belief, accurate and reliable as of the date indicated. However, no warranty guarantee or representation is made to its accuracy, reliability or completeness. It is the user's responsibility to satisfy himself as to the suitability of such information for his own particular use.

