

SECTION 1: IDENTIFICATION

1.1 Product identifier

Product Name: N-200 Subtractive Developer

Synonyms: None

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

Product Use: A formulated aqueous developer 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: GHS classification in accordance with 29 CFR 1910.1200
Eye Damage/Irritation (Category 2)

2.2 Label elements

Hazard pictogram(s): 

Signal word: Warning

Hazard statement(s): Causes serious eye irritation

Precautionary statement(s):

- Wash skin thoroughly after handling
- Wear eye protection/face protection
- If in eyes: rinse cautiously with water for several minutes. Remove contact lenses if present and easy to do. Continue rinsing.
- If eye irritation persists, get medical advice/attention.

Hazard not otherwise classified: None

2.3 Other hazards

Not Applicable

SECTION 3: COMPOSITION/INFORMATION ON INGREDIENTS

3.2 Mixtures

Substance	CAS No.	% Weight*	% Volume
Sodium alkylnaphthalenesulfonate blend	Trade Secret*	5.0% - 10.0%	NA
Benzyl Alcohol	100-51-6	5.0% - 10.0%	NA

*Withheld as a trade secret in accordance with 29 CFR 1910.1200 (i).

SECTION 4: FIRST AID MEASURES

4.1 Description of first aid measures

Inhalation: If inhaled, move to fresh air.

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

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

Ingestion: If ingested, seek immediate 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, CO2 extinguisher, or alcohol resistant foam

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.

6.1.2 For emergency responders

Protective Equipment: Use appropriate personal protective equipment

Emergency Procedures: No emergency procedures.

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. Protect from freezing.

Incompatibilities: Store away from acids and oxidizing agents.

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: Wear appropriate gloves to prevent skin exposure.

Eye Protection: Wear safety glasses or goggles.

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: Amber Liquid
- (b) Odor: Mild odor
- (c) Odor threshold: No data available
- (d) pH: 9.25 to 9.75
- (e) Melting Point/Freezing Point: 0 °C
- (f) Boiling Point: 100 °C
- (g) Flash Point: Not applicable
- (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 acids and strong oxidizing agents

10.6 Hazardous decomposition products

Carbon oxides, nitrogen oxides, and sulfur oxides

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: Severe eye irritant

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: No chemicals in this material are subject to the reporting requirements 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: May 21, 2015

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