Revision Date 01 Sept 2013

Revision 8

SAFETY DATA SHEET
CPS SCREEN WASH V3

1. IDENTIFICATION

Product Name CPS SCREEN WASH V3

Identification No. 1993

Identified uses Ink cleaner for printing inks.

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

OSHA Defined Hazards

PHYSICAL RISKS.
Combustible Liquid.
INGESTION.
Harmful if swallowed.
Droplets of the product aspirated into the lungs through ingestion or vomiting may cause a serious chemical pneumonia.

WORKPLACE HAZARDOUS MATERIALS INFORMATION SYSTEM - WHMIS

WHMIS Label

Combustible Liquid.

Controlled Product Classification

WORKPLACE HAZARDOUS MATERIALS INFORMATION SYSTEM (CPR SECTION (33)) This product has been classified according to the hazard criteria of the Controlled Product Regulations, and the MSDS contains all required information.

3. COMPOSITION/INFORMATION ON INGREDIENTS

2-METHOXY-1-METHYLETHYL ACETATE	**30-60%**
CAS No.: 108-65-6 **EC No.: 203-603-9**	
GHS Classification Flam. Liq. 3 - H226	

(2-METHOXYMETHYLETHOXY)PROPANOL	30-60%
CAS No.: 34590-94-8	EC No.: 252-104-2
GHS Classification Not classified.	

DISTILLATES (PETROLEUM), HYDROTREATED LIGHT	10-30%
CAS No.: 64742-47-8	EC No.: 265-149-8
GHS Classification Asp. Tox. 1 - H304	

PROPYLENE CARBONATE	1-5%
CAS No.: 108-32-7	EC No.: 203-572-1
GHS Classification Eye Irrit. 2 - H319	

NONIONIC SURFACTANT	1-5%
CAS No.: Proprietary	EC No.: Proprietary
GHS Classification Eye Dam. 1 - H318; Aquatic Acute 1 - H400	

4. FIRST-AID MEASURES

Description of first aid measures

Inhalation

Move the exposed person to fresh air at once. Get medical attention.

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.

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 if any discomfort continues.

Most important symptoms and effects, both acute and delayed

Inhalation

High concentrations of vapors may irritate respiratory system and lead to headache, fatigue, nausea and vomiting.

Ingestion

May cause stomach pain or vomiting.

Skin Contact

Prolonged skin contact may cause redness and irritation.

Eye Contact

May cause temporary eye irritation.

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) 390 °F (199 °C)

Flammability Limit - Lower(%) 0.6 %

Flammability Limit - Upper(%) 21.0 %

Flash point (°C) 135 °F (57 °C) Sh CC (Setaflash closed cup).

Extinguishing Media

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

Unsuitable extinguishing media

Do not use water jet as an extinguisher, as this will spread the fire.

Hazardous combustion products

Fire creates: Carbon monoxide (CO). Carbon dioxide (CO2).

Unusual Fire & Explosion Hazards

Heating will generate vapors which may form explosive vapor/air mixtures. Vapors are heavier than air and may spread near ground to sources of ignition. May travel considerable distance to source of ignition and flash back.

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

Do not smoke, use open fire or other sources of ignition. Avoid inhalation of vapors and aerosol spray. Avoid 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. Keep combustibles away from spilled material. Absorb spillage with oil-absorbing material. Do not use sawdust or other combustible material.

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. Use appropriate skin cream to prevent drying of skin. Keep away from heat, sparks and open flame. Static electricity and formation of sparks must be prevented. Protect electric equipment against sparking in case of risk of explosion. Contaminated rags and cloths must be put in fireproof containers for disposal.

Storage

Store in tightly closed original container in a dry and cool place. Keep away from heat, sparks and open flame. Store away from: Oxidizing material.

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

COMPONENT	STD	TWA (8-hrs)		STEL (15 min)		Notes
(2-METHOXYMETHYLETHOXY)PROPANOL	PEL	100 ppm	-	-	-	
(2-METHOXYMETHYLETHOXY)PROPANOL	ACGIH	100 ppm	-	150 ppm	-	
2-METHOXY-1-METHYLETHYL ACETATE	WEL	100 ppm	-	50 ppm	-	
DISTILLATES (PETROLEUM), HYDROTREATED LIGHT	WEL	-	1000 mg/m3	-	-	

WEL = Workplace Exposure Limit.
ACGIH=American Conference of Governmental Industrial Hygienists.

Engineering Measures

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

Respiratory Equipment

If ventilation is insufficient, suitable respiratory protection must be provided. Use respiratory equipment with gas filter, type A2.

Hand Protection

Use protective gloves. Butyl rubber gloves are recommended. Neoprene gloves are recommended. Nitrile gloves are recommended. Be aware that the liquid may penetrate the gloves. Frequent change is advisable.

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	Colourless.
Odor	Solvent.
Solubility	Forms an emulsion with water.
Initial boiling point and boiling range	284 - 473 °F (140 - 245 °C)
Relative density	0.95 g/ml @ 68 °F (20 °C)
Vapor density (air=1)	> 1
Vapor pressure	0.13 kPa @ 20 °F (20 °C)
Evaporation rate	1 (BuAc = 100)
Flash point	135 °F (57 °C) Sh CC (Setaflash closed cup).
Auto Ignition Temperature (°C)	390 °F (199 °C)
Flammability Limit - Lower(%)	0.6 %
Flammability Limit - Upper(%)	21.0 %
Volatile Organic Compound (VOC)	ASTM D2369: 870 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.

Conditions To Avoid

Avoid heat, flames and other sources of ignition.

Materials To Avoid

Strong acids. Strong alkalis. Strong oxidizing substances.

11. TOXICOLOGICAL INFORMATION

Toxicological information

No information available.

12. ECOLOGICAL INFORMATION

Degradability

The product is expected to be 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

Waste Management

Waste to be treated as hazardous waste. Rags and the like, moistened with flammable liquids, must be discarded into designated fireproof bucket. Dispose in accordance with federal, state and local environmental regulations.

Disposal Methods

Contact specialist disposal companies. Recover and reclaim or recycle, if practical. Liquid components can be disposed of by incineration. Empty containers must not be burned because of explosion hazard. 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 (ignitable waste, D001).

14. TRANSPORT INFORMATION

UN No. (DOT/TDG)	1993
UN No. (IMDG)	1993
UN No. (ICAO)	1993
DOT Proper Shipping Name	FLAMMABLE LIQUID, N.O.S. (2-METHOXY-1-METHYLETHYL ACETATE)
TDG Proper Shipping Name	FLAMMABLE LIQUID, N.O.S. (2-METHOXY-1-METHYLETHYL ACETATE)

DOT Hazard Class

3

DOT Hazard Label

Flammable Liquid

TDG Class	3
TDG Label(s)	3
IMDG Class	3
ICAO Class	3

Transport Labels

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

Environmentally Hazardous Substance/Marine Pollutant

No.

EMS	F-E, S-E

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

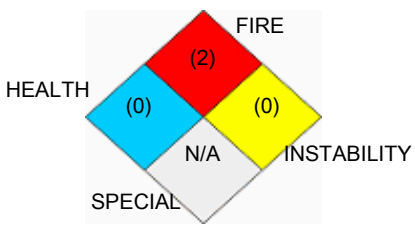
State and local regulations may apply.

16. OTHER INFORMATION

HAZARDOUS MATERIAL INFORMATION SYSTEM (HMIS)

HEALTH	2
FLAMMABILITY	2
PHYSICAL	0
PERSONAL PROTECTION	B

NATIONAL FIRE PROTECTION ASSOCIATION (NFPA)



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