

MATERIAL SAFETY DATA SHEET

Product name: CPS Degreaser Conc. 1:55 Page: 1/4
Last revised date: 2004-01-14 Print date: 2004-01-14
SDS-ID: US-D/1.0

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

Product name: CPS Degreaser Conc. 1:55
Application: To degrease the screen mesh before placing the stencil. To be diluted with water before use. Container size: 1, 5, 25, 210 l
Supplier: Autotype Americas, Inc. 2050 Hammond Drive Schaumburg, IL 60173-3810 Emergency phone no.: 1-800-424-9300
Tel: 1-847-303-5900

2. COMPOSITION/INFORMATION ON INGREDIENTS

The product contains: organic solvent, phosphates, surfactants and water.

This product is covered by the OSHA Hazard Communication Rule 29, CFR 1910.1200

The following substances shall be indicated according to legislation:

2-(2-butoxyethoxy)ethanol, CAS-No. 112-34-5: 9.5%

3. HAZARDS IDENTIFICATION

Human health: May cause minor irritation on skin contact. The product contains small amounts of organic solvents. Organic solvents may be absorbed into the body by inhalation and ingestion and cause permanent damage to the nervous system, including the brain.
This product contains no ingredient listed on the NTP, OSHA or IARC carcinogen lists.

4. FIRST-AID MEASURES

Inhalation: Move into fresh air and keep at rest.
Skin contact: Remove contaminated clothes and rinse skin thoroughly with water.
Eye contact: Immediately flush with plenty of water for up to 15 minutes. Remove any contact lenses and open eyelids widely. If irritation persists: Seek medical attention and bring along these instructions.
Ingestion: Immediately rinse mouth and drink plenty of water. Keep person under observation. If uncomfortable: Seek hospital and bring along these instructions.

5. FIRE-FIGHTING MEASURES

Extinguishing media: Use fire-extinguishing media appropriate for surrounding materials. Follow the general fire precautions indicated by the workplace.
Specific hazards: No specific precautions.
Protective equipment for fire-fighters: Selection of respiratory protection for fire fighting: follow the general fire precautions indicated by the workplace.

MATERIAL SAFETY DATA SHEET

Product name: CPS Degreaser Conc. 1:55 Page: 2/4
Last revised date: 2004-01-14 Print date: 2004.01.14
SDS-ID: US-D/1.0

6. ACCIDENTAL RELEASE MEASURES

Personal precautions: Follow precautions for safe handling described in this safety data sheet. For personal protection, see point 8.

Environmental precautions: Avoid discharge into water courses or onto the ground.

Methods for cleaning up: Flush away small spillages with plenty of water.
Large spillages: Absorb spillage with absorbing material.
For waste disposal, see point 13.

7. HANDLING AND STORAGE

Safe handling advice: Observe good industrial hygiene practices.

Technical measures: Keep the workplace clean.

Technical precautions: Not relevant.

Technical measures for safe storage: No special precautions.

Storage conditions: Store in tightly closed original container. Keep at temperatures between 40°F and 85°F.

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

Engineering measures: Provide adequate ventilation.

Personal protection: Risk of splashes: Protective gloves and goggles are recommended.

Environmental exposure controls: No information available.

9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance: blue liquid
Odour: slight odour
pH: 9-10
Boiling point: 212 °F
Flash point: not relevant
Explosive properties: not relevant
Vapour pressure: not relevant
Relative density: 1.015
Solubility: complete in water
Other data: kinematic viscosity at 104°F: <7 mm²/s
VOC (Volatile Organic Substances, ASTM D2369-01): 5 g/l

MATERIAL SAFETY DATA SHEET

Product name: CPS Degreaser Conc. 1:55 Page: 3/4
Last revised date: 2004-01-14 Print date: 2004.01.14
SDS-ID: US-D/1.0

10. STABILITY AND REACTIVITY

Stability: Stable under normal temperature conditions.

Conditions/
materials to avoid: None specific.

Hazardous
decomposition products: None under normal conditions.

11. TOXICOLOGICAL INFORMATION

Inhalation: Not relevant at normal room temperatures.

Skin contact: Prolonged contact may cause redness and irritation.
LD50 (skin, rabbit): 2700 mg/kg (RTECS) for 2-(2-butoxyethoxy)ethanol.

Eye contact: May cause temporary eye irritation.

Ingestion: May irritate and cause malaise.
LD50 (oral, rat): 5660 mg/kg (RTECS) for 2-(2-butoxyethoxy)ethanol.

Specific effects: Substance concerned: organic solvent:
Frequent inhalation of even small concentrations may cause irritability, fatigue and memory failure and eventually permanent damage to the nervous system, including the brain.
This product contains no ingredient listed on the NTP, OSHA or IARC carcinogen lists.

12. ECOLOGICAL INFORMATION

Mobility: The product is water soluble and may spread in water systems.

Degradability: The product is biodegradable, but it must not be discharged into drains without permission from the authorities.

Ecotoxicity: There are no data on the ecotoxicity of this product.

Bioaccumulative
potential: No data available on bioaccumulation.

Other adverse effects: None known.

13. DISPOSAL CONSIDERATIONS

Dispose of waste and residues according to agreement with local authorities.

14. TRANSPORT INFORMATION

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

MATERIAL SAFETY DATA SHEET

Product name: CPS Degreaser Conc. 1:55 Page: 4/ 4
Last revised date: 2004-01-14 Print date: 2004.01.14
SDS-ID: US-D/1.0

15. REGULATORY INFORMATION

All chemicals included in the product are TSCA listed.

2-(2-butoxyethoxy)ethanol, CAS-No. 112-34-5:
SARA Section 313: Form R reporting required for 1.0% de minimis concentration.
CERCLA: RQ = 100 pounds (45.4 kg).

NFPA Rating: Health:0 Fire:1 Reactivity:0 Other:-

Specific provisions: National specific regulation may apply.

National regulation: The following lists have been checked:

Threshold Limit Values (2003), ACGIH, by the American Conference on Governmental Industrial Hygienists.

The Code of Federal Regulation, Title 29, part 1910. Occupational Safety and Health Standards, Air contaminants.

U.S. Department of health and human services: 2002 - Report on Carcinogens - 10th Ed.

International Agency for Research on Cancer (IARC): IARC Monographs on the Evaluation of Carcinogenic Risks to Humans. Lyon: IARC, World Health Organization, 1972-2000.

The Code of Federal Regulation, Title 40, part 261.33. Identification and listing of hazardous waste.

The Code of Federal Regulation. Title 40, part 355.50. Emergency Planning and Notification

The Code of Federal Regulation. Title 40, part 302.4. Designation, Reportable Quantities, and Notification.

The Code of Federal Regulation. Title 40, part 68.130. Chemical Accident Prevention Provisions.

The Code of Federal Regulation. Title 40, part 372.65. Toxic Chemical Release Reporting:

Community Right to Know.

16. OTHER INFORMATION

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

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.

Made by DANISH TOXICOLOGY CENTRE, Kogle Allé 2, DK-2970 Hørsholm, Denmark. Telephone +45 45 76 20 55 Telefax +45 45 76 24 55