



## SAFETY DATA SHEET

### CDI - STENCIL, SQUEEGEE and MISPRINT CLEANER, BULK

According to the Occupational Safety and Health (Classification, Labelling and Safety Data Sheet of Hazardous Chemicals) Regulations 2013.

#### SECTION 1: identification of the hazardous chemical and of the supplier

##### Product identifier

**Product name** CDI - STENCIL, SQUEEGEE and MISPRINT CLEANER, BULK  
**Product number** MCC-CDIG, MCC-CDIP, MCC-CDID, MCC-CDIGG, MCC-CDIGL, MCC-CDIL

##### Recommended use of the substance or mixture and restrictions on use

**Uses advised against** No specific uses advised against are identified.

##### Details of the supplier of the safety data sheet

**Supplier** MICROCARE ASIA PTE LTD  
 102E, Pasir Panjang Road,  
 Citilink, #05-06,  
 Singapore 118529  
 Phone (65)6271.0182  
 techsupport@microcare.sg

**Manufacturer** MICROCARE LLC  
 595 John Downey Drive  
 New Britain, CT 06051  
 United States of America  
 CAGE: OATV9  
 Tel: +1 800-638-0125, +1 860-827-0626  
 techsupport@microcare.com

##### Emergency telephone number

**Emergency telephone** INFOTRAC +65 3163 5349 (SINGAPORE)  
 1-352-323-3500 (from anywhere in the world)

#### SECTION 2: Hazard identification

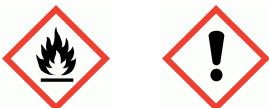
##### Classification of the substance or mixture

##### Classification

**Physical hazards** Flam. Liq. 3 - H226  
**Health hazards** Skin Irrit. 2 - H315 Eye Irrit. 2 - H319  
**Environmental hazards** Not Classified

##### Label elements

##### Pictogram



**Signal word** Warning

## CDI - STENCIL, SQUEEGEE and MISPRINT CLEANER, BULK

<b>Hazard statements</b>	H226 Flammable liquid and vapour. H315 Causes skin irritation. H319 Causes serious eye irritation.
<b>Precautionary statements</b>	P210 Keep away from heat/ sparks/ open flames /hot surfaces – No smoking. P233 Keep container tightly closed. P240 Ground/ bond container and receiving equipment. P241 Use explosion-proof electrical equipment. P242 Use only non-sparking tools. P243 Take precautionary measures against static discharge. P280 Wear protective gloves/ protective clothing/ eye protection/ face protection. P302+P352 IF ON SKIN: Wash with plenty of water. P332+P313 If skin irritation occurs: Get medical advice/ attention. P370+P378 In case of fire: Use foam, carbon dioxide, dry powder or water fog to extinguish. P403+P235 Store in a well-ventilated place. Keep cool. P501 Dispose of contents/ container in accordance with national regulations.
<b>Supplementary precautionary statements</b>	P264 Wash contaminated skin thoroughly after handling. P303+P361+P353 IF ON SKIN (or hair): Remove/ take off immediately all contaminated clothing. Rinse skin with water/ shower. P321 Specific treatment (see medical advice on this label). P362+P364 Take off contaminated clothing and wash before reuse.

### Other hazards

This product does not contain any substances classified as PBT or vPvB (persistent, bioaccumulative and toxic, or very persistent and very bioaccumulative).

### SECTION 3: Composition and information of the ingredients of the hazardous chemical

#### Mixtures

<b>1-propoxypropan-2-ol</b>	<b>60-100%</b>
CAS number: 1569-01-3	
<b>Classification</b> Flam. Liq. 3 - H226 Skin Irrit. 2 - H315 Eye Irrit. 2 - H319	
<b>Ethyl acetate</b>	<b>1-5%</b>
CAS number: 141-78-6	
<b>Classification</b> Flam. Liq. 2 - H225 Eye Irrit. 2 - H319 STOT SE 3 - H336	
<b>PROPAN-2-OL</b>	<b>1-5%</b>
CAS number: 67-63-0	
<b>Classification</b> Flam. Liq. 2 - H225 Eye Irrit. 2 - H319 STOT SE 3 - H336	

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The full text for all hazard statements is displayed in Section 16.

### Composition

#### SECTION 4: First-aid measures

##### Description of first aid measures

<b>General information</b>	Get medical attention if any discomfort continues. Show this Safety Data Sheet to the medical personnel.
<b>Inhalation</b>	Move affected person to fresh air and keep warm and at rest in a position comfortable for breathing. Loosen tight clothing such as collar, tie or belt. Get medical attention if symptoms are severe or persist.
<b>Ingestion</b>	Rinse mouth thoroughly with water. Get medical advice/attention if you feel unwell. Do not induce vomiting unless under the direction of medical personnel.
<b>Skin contact</b>	Rinse with water.
<b>Eye contact</b>	Rinse with water. Do not rub eye. Remove any contact lenses and open eyelids wide apart. Get medical attention if any discomfort continues.
<b>Protection of first aiders</b>	First aid personnel should wear appropriate protective equipment during any rescue.

##### Most important symptoms and effects, both acute and delayed

<b>General information</b>	The severity of the symptoms described will vary dependent on the concentration and the length of exposure.
<b>Inhalation</b>	No specific symptoms known.
<b>Ingestion</b>	May cause irritation.
<b>Skin contact</b>	Redness. Irritating to skin.
<b>Eye contact</b>	Irritating to eyes.

##### Indication of any immediate medical attention and special treatment needed

<b>Notes for the doctor</b>	Treat symptomatically.
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#### SECTION 5: Fire-fighting measures

##### Extinguishing media

<b>Suitable extinguishing media</b>	The product is flammable. Extinguish with alcohol-resistant foam, carbon dioxide, dry powder or water fog. Use fire-extinguishing media suitable for the surrounding fire.
<b>Unsuitable extinguishing media</b>	Do not use water jet as an extinguisher, as this will spread the fire.

##### Special hazards arising from the substance or mixture

<b>Specific hazards</b>	Containers can burst violently or explode when heated, due to excessive pressure build-up. Flammable liquid and vapour. Vapours may be ignited by a spark, a hot surface or an ember. Vapours may form explosive mixtures with air. Fire-water run-off in sewers may create fire or explosion hazard.
<b>Hazardous combustion products</b>	Thermal decomposition or combustion products may include the following substances: Harmful gases or vapours.

##### Advice for fire-fighters

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<b>Protective actions during firefighting</b>	Avoid breathing fire gases or vapours. Evacuate area. Cool containers exposed to heat with water spray and remove them from the fire area if it can be done without risk. Cool containers exposed to flames with water until well after the fire is out. If a leak or spill has not ignited, use water spray to disperse vapours and protect men stopping the leak. Control run-off water by containing and keeping it out of sewers and watercourses. If risk of water pollution occurs, notify appropriate authorities.
<b>Special protective equipment for firefighters</b>	Wear positive-pressure self-contained breathing apparatus (SCBA) and appropriate protective clothing. Fire-fighter's clothing will provide a basic level of protection for chemical incidents.

### SECTION 6: Accidental release measures

#### Personal precautions, protective equipment and emergency procedures

<b>Personal precautions</b>	Wear protective clothing as described in Section 8 of this safety data sheet. No action shall be taken without appropriate training or involving any personal risk. Do not touch or walk into spilled material. Evacuate area. Provide adequate ventilation. No smoking, sparks, flames or other sources of ignition near spillage. Promptly remove any clothing that becomes contaminated.
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#### Environmental precautions

<b>Environmental precautions</b>	Avoid discharge into drains or watercourses or onto the ground.
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#### Methods and material for containment and cleaning up

<b>Methods for cleaning up</b>	Wear protective clothing as described in Section 8 of this safety data sheet. Clear up spills immediately and dispose of waste safely. Eliminate all ignition sources if safe to do so. No smoking, sparks, flames or other sources of ignition near spillage. Do not allow material to enter confined spaces, due to the risk of explosion. Absorb small quantities with paper towels and evaporate in a safe place. Once evaporation is complete, place paper in a suitable waste disposal container and seal securely. Large Spillages: If the product is soluble in water, dilute the spillage with water and mop it up. Alternatively, or if it is not water-soluble, absorb the spillage with an inert, dry material and place it in a suitable waste disposal container. The contaminated absorbent may pose the same hazard as the spilled material. Label the containers containing waste and contaminated materials and remove from the area as soon as possible. Flush contaminated area with plenty of water. Wash thoroughly after dealing with a spillage. For waste disposal, see Section 13.
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#### Reference to other sections

<b>Reference to other sections</b>	For personal protection, see Section 8. See Section 11 for additional information on health hazards. See Section 12 for additional information on ecological hazards. For waste disposal, see Section 13.
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### SECTION 7: Handling and storage

#### Precautions for safe handling

<b>Usage precautions</b>	Read and follow manufacturer's recommendations. Wear protective clothing as described in Section 8 of this safety data sheet. Keep away from food, drink and animal feeding stuffs. Handle all packages and containers carefully to minimise spills. Keep container tightly sealed when not in use. Avoid the formation of mists. The product is flammable. Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking. Do not handle until all safety precautions have been read and understood. Do not handle broken packages without protective equipment. Do not reuse empty containers.
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<b>Advice on general occupational hygiene</b>	Wash promptly if skin becomes contaminated. Take off contaminated clothing. Wash contaminated clothing before reuse.
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#### Conditions for safe storage, including any incompatibilities

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<b>Storage precautions</b>	Store away from incompatible materials (see Section 10). Keep away from oxidising materials, heat and flames. Keep only in the original container. Keep container tightly closed, in a cool, well ventilated place. Keep containers upright. Protect containers from damage.
<b>Storage class</b>	Flammable liquid storage.
<b>Specific end use(s)</b>	
<b>Specific end use(s)</b>	The identified uses for this product are detailed in Section 1.
<b>Reference to other sections.</b>	Store away from incompatible materials (see Section 10).

### SECTION 8: Exposure controls and personal protection

#### Control parameters

#### Occupational exposure limits

##### **Ethyl acetate**

Eight-hour time-weighted average: PEL 400 ppm 1440 mg/m<sup>3</sup>

##### **PROPAN-2-OL**

Eight-hour time-weighted average: PEL 400 ppm 983 mg/m<sup>3</sup>

Permissible exposure limit (PEL)

#### Exposure controls

##### **Protective equipment**



##### **Appropriate engineering controls**

Provide adequate ventilation. Observe any occupational exposure limits for the product or ingredients.

##### **Eye/face protection**

Wear tight-fitting, chemical splash goggles or face shield. If inhalation hazards exist, a full-face respirator may be required instead.

##### **Hand protection**

Wear protective gloves. The most suitable glove should be chosen in consultation with the glove supplier/manufacturer, who can provide information about the breakthrough time of the glove material. To protect hands from chemicals, wear gloves that are proven to be impervious to the chemical and resist degradation. Considering the data specified by the glove manufacturer, check during use that the gloves are retaining their protective properties and change them as soon as any deterioration is detected. Frequent changes are recommended.

##### **Other skin and body protection**

Wear appropriate clothing to prevent repeated or prolonged skin contact.

##### **Hygiene measures**

Wash after use and before eating, smoking and using the toilet. Do not eat, drink or smoke when using this product.

##### **Respiratory protection**

Ensure all respiratory protective equipment is suitable for its intended use. Check that the respirator fits tightly and the filter is changed regularly. Gas and combination filter cartridges suitable for intended use should be used. Full face mask respirators with replaceable filter cartridges suitable for intended use should be used. Half mask and quarter mask respirators with replaceable filter cartridges suitable for intended use should be used.

##### **Environmental exposure controls**

Keep container tightly sealed when not in use.

### SECTION 9: Physical and chemical properties

#### Information on basic physical and chemical properties

## CDI - STENCIL, SQUEEGEE and MISPRINT CLEANER, BULK

<b>Melting point</b>	Not applicable.
<b>Initial boiling point and range</b>	120°C/249°F @ 101.3 kPa
<b>Flash point</b>	44°C/120°F Tag closed cup.
<b>Evaporation rate</b>	No information available.
<b>Evaporation factor</b>	No information available.
<b>Upper/lower flammability or explosive limits</b>	Upper flammable/explosive limit: N/D Lower flammable/explosive limit: N/D
<b>Vapour pressure</b>	0.23 kPa @ 25°C
<b>Vapour density</b>	4.0
<b>Relative density</b>	0.97
<b>Bulk density</b>	Not applicable.
<b>Partition coefficient</b>	No information available.
<b>Auto-ignition temperature</b>	No information available.
<b>Decomposition temperature</b>	No information available.
<b>Viscosity</b>	Not applicable.
<b>Global Warming Potential (GWP)</b>	
<b>Surface tension</b>	
<b>Refractive index</b>	Not applicable.
<b>Particle size</b>	Not applicable.
<b>Molecular weight</b>	Not applicable.
<b>Saturation concentration</b>	No information available.
<b>Critical temperature</b>	Not applicable.
<b>Volatile organic compound</b>	This product contains a maximum VOC content of 785 g/l.
<b>Heat of vaporization (at boiling point), cal/g (Btu/lb)</b>	

### SECTION 10: Stability and reactivity

<b>Reactivity</b>	See the other subsections of this section for further details.
<b>Stability</b>	Stable at normal ambient temperatures and when used as recommended. Stable under the prescribed storage conditions.
<b>Possibility of hazardous reactions</b>	The following materials may react strongly with the product: Oxidising agents.
<b>Conditions to avoid</b>	Avoid heat, flames and other sources of ignition. Containers can burst violently or explode when heated, due to excessive pressure build-up. Static electricity and formation of sparks must be prevented.
<b>Materials to avoid</b>	Oxidising materials. Acids - oxidising.

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**Hazardous decomposition products** Does not decompose when used and stored as recommended. Thermal decomposition or combustion products may include the following substances: Harmful gases or vapours.

### SECTION 11: Toxicological information

#### Information on toxicological effects

##### Acute toxicity - oral

**Notes (oral LD<sub>50</sub>)** Based on available data the classification criteria are not met.

##### Acute toxicity - dermal

**Notes (dermal LD<sub>50</sub>)** Based on available data the classification criteria are not met.

##### Acute toxicity - inhalation

**Notes (inhalation LC<sub>50</sub>)** Based on available data the classification criteria are not met.

##### Skin corrosion/irritation

**Animal data** Irritating.

##### Serious eye damage/irritation

**Serious eye damage/irritation** Causes serious eye irritation.

##### Respiratory sensitization

**Respiratory sensitization** Based on available data the classification criteria are not met.

##### Skin sensitization

**Skin sensitization** Based on available data the classification criteria are not met.

##### Germ cell mutagenicity

**Genotoxicity - in vitro** Based on available data the classification criteria are not met.

##### Carcinogenicity

**Carcinogenicity** Based on available data the classification criteria are not met.

##### IARC carcinogenicity

Contains a substance which may be potentially carcinogenic. IARC Group 3 Not classifiable as to its carcinogenicity to humans.

##### Reproductive toxicity

**Reproductive toxicity - fertility** Based on available data the classification criteria are not met.

**Reproductive toxicity - development** Based on available data the classification criteria are not met.

##### Specific target organ toxicity - single exposure

**STOT - single exposure** Not classified as a specific target organ toxicant after a single exposure.

##### Specific target organ toxicity - repeated exposure

**STOT - repeated exposure** Not classified as a specific target organ toxicant after repeated exposure.

##### Aspiration hazard

**Aspiration hazard** Based on available data the classification criteria are not met.

##### General information

The severity of the symptoms described will vary dependent on the concentration and the length of exposure.

##### Inhalation

No specific symptoms known.

##### Ingestion

May cause irritation.

##### Skin contact

Redness. Irritating to skin.

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<b>Eye contact</b>	Irritating to eyes.
<b>Route of entry</b>	Ingestion Inhalation Skin and/or eye contact
<b>Target organs</b>	No specific target organs known.

### Toxicological information on ingredients

#### PROPAN-2-OL

#### Carcinogenicity

**IARC carcinogenicity** IARC Group 3 Not classifiable as to its carcinogenicity to humans.

**NTP carcinogenicity** Not listed.

### SECTION 12: Ecological Information

**Ecotoxicity** Not regarded as dangerous for the environment. However, large or frequent spills may have hazardous effects on the environment.

**Toxicity** Based on available data the classification criteria are not met.

### Ecological information on ingredients

#### PROPAN-2-OL

#### Acute aquatic toxicity

**Acute toxicity - fish** LC<sub>50</sub>, 96 hours: 9,640 mg/l, Fish

**Acute toxicity - aquatic invertebrates** EC<sub>50</sub>, 48 hours: 5102 mg/l, Daphnia magna

**Acute toxicity - aquatic plants** IC<sub>50</sub>, 72 hours: >2,000 mg/l, Algae

### Persistence and degradability

**Persistence and degradability** The degradability of the product is not known.

### Bioaccumulative potential

**Bioaccumulative potential** No data available on bioaccumulation.

**Partition coefficient** No information available.

### Ecological information on ingredients

#### PROPAN-2-OL

**Partition coefficient** : 0.05

### Mobility in soil

**Mobility** No data available.

### Other adverse effects

**Other adverse effects** None known.

### SECTION 13: Disposal information


#### Waste treatment methods



## CDI - STENCIL, SQUEEGEE and MISPRINT CLEANER, BULK

<b>General information</b>	The generation of waste should be minimised or avoided wherever possible. Reuse or recycle products wherever possible. This material and its container must be disposed of in a safe way. When handling waste, the safety precautions applying to handling of the product should be considered. Care should be taken when handling emptied containers that have not been thoroughly cleaned or rinsed out. Empty containers or liners may retain some product residues and hence be potentially hazardous.
<b>Disposal methods</b>	Do not empty into drains. Dispose of surplus products and those that cannot be recycled via a licensed waste disposal contractor. Waste, residues, empty containers, discarded work clothes and contaminated cleaning materials should be collected in designated containers, labelled with their contents. Incineration or landfill should only be considered when recycling is not feasible.

### SECTION 14: Transportation information

<b>Road transport notes</b>	Not regulated.
<b>Rail transport notes</b>	Not regulated.
<b>UN number</b>	
<b>UN No. (IMDG)</b>	1993
<b>UN No. (ICAO)</b>	1993
<b>UN proper shipping name</b>	
<b>Proper shipping name (IMDG)</b>	FLAMMABLE LIQUID, N.O.S. (CONTAINS 1-propoxypropan-2-ol, ETHYL ACETATE)
<b>Proper shipping name (ICAO)</b>	FLAMMABLE LIQUID, N.O.S. (CONTAINS 1-propoxypropan-2-ol, ETHYL ACETATE)
<b>Transport hazard class(es)</b>	
<b>IMDG class</b>	3
<b>ICAO class/division</b>	3
<b>Transport labels</b>	
	
<b>Packing group</b>	
<b>IMDG packing group</b>	III
<b>ICAO packing group</b>	III
<b>Environmental hazards</b>	
<b>Environmentally hazardous substance/marine pollutant</b>	
No.	
<b>Special precautions for user</b>	
<b>EmS</b>	F-E, S-E
<b>Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code</b>	Not relevant.

### SECTION 15: Regulatory information

## CDI - STENCIL, SQUEEGEE and MISPRINT CLEANER, BULK

### Safety, health and environmental regulations specific for the substance or mixture

#### SECTION 16: Other information

##### Abbreviations and acronyms used in the safety data sheet

IATA: International air transport association.  
 ICAO: Technical instructions for the safe transport of dangerous goods by air.  
 IMDG: International maritime dangerous goods.  
 CAS: Chemical abstracts service.  
 ATE: Acute toxicity estimate.  
 LC<sub>50</sub>: Lethal concentration to 50 % of a test population.  
 LD<sub>50</sub>: Lethal dose to 50% of a test population (median lethal dose).  
 EC<sub>50</sub>: 50% of maximal effective concentration.  
 PBT: Persistent, bioaccumulative and toxic substance.  
 vPvB: Very persistent and very bioaccumulative.

##### Classification abbreviations and acronyms

Flam. Liq. = Flammable liquid  
 Eye Irrit. = Eye irritation  
 Skin Irrit. = Skin irritation

##### Training advice

Only trained personnel should use this material.

##### Revision comments

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

##### Revision date

3/6/2021

##### Revision

28

##### Supersedes date

1/8/2018

##### SDS number

BULK - CDI

##### SDS status

Approved.

##### Hazard statements in full

H225 Highly flammable liquid and vapour.  
 H226 Flammable liquid and vapour.  
 H315 Causes skin irritation.  
 H319 Causes serious eye irritation.  
 H336 May cause drowsiness or dizziness.

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.