

SECTION 1: IDENTIFICATION**1.1 Product identifier**

Product Name: C-4 Finisher

Synonyms: None

1.2 Relevant identified uses of the substance or mixture and uses advised against

Product Use: A formulated aqueous and biodegradable finisher for use on subtractive plates.

1.3 Details of the supplier of the Safety Data Sheet

Manufacturer Name: Presstek, LLC
Manufacturer Address: 60 East Main Street
P.O. Box 1318
Rockville, CT 06066
United States
Manufacturer Phone Number: (860) 871-1200

1.4 Emergency telephone number

Chemtrec: 1-800-424-9300

SECTION 2: HAZARD(S) IDENTIFICATION**2.1 Classification of the substance or mixture**

Hazard Classification: The concentration of components of this mixture that presented eye and/or skin irritant hazards were below the limit for classifying the mixture as a whole as a health hazard. Regardless, contact with skin and eyes have the potential to be irritating and should be avoided. This mixture is a "hazard not otherwise classified (HNOC)".

2.2 Label elements

Hazard pictogram(s): No labeling required
Signal word: No signal word
Hazard statement(s): No hazard statements
Precautionary statement(s): No precautionary statements
Hazard not otherwise classified: May be irritating to the skin and eyes upon contact

2.3 Other hazards

Not Applicable

SECTION 3: COMPOSITION/INFORMATION ON INGREDIENTS

3.2 Mixtures

Substance	CAS No.	% Weight*	% Volume
Gum Arabic Solution	9000-01-5	1% - 5%	NA
Dextrin	9050-36-6	1% - 5%	NA
Glycerin	58-81-5	1% - 5%	NA
Alkyl Naphthalene Ester	Trade Secret	1% - 5%	NA

*The exact percentage of composition is withheld as a trade secret in accordance with 29 CFR1910.1200 (i).

SECTION 4: FIRST AID MEASURES

4.1 Description of first aid measures

Inhalation: If inhaled, move to fresh air and seek immediate medical attention.

Skin Contact: In the case of skin contact, wash with soap and water and see a doctor.

Eye Contact: In the case of eye contact, flush with large amounts of water and seek immediate medical attention.

Ingestion: If ingested, seek emergency medical attention.

4.2 Most important symptoms and effects, both acute and delayed

No data available

4.3 Indication of any immediate medical attention and special treatment needed

Notes to Physician: No special treatment required

SECTION 5: FIREFIGHTING MEASURES

5.1 Extinguishing media

Suitable Extinguishing Media: Water, fog, dry chemical, or CO2 extinguisher

Unsuitable Extinguishing Media: No data available

5.2 Special hazards arising from the substance or mixture

Hazardous Combustion Byproducts: No data available

5.3 Advice for firefighters

Special Protective Equipment: No special firefighting equipment is required. Use self-contained breathing apparatus if necessary.

Special Remarks on Fire Hazards: No special remarks noted

SECTION 6: ACCIDENTAL RELEASE MEASURES

6.1 Personal precautions, protective equipment and emergency procedures

6.1.1 For non-emergency personnel

Protective Equipment: Use appropriate personal protective equipment

Emergency Procedures: No emergency procedures, sweep or vacuum spilled material for use or disposal.

6.1.2 For emergency responders

Protective Equipment: Use appropriate personal protective equipment

Emergency Procedures: No emergency procedures, sweep or vacuum spilled material for use or disposal.

6.2 Environmental precautions

No special environmental precautions required. Avoid release to the environment.

6.3 Methods and material for containment and cleaning up

Use absorbent material to contain releases.

6.4 Reference to other sections

If appropriate, Sections 8 and 13 shall be referred to.

SECTION 7: HANDLING AND STORAGE

7.1 Precautions for safe handling

Follow general safety guidelines when handling, no special precautions are necessary.

7.2 Conditions for safe storage, including any incompatibles

Conditions for Safe Storage: Keep container closed when not in use. Store out of direct sunlight and protect from freezing.

Incompatibilities: Store away from oxidizing agents and direct sunlight.

7.3 Specific end use(s)

Apart from the use mentioned in Section 1.2 no other specific uses are stipulated.

SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION

8.1 Control parameters

No data available

8.2 Exposure controls

8.2.1 Appropriate Engineering Controls:

Normal room ventilation is usually adequate and general exhaust is acceptable.

8.2.2 Personal Protective Equipment:

Respiratory Protection: Respirators are not needed for normal use.

Skin Protection: Special protective clothing is not needed for normal use. Gloves are recommended as good industrial practice.

Eye Protection: Wear safety glasses.

8.2.3 Environmental exposure controls: No special environmental exposure controls

SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

9.1 Information on basic physical and chemical properties

(a) **Appearance:** Aqueous liquid with slight amber color

(b) **Odor:** Characteristic slight sweet smell

(c) **Odor threshold:** No data available

(d) **pH:** 8.0 to 8.5

(e) **Melting Point/Freezing Point:** 0 °C

(f) **Boiling Point:** 100 °C

(g) **Flash Point:** Non combustible

(h) **Evaporation Rate:** Not applicable

(i) **Flammability:** No data available

(j) **Upper/Lower Explosive Limits:** Not applicable

(k) **Vapor Pressure:** No data available

(l) **Vapor Density:** No data available

(m) **Relative Density:** 1.05 @ 25 °C

(n) **Solubility:** 100%

(o) **Partition coefficient:** n-octanol/water: Not data available

(p) **Auto-Ignition Temperature:** No data available

(q) **Decomposition Temperature:** No data available

(r) **Viscosity:** No data available

(s) **Explosive properties:** No data available

(t) **Oxidizing properties:** No data available

9.2 Other information

No data available

SECTION 10: STABILITY AND REACTIVITY

10.1 Reactivity

Stable under normal conditions

10.2 Chemical stability

Stable under normal temperatures and pressures

10.3 Possibility of hazardous reactions

No hazardous reactions known under normal atmospheric conditions

10.4 Conditions to avoid

Do not freeze

10.5 Incompatible materials

Avoid strong oxidizing agents

10.6 Hazardous decomposition products

No hazardous decomposition products known

SECTION 11: TOXICOLOGICAL INFORMATION

11.1 Information on toxicological effects

Acute toxicity: No data available

Skin corrosion/irritation: No data available

Serious eye damage/irritation: No data available

Respiratory or skin sensitization: No data available

Germ cell mutagenicity: No data available

Carcinogenicity: No known carcinogens above 0.1% are present in this product.

Reproductive toxicity: No data available

Summary of evaluation of the CMR properties: No data available

Specific target organ toxicity (single exposure): No data available

Specific target organ toxicity (repeated exposure): No data available

Aspiration hazard: No data available

SECTION 12: ECOLOGICAL INFORMATION

12.1 Toxicity

No data available

12.2 Persistence and degradability

No data available

12.3 Bioaccumulative potential

No data available

12.4 Mobility in soil

No data available

12.5 Results of PBT and vPvB assessment

No data available

12.6 Other adverse effects

No data available

SECTION 13: DISPOSAL CONSIDERATIONS

13.1 Waste treatment methods

Treatment, storage, transportation, and disposal must be in accordance with applicable Federal, State/Provincial, and Local regulations.

SECTION 14: TRANSPORT INFORMATION

This product is not regulated for transportation

14.1 UN number

Not regulated

14.2 UN proper shipping name

Not regulated

14.3 Transport hazard class(es)

Not regulated

14.4 Packing group

Not regulated

14.5 Environmental hazards

Not regulated

14.6 Transport in bulk

Not regulated

14.7 Special precautions for user

No special precautions

SECTION 15: REGULATORY INFORMATION

15.1 Safety, health and environmental regulations/legislation specific for substance or mixture

TSCA All components are in compliance with the TSCA inventory.

CERCLA No chemicals in this material are subject to the reporting requirements of CERCLA.

SARA 313 This material does not contain any chemical components with known CAS numbers that exceed the threshold reporting levels established by SARA Title III, Section 313.

SARA 302 No chemicals in this material are subject to the reporting requirements of SARA Title III, Section 302.

DSL All components of this material are in compliance with the Canadian DSL.

SECTION 16: OTHER INFORMATION

Date SDS Prepared/Revised: April 1, 2015

This information is based upon the present state of our knowledge and has been compiled and is solely intended for this product.