



Allied Pressroom Products
Chemicals for the International Printing Industry

SAFETY DATA SHEET

C.R.D (CHROME ROLLER DESENSITIZER) (USA)

1. Identification

Product identifier

Product name C.R.D (CHROME ROLLER DESENSITIZER) (USA)

Recommended use of the chemical and restrictions on use

Application Desensitizer for chrome dampening rollers.

Uses advised against No specific uses advised against are identified.

Details of the supplier of the safety data sheet

Supplier ALLIED PRESSROOM PRODUCTS
2040 Lee Street
Hollywood
FL 33020
USA
+1 800-327-8487 (09:00-17:00 EST)
+1 954-923-6462
info@alliedchem.com

Manufacturer Same as supplier

Emergency telephone number

Emergency telephone Allied Pressroom Products +1 800-327-8487 (09:00-17:00 EST) 24 HR. EMERGENCY TELEPHONE 800-424-9300 CHEMTREC

National emergency telephone number 911

2. Hazard(s) identification

Classification of the substance or mixture

Physical hazards

Not Classified

Health hazards

Not Classified

Environmental hazards

Not Classified

Human health

The product contains a small amount of sensitizing substance. May cause skin sensitization or allergic reactions in sensitive individuals. Do not allow to dry out. Contains respirable crystalline silica! - Prolonged and/or massive inhalation of respirable crystalline silica dust may cause silicosis, however inhalation of crystalline silica is not expected from this product because it is in the form of a viscous emulsion, provided it is used as directed.

Label elements

Hazard statements

NC Not Classified

Other hazards

This substance is not classified as PBT or vPvB according to current EU criteria.

C.R.D (CHROME ROLLER DESENSITIZER) (USA)**3. Composition/information on ingredients****Mixtures**

CRISTOBALITE CAS number: 14464-46-1	1-5%
Classification STOT RE 1 - H372	
PHOSPHORIC ACID ...% CAS number: 7664-38-2	1-5%
Classification Met. Corr. 1 - H290 Skin Corr. 1B - H314 Eye Dam. 1 - H318	

The Full Text for all Hazard Statements are Displayed in Section 16.

4. First-aid measures**Description of first aid measures****Inhalation**

Move affected person to fresh air at once. Get medical attention if any discomfort continues.

Ingestion

Do not induce vomiting. Rinse mouth thoroughly with water. Give plenty of water to drink. Get medical attention if any discomfort continues.

Skin Contact

Remove affected person from source of contamination. Wash skin thoroughly with soap and water. Get medical attention if symptoms are severe or persist after washing.

Eye contact

Remove any contact lenses and open eyelids wide apart. Rinse immediately with plenty of water. 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**

No specific symptoms known. Do not allow to dry out. Contains respirable crystalline silica! - Prolonged and/or massive inhalation of respirable crystalline silica dust may cause silicosis, however inhalation of crystalline silica is not expected from this product because it is in the form of a viscous emulsion, provided it is used as directed.

Ingestion

No specific symptoms known.

Skin contact

May cause an allergic skin reaction.

Eye contact

No specific symptoms known.

Indication of immediate medical attention and special treatment needed**Notes for the doctor**

No specific recommendations.

5.Fire-fighting measures**Extinguishing media****Suitable extinguishing media**

The product is not flammable. Use fire-extinguishing media suitable for the surrounding fire.

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Special hazards arising from the substance or mixture

Specific hazards

No unusual fire or explosion hazards noted.

Hazardous combustion products

Vapours/gases/fumes of: Carbon monoxide (CO). Carbon dioxide (CO₂).

Advice for firefighters

Special protective equipment for firefighters

Wear positive-pressure self-contained breathing apparatus (SCBA) and appropriate protective clothing.

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.

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

Wash thoroughly after dealing with a spillage. Absorb in vermiculite, dry sand or earth and place into containers.

Reference to other sections

For waste disposal, see Section 13.

7. Handling and storage

Precautions for safe handling

Usage precautions

Avoid spilling. Avoid contact with skin and eyes.

Conditions for safe storage, including any incompatibilities

Storage precautions

Store in tightly-closed, original container in a dry, cool and well-ventilated place.

Specific end uses(s)

Specific end use(s)

The identified uses for this product are detailed in Section 1.2.

8. Exposure Controls/personal protection

Control parameters

Occupational exposure limits

PHOSPHORIC ACID ...%

Long-term exposure limit (8-hour TWA): OSHA 1 mg/m³

Long-term exposure limit (8-hour TWA): ACGIH 1 mg/m³

Short-term exposure limit (15-minute): ACGIH 3 mg/m³

OSHA = Occupational Safety and Health Administration.

ACGIH = American Conference of Governmental Industrial Hygienists.

PHOSPHORIC ACID ...% (CAS: 7664-38-2)

Immediate danger to life and health

1000 mg/m³

Exposure controls

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Protective equipment



Appropriate engineering controls

No specific ventilation requirements.

Eye/face protection

Eyewear complying with an approved standard should be worn if a risk assessment indicates eye contact is possible. The following protection should be worn: Chemical splash goggles.

Hand protection

Chemical-resistant, impervious gloves complying with an approved standard should be worn if a risk assessment indicates skin contact is possible. It is recommended that gloves are made of the following material: Nitrile rubber.

Other skin and body protection

Wear appropriate clothing to prevent any possibility of skin contact.

Hygiene measures

Wash hands at the end of each work shift and before eating, smoking and using the toilet. Wash promptly if skin becomes contaminated. Promptly remove any clothing that becomes contaminated. Use appropriate skin cream to prevent drying of skin. When using do not eat, drink or smoke. Do not smoke in work area.

Respiratory protection

No specific recommendations. Respiratory protection must be used if the airborne contamination exceeds the recommended occupational exposure limit.

9. Physical and Chemical Properties

Information on basic physical and chemical properties

Appearance

Viscous liquid. Emulsion.

Color

Tan.

Odor

No characteristic odor.

Odor threshold

No information available.

pH

pH (concentrated solution): 1.8

Melting point

Not applicable.

Initial boiling point and range

212°F @ 760 mm Hg

Flash point

None°F TCC (Tag closed cup).

Evaporation rate

< 1 (butyl acetate = 1)

Upper/lower flammability or explosive limits

No information available. ::

Vapour pressure

as water 17 mmHg @ 20°C

Vapour density

>1

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Relative density

1 @ 20°C

Bulk density

Not applicable.

Solubility(ies)

Soluble in water.

Partition coefficient

No information available.

Auto-ignition temperature

No information available.

Decomposition Temperature

No information available.

Viscosity

No information available.

Oxidising properties

Not available.

Comments

Information declared as "Not available" or "Not applicable" is not considered to be relevant to the implementation of the proper control measures.

Volatile organic compound

This product contains a maximum VOC content of 0 g/litre. This product contains a maximum VOC content of 0 lb per Gallon.

10. Stability and reactivity

Reactivity

There are no known reactivity hazards associated with this product.

Stability

Stable at normal ambient temperatures.

Possibility of hazardous reactions

Will not polymerize.

Conditions to avoid

Avoid excessive heat for prolonged periods of time.

Materials to avoid

Strong alkalis. Strong oxidizing agents.

Hazardous decomposition products

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

11. Toxicological information

Information on toxicological effects

Acute toxicity - oral

Based on available data the classification criteria are not met.

Acute toxicity - dermal

Based on available data the classification criteria are not met.

Acute toxicity - inhalation

Based on available data the classification criteria are not met.

Skin corrosion/irritation

Animal data

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Based on available data the classification criteria are not met.

Serious eye damage/irritation

Based on available data the classification criteria are not met.

Respiratory sensitisation

Based on available data the classification criteria are not met.

Skin sensitisation

The product contains a small amount of sensitizing substance. May cause skin sensitization or allergic reactions in sensitive individuals.

Germ cell mutagenicity

Genotoxicity - in vitro

Does not contain any substances known to be mutagenic.

Carcinogenicity

Based on available data the classification criteria are not met.

Reproductive toxicity

Reproductive toxicity - fertility

Does not contain any substances known to be toxic to reproduction.

Specific target organ toxicity - single exposure

STOT - single exposure

Based on available data the classification criteria are not met.

Specific target organ toxicity - repeated exposure

STOT - repeated exposure

Based on available data the classification criteria are not met. Do not allow to dry out. Contains respirable crystalline silica! - Prolonged and/or massive inhalation of respirable crystalline silica dust may cause silicosis, however inhalation of crystalline silica is not expected from this product because it is in the form of a viscous emulsion, provided it is used as directed.

Aspiration hazard

Not relevant.

Inhalation

May cause respiratory system irritation. Do not allow to dry out. Contains respirable crystalline silica! - Prolonged and/or massive inhalation of respirable crystalline silica dust may cause silicosis, however inhalation of crystalline silica is not expected from this product because it is in the form of a viscous emulsion, provided it is used as directed.

Ingestion

May cause discomfort if swallowed.

Skin Contact

The product contains a small amount of sensitizing substance. May cause sensitisation by skin contact.

Eye contact

May cause eye irritation.

Acute and chronic health hazards

This product is moderately irritating.

Route of entry

Skin and/or eye contact Inhalation

Medical Symptoms

Irritation of eyes and mucous membranes. Skin irritation. Allergic rash.

12. Ecological Information

Ecotoxicity

Not known. The product contains a substance which is toxic to aquatic organisms and which may cause long-term adverse effects in the aquatic environment. However, this preparation has not been classified as hazardous to the environment using the conventional method calculation. The product may affect the acidity (pH) of water which may have hazardous effects on aquatic

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organisms.

Toxicity

Acute toxicity - fish

Not known.

Acute toxicity - aquatic invertebrates

Not known.

Acute toxicity - aquatic plants

Not known.

Persistence and degradability

Persistence and degradability

There are no data on the degradability of this product.

Bioaccumulative potential

No data available on bioaccumulation.

Partition coefficient

No information available.

Mobility in soil

Mobility

The product is soluble in water.

Results of PBT and vPvB assessment

This substance is not classified as PBT or vPvB according to current EU criteria.

Other adverse effects

Not known.

13. Disposal considerations

Waste treatment methods

General information

When handling waste, the safety precautions applying to handling of the product should be considered.

Disposal methods

Dispose of waste to licensed waste disposal site in accordance with the requirements of the local Waste Disposal Authority.

14. Transport information

General

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

UN Number

Not applicable.

UN proper shipping name

Not applicable.

Transport hazard class(es)

Not applicable.

Packing group

Not applicable.

Environmental hazards

Environmentally Hazardous Substance

No.

C.R.D (CHROME ROLLER DESENSITIZER) (USA)**Special precautions for user**

Not applicable.

Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code Not applicable.

15. Regulatory information**US Federal Regulations****SARA Section 302 Extremely Hazardous Substances Tier II Threshold Planning Quantities****DIMETHYLNITROSOAMINE**

<0.01%

CERCLA/Superfund, Hazardous Substances/Reportable Quantities (EPA)**PHOSPHORIC ACID ...%**

1-5%

COPPER NITRATE

<0.01%

DIMETHYLNITROSOAMINE

<0.01%

SARA Extremely Hazardous Substances EPCRA Reportable Quantities**DIMETHYLNITROSOAMINE**

<0.01%

SARA 313 Emission Reporting

Not listed

CAA Accidental Release Prevention

Not listed

FDA - Essential Chemical

Not listed

FDA - Precursor Chemical

Not listed

OSHA Highly Hazardous Chemicals

Not listed

US State Regulations**California Proposition 65 Carcinogens and Reproductive Toxins****DIMETHYLNITROSOAMINE**

<0.01%

California Air Toxics "Hot Spots" (A-I)**PHOSPHORIC ACID ...%**

1-5%

DIMETHYLNITROSOAMINE

<0.01%

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

Not listed

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California Directors List of Hazardous Substances

PHOSPHORIC ACID ...%

1-5%

COPPER NITRATE

<0.01%

DIMETHYLNITROSOAMINE

<0.01%

Massachusetts "Right To Know" List

CRISTOBALITE

1-5%

PHOSPHORIC ACID ...%

1-5%

Quartz

<1%

COPPER NITRATE

<0.01%

DIMETHYLNITROSOAMINE

<0.01%

Rhode Island "Right To Know" List

PHOSPHORIC ACID ...%

1-5%

Quartz

<1%

COPPER NITRATE

<0.01%

DIMETHYLNITROSOAMINE

<0.01%

Minnesota "Right To Know" List

CRISTOBALITE

1-5%

PHOSPHORIC ACID ...%

1-5%

Quartz

<1%

DIMETHYLNITROSOAMINE

<0.01%

C.R.D (CHROME ROLLER DESENSITIZER) (USA)**New Jersey "Right To Know" List****CRISTOBALITE**

1-5%

PHOSPHORIC ACID ...%

1-5%

Quartz

<1%

COPPER NITRATE

<0.01%

DIMETHYLNITROSOAMINE

<0.01%

Pennsylvania "Right To Know" List**CRISTOBALITE**

1-5%

PHOSPHORIC ACID ...%

1-5%

Kieselguhr, soda ash flux-calcined

1-5%

Quartz

<1%

COPPER NITRATE

<0.01%

DIMETHYLNITROSOAMINE

<0.01%

Inventories**Canada - DSL/NDSL**

All the ingredients are listed or exempt.

DSL

NDSL

US - TSCA

All the ingredients are listed or exempt.

US - TSCA 12(b) Export Notification**5-chloro-2-methyl-4-isothiazolin-3-one [EC no. 247-500-7] and 2-methyl-4-isothiazolin-3-one [EC no. 220-239-6]
(3:1)**

<0.01%

16. Other information**Key literature references and sources for data**

Material Safety Data Sheet, Misc. manufacturers.

Revision comments

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

Issued by J Waterfield**Revision date** 2/25/2015**Revision** 2.0

C.R.D (CHROME ROLLER DESENSITIZER) (USA)**Supersedes date** 8/1/2014**SDS No.** 21144**Hazard statements in full**

EUH208 Contains 5-chloro-2-methyl-4-isothiazolin-3-one [EC no. 247-500-7] and 2-methyl-4-isothiazolin-3-one [EC no. 220-239-6] (3:1). May produce an allergic reaction.

H314 Causes severe skin burns and eye damage.

H318 Causes serious eye damage.

H372 Causes damage to organs through prolonged or repeated exposure if inhaled.

ACA HMIS Health rating. Slight hazard. (1)**ACA HMIS Physical hazard rating.** Normally stable. (0)**ACA HMIS Personal protection rating.** C**ACA HMIS Flammability rating.** Will not burn. (0)**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.