

# SAFETY DATA SHEET CDI - STENCIL, SQUEEGEE and MISPRINT CLEANER, BULK

According to Appendix D, OSHA Hazard Communication Standard 29 CFR §1910.1200

#### 1. Identification

Product identifier

Product name CDI - STENCIL, SQUEEGEE and MISPRINT CLEANER, BULK

Product number MCC-CDIG, MCC-CDIP, MCC-CDIG, MCC-CDIGL, MCC-CDIL

Recommended use of the chemical 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 LLC

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 1-800-535-5053 (U.S.A. and CANADA)

1-352-323-3500 (from anywhere in the world)

#### 2. Hazard(s) identification

#### Classification of the substance or mixture

OSHA Regulatory Status This Product is Hazardous under the OSHA Hazard Communication Standard.

Physical hazards Flam. Liq. 3 - H226

**Health hazards** Skin Irrit. 2 - H315 Eye Irrit. 2A - H319

Environmental hazards Not Classified

Label elements

Hazard symbols





Signal word Warning

**Hazard statements** H226 Flammable liquid and vapor.

H315 Causes skin irritation.

H319 Causes serious eye irritation.

#### Precautionary statements P210 H

P210 Keep away from heat, sparks, open flames and 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.

P305+P351+P338 If in eyes: Rinse cautiously with water for several minutes. Remove contact

lenses, if present and easy to do. Continue rinsing.

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.

## Supplemental label information

Safety data sheet available on request. For use in industrial installations only.

## Other hazards

This product does not contain any substances classified as PBT or vPvB.

#### 3. Composition/information on ingredients

#### **Mixtures**

## 1-propoxypropan-2-ol 60-100%

CAS number: 1569-01-3

#### Classification

Flam. Liq. 3 - H226 Skin Irrit. 2 - H315 Eye Irrit. 2A - H319

#### D.I. WATER 30-60%

CAS number: 7732-18-5

#### Classification

Not Classified

#### ETHYL ACETATE 1-5%

CAS number: 141-78-6

#### Classification

Flam. Liq. 2 - H225 Eye Irrit. 2A - H319 STOT SE 3 - H336

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

PROPAN-2-OL 1-5%

CAS number: 67-63-0

Classification

Flam. Liq. 2 - H225 Eye Irrit. 2A - H319 STOT SE 3 - H336

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

Composition comments TSCA: The ingredients of this product are on the TSCA Inventory. The exact percentage

(concentration) of composition has been withheld as a trade secret in accordance with

paragraph (i) of CFR 1900.1200

Composition

#### 4. First-aid measures

#### Description of first aid measures

General information Get medical attention if any discomfort continues. Show this Safety Data Sheet to the medical

personnel.

**Inhalation** 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.

Ingestion Rinse mouth thoroughly with water. Get medical advice/attention if you feel unwell. Do not

induce vomiting unless under the direction of medical personnel.

**Skin Contact** Rinse with water.

Eye contact Rinse with water. Do not rub eye. Remove any contact lenses and open eyelids wide apart.

Get medical attention if any discomfort continues.

**Protection of first aiders** First aid personnel should wear appropriate protective equipment during any rescue.

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

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.

**Eye contact** Irritating to eyes.

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

#### 5. Fire-fighting measures

#### **Extinguishing media**

Suitable extinguishing media 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.

Unsuitable extinguishing

media

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

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

#### Specific hazards

Containers can burst violently or explode when heated, due to excessive pressure build-up. Flammable liquid and vapour. Vapors may be ignited by a spark, a hot surface or an ember. Vapors may form explosive mixtures with air. Fire-water run-off in sewers may create fire or explosion hazard.

## Hazardous combustion products

Thermal decomposition or combustion products may include the following substances: Harmful gases or vapors.

#### Advice for firefighters

## Protective actions during firefighting

Avoid breathing fire gases or vapors. 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 vapors 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.

## Special protective equipment for firefighters

Wear positive-pressure self-contained breathing apparatus (SCBA) and appropriate protective clothing. Standard Firefighter's clothing including helmets, protective boots and gloves will provide a basic level of protection for chemical incidents.

#### 6. Accidental release measures

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

#### Personal precautions

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.

#### **Environmental precautions**

**Environmental precautions** 

Avoid discharge into drains or watercourses or onto the ground.

#### Methods and material for containment and cleaning up

#### Methods for cleaning up

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.

#### Reference to other sections

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.

#### 7. Handling and storage

#### Precautions for safe handling

#### Usage precautions Rea

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 minimize 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.

Advice on general occupational hygiene

Wash promptly if skin becomes contaminated. Take off contaminated clothing and wash

before reuse. Wash contaminated clothing before reuse.

#### Conditions for safe storage, including any incompatibilities

**Storage precautions** Store away from incompatible materials (see Section 10). Keep away from oxidizing 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.

**Storage class** Flammable liquid storage.

Specific end uses(s)

Specific end use(s) The identified uses for this product are detailed in Section 1.

Reference to other sections. Store away from incompatible materials (see Section 10).

#### 8. Exposure controls/Personal protection

#### **Control parameters**

#### Occupational exposure limits

#### **ETHYL ACETATE**

Long-term exposure limit (8-hour TWA): ACGIH 400 ppm 1440 mg/m³ Long-term exposure limit (8-hour TWA): OSHA 400 ppm 1400 mg/m³

#### PROPAN-2-OL

Long-term exposure limit (8-hour TWA): OSHA 400 ppm 980 mg/m³ Long-term exposure limit (8-hour TWA): ACGIH 200 ppm 492 mg/m³ Short-term exposure limit (15-minute): ACGIH 400 ppm 984 mg/m³ A4

ACGIH = American Conference of Governmental Industrial Hygienists. OSHA = Occupational Safety and Health Administration. A4 = Not Classifiable as a Human Carcinogen.

#### **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, gloves should comply with OSHA 1910.138 and be demonstrated 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 and is NIOSH

approved. Check that the respirator fits tightly and the filter is changed regularly. Gas and combination filter cartridges should comply with OSHA 1910.134. Full face mask respirators with replaceable filter cartridges should comply with OSHA 1910.134. Half mask and quarter mask respirators with replaceable filter cartridges should comply with OSHA 1910.134.

Environmental exposure controls

Keep container tightly sealed when not in use.

#### 9. Physical and chemical properties

#### Information on basic physical and chemical properties

Melting point Not applicable.

Initial boiling point and range 120°C/249°F @ 101.3 kPa

**Flash point** 44°C/120°F Tag closed cup.

Evaporation rate

No information available.

Evaporation factor

No information available.

Upper/lower flammability or

explosive limits

Upper flammable/explosive limit: N/D Lower flammable/explosive limit: N/D

Vapor pressure 0.23 kPa @ 25°C

Vapor density 4.0

Relative density 0.97

Bulk density Not applicable.

Partition coefficient No information available.

**Auto-ignition temperature** No information available.

**Decomposition Temperature** No information available.

Viscosity Not applicable.

**Global Warming Potential** 

(GWP)

Surface tension

Refractive index Not applicable.

Particle size Not applicable.

Molecular weight Not applicable.

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

**Saturation concentration** No information available.

Critical temperature Not applicable.

Volatile organic compound This product contains a maximum VOC content of 785 g/l.

Heat of vaporization (at boiling

point), cal/g (Btu/lb)

10. Stability and reactivity

**Reactivity** See the other subsections of this section for further details.

Stable at normal ambient temperatures and when used as recommended. Stable under the

prescribed storage conditions.

Possibility of hazardous

reactions

The following materials may react strongly with the product: Oxidizing agents.

Conditions to avoid 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.

Materials to avoid Oxidizing materials. Acids - oxidizing.

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 vapors.

#### 11. Toxicological information

#### Information on toxicological effects

Acute toxicity - oral

Notes (oral LD50) 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 LC50) 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.

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

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.

**Eye contact** Irritating to eyes.

Route of exposure Ingestion Inhalation Skin and/or eye contact

**Target Organs** No specific target organs known.

Toxicological information on ingredients.

PROPAN-2-OL

Acute toxicity - inhalation

Acute toxicity inhalation

(LC<sub>50</sub> vapours mg/l)

16,000.0

ATE inhalation (vapours

16.000.0

mg/l)

Carcinogenicity

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

NTP carcinogenicity Not listed.

OSHA Carcinogenicity Not listed.

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

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

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

Bio-Accumulative 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.

#### 13. Disposal considerations

#### Waste treatment methods

**General information** The generation of waste should be minimized 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.

**Disposal methods**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, labeled with their contents. Incineration or landfill should only be considered when recycling is

not feasible.

14. Transport information

Road transport notes Not regulated.

Rail transport notes Not regulated.

**UN Number** 

**UN No. (TDG)** 1993

**UN No. (IMDG)** 1993

**UN No. (ICAO)** 1993

UN proper shipping name

Proper shipping name (TDG) FLAMMABLE LIQUID, N.O.S. (CONTAINS Glycol Ethers, Isopropanol)

Proper shipping name (IMDG) FLAMMABLE LIQUID, N.O.S. (CONTAINS 1-propoxypropan-2-ol, ETHYL ACETATE)

Proper shipping name (ICAO) FLAMMABLE LIQUID, N.O.S. (CONTAINS 1-propoxypropan-2-ol, ETHYL ACETATE)

Proper shipping name (DOT) UN1993, FLAMMABLE LIQUID, N.O.S. (Glycol Ethers, Isopropanol), 3, PGIII

#### Transport hazard class(es)

DOT hazard class 3

TDG class 3

TDG label(s) 3

IMDG Class 3

ICAO class/division 3

### Transport labels



#### Packing group

TDG Packing Group III

IMDG packing group III

ICAO packing group

DOT packing group

#### **Environmental hazards**

#### **Environmentally Hazardous Substance**

No.

#### Special precautions for user

EmS F-E, S-E

Transport in bulk according to Not relevant.

Annex II of MARPOL 73/78

and the IBC Code

### 15. Regulatory information

#### **US Federal Regulations**

### SARA Section 302 Extremely Hazardous Substances Tier II Threshold Planning Quantities

None of the ingredients are listed or exempt.

## CERCLA/Superfund, Hazardous Substances/Reportable Quantities (EPA)

The following ingredients are listed or exempt:

ETHYL ACETATE

Final CERCLA RQ: 5000(2270) pounds (Kilograms)

### SARA Extremely Hazardous Substances EPCRA Reportable Quantities

None of the ingredients are listed or exempt.

#### SARA 313 Emission Reporting

None of the ingredients are listed or exempt.

#### **CAA Accidental Release Prevention**

None of the ingredients are listed or exempt.

#### FDA - Essential Chemical

None of the ingredients are listed or exempt.

#### **FDA - Precursor Chemical**

None of the ingredients are listed or exempt.

#### SARA (311/312) Hazard Categories

None of the ingredients are listed or exempt.

#### **OSHA Highly Hazardous Chemicals**

None of the ingredients are listed or exempt.

#### **US State Regulations**

#### California Proposition 65 Carcinogens and Reproductive Toxins

None of the ingredients are listed or exempt.

#### California Air Toxics "Hot Spots" (A-I)

The following ingredients are listed or exempt:

PROPAN-2-OL

#### California Air Toxics "Hot Spots" (A-II)

None of the ingredients are listed or exempt.

#### California Directors List of Hazardous Substances

The following ingredients are listed or exempt:

ETHYL ACETATE

PROPAN-2-OL

#### Massachusetts "Right To Know" List

The following ingredients are listed or exempt:

ETHYL ACETATE

PROPAN-2-OL

### Rhode Island "Right To Know" List

The following ingredients are listed or exempt:

ETHYL ACETATE

PROPAN-2-OL

#### Minnesota "Right To Know" List

The following ingredients are listed or exempt:

ETHYL ACETATE

PROPAN-2-OL

#### New Jersey "Right To Know" List

The following ingredients are listed or exempt:

ETHYL ACETATE

PROPAN-2-OL

#### Pennsylvania "Right To Know" List

The following ingredients are listed or exempt:

ETHYL ACETATE

PROPAN-2-OL

#### **Inventories**

#### **US-TSCA**

All the ingredients are listed or exempt.

#### US - TSCA 12(b) Export Notification

None of the ingredients are listed or exempt.

#### 16. Other information

## Abbreviations and acronyms used in the safety data sheet

TDG: The transport of dangerous goods act

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.

LC₅o: Lethal concentration to 50 % of a test population.

LD<sub>50</sub>: Lethal dose to 50% of a test population (median lethal dose).

EC₅o: 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 6/3/2021

Revision 28

Supersedes date 8/1/2018

SDS No. BULK - CDI
SDS status Approved.

SDS status Approved.

Hazard statements in full H225 Highly flammable liquid and vapor.

H226 Flammable liquid and vapor.

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.