

Revision Date 02/05/2015

Revision 6



SAFETY DATA SHEET

CPS DEGREASER CONCENTRATE 1:10/15

1. IDENTIFICATION

Product Name	CPS DEGREASER CONCENTRATE 1:10/15
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	Warning
Hazard Statements	H319 Causes serious eye irritation.
Precautionary Statements	P280 Wear eye protection.
GHS Classification	Physical and Chemical Hazards Not classified. Human health Eye Irrit. 2 - H319 Environment Not classified.

3. COMPOSITION/INFORMATION ON INGREDIENTS

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2-(2-BUTOXYETHOXY)ETHANOL		5-10%
CAS No.: 112-34-5	EC No.: 203-961-6	
GHS Classification Eye Irrit. 2 - H319		
SODIUM CUMENE SULPHONATE		1-5%
CAS No.: 32073-22-6	EC No.:	
GHS Classification Not classified.		
TETRASODIUM ETHYLENEDIAMINETETRAACETATE		1-5%
CAS No.: 64-02-8	EC No.: 200-573-9	
GHS Classification Not classified.		

4. FIRST-AID MEASURES

Description of first aid measures**Inhalation**

Unlikely route of exposure as the product does not contain volatile substances.

Ingestion

Immediately rinse mouth and drink plenty of water (200-300 ml). Give milk instead of water if readily available. Do not induce vomiting. If vomiting occurs, the head should be kept low so that stomach vomit doesn't enter the lungs. Get medical attention if any discomfort continues.

Skin Contact

Remove contaminated clothing. Wash the skin immediately with soap and water. Get medical attention if irritation persists after washing.

Eye Contact

Promptly wash eyes with plenty of water while lifting the eye lids. Make sure to remove any contact lenses from the eyes before rinsing. Continue to rinse for at least 15 minutes. Get medical attention promptly if symptoms occur after washing.

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

No specific symptoms noted.

Ingestion

May cause stomach pain or vomiting.

Skin Contact

No specific symptoms noted.

Eye Contact

Irritating and may cause redness and pain.

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

No specific first aid measures noted.

5. FIRE-FIGHTING MEASURES

Auto Ignition Temperature (°C)

Not available.

Flammability Limit - Lower(%)

Not available.

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Flammability Limit - Upper(%)

Not available.

Flash point (°C)

Not available.

Extinguishing Media

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

Unsuitable extinguishing media

None known.

Hazardous combustion products

Fire creates: Carbon monoxide (CO). Carbon dioxide (CO₂). Nitrous gases (NO_x).

Protective Equipment For Fire-Fighters

Self contained breathing apparatus and full protective clothing must be worn in case of fire.

6. ACCIDENTAL RELEASE MEASURES

Personal Precautions

Avoid inhalation of spray mist and contact with skin and eyes. Wear protective clothing as described in Section 8 of this material safety data sheet. In case of spills, beware of slippery floors and surfaces.

Environmental Precautions

Avoid discharge into water courses or onto the ground.

Spill Clean Up Methods

Stop leak if possible without risk. Collect spillage with granulates, sawdust, rags or other absorbent.

7. HANDLING AND STORAGE

Handling

Avoid contact with skin and eyes. 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
2-(2-BUTOXYETHOXY)ETHANOL	WEL	10 ppm	67.5 mg/m ³	15 ppm	101.2 mg/m ³	
SODIUM HYDROXIDE			2 mg/m ³			C
SODIUM HYDROXIDE	PEL	-	2 mg/m ³	-	-	

COMPONENT	IDLH
SODIUM HYDROXIDE	10 mg/m ³

WEL = Workplace Exposure Limit.

Ceiling limit

Engineering Measures

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

Respiratory Equipment

Respiratory protection not required.

Hand Protection

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

Eye Protection

Wear approved, tight fitting safety glasses where splashing is probable.

Other Protection

Wear suitable protective clothing as protection against splashing or contamination.

9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance	Liquid
Color	Blue.
Odor	Slight odor.

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Solubility	Miscible with water
Initial boiling point and boiling range	
Not available.	
Melting point (°C)	
Not applicable.	
Relative density	1.01 g/ml @ 20 °C (68 °F)
Vapor density (air=1)	
Not applicable.	
Vapor pressure	
Not available.	
Evaporation rate	
Not available.	
pH-Value, Conc. Solution	9-10
Viscosity	
Not available.	
Decomposition temperature (°C)	
Not available.	
Flash point	
Not available.	
Auto Ignition Temperature (°C)	
Not available.	
Flammability Limit - Lower(%)	
Not available.	
Flammability Limit - Upper(%)	
Not available.	
Oxidising properties	
Does not meet the criteria for oxidising.	
Volatile Organic Compound (VOC)	1999/13/EC: 0, ASTM D2369: 60 g/litre

10. STABILITY AND REACTIVITY**Reactivity**

There are no known reactivity hazards associated with this product.

Stability

Stable under normal temperature conditions and recommended use.

None known.

Conditions To Avoid

There are no known conditions that are likely to result in a hazardous situation.

Materials To Avoid

Strong acids. Strong alkalis.

Hazardous Decomposition Products

None at ambient temperatures.

11. TOXICOLOGICAL INFORMATION**Toxicological information**

No data recorded.

12. ECOLOGICAL INFORMATION**Toxicity**

The product is not expected to be hazardous to the environment.

Degradability

The product is expected to be biodegradable.

Bioaccumulative potential

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

Mobility:

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

Other adverse effects

None known.

13. DISPOSAL CONSIDERATIONS

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Disposal Methods

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

Waste Class

Not classified as hazardous waste under the Resource Conservation and Recovery Act (RCRA) 40 CFR 261

14. TRANSPORT INFORMATION

General

The product is not covered by international regulation on the transport of dangerous goods (IMDG, IATA, DOT).

Transport Labels

No transport warning sign required.

Environmentally Hazardous Substance/Marine Pollutant

No.

15. REGULATORY INFORMATION

US Federal Regulations

Federal Regulations Comments

SECTION 313: This product does not contain 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. TSCA: The ingredients of this product are on the TSCA Inventory.

US State Regulations

State Regulations Comments

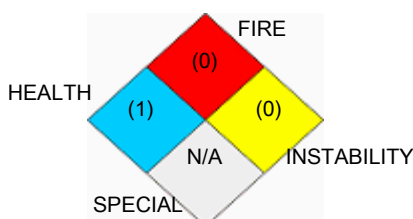
State and local regulations may apply.

16. OTHER INFORMATION

HAZARDOUS MATERIAL INFORMATION SYSTEM (HMIS)

HEALTH	1
FLAMMABILITY	0
PHYSICAL	0
PERSONAL PROTECTION	B

NATIONAL FIRE PROTECTION ASSOCIATION (NFPA)



Revision Comments

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

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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.