



# Safety Data Sheet

## AP-Purple™ Precipitating Material

SDS-CHRM-01

Rev. Number: 3 Rev. Date: Oct 22, 2018

### 1. PRODUCT AND COMPANY IDENTIFICATION

Product Description:	Product Code
AP-Purple™ Precipitating Material	2900-0001
AP-Purple™ Precipitating Material	2900-0002

#### Hazardous Reagent

Product Description listed above

#### Hazardous Reagent Product code

Part Code listed above

#### Recommended Use:

Reagent

#### Contact

#### Manufacturer:

SeraCare Life Sciences  
37 Birch Street  
Milford, MA 01757

#### Phone #:

(508) 244-6400  
US Toll Free: (800) 676-1881

#### Fax #:

(508) 634-3394

#### Web:

www.seracare.com

#### Email:

customerservice@seracare.com

#### Emergency Telephone Numbers:

AUSTRALIA – POISONS INFORMATION CENTER

Telephone: 13 11 26 - Hours: 24 hours

CANADIAN TRANSPORT EMERGENCY CENTER

Telephone: (1 ) 613 996 6666 - Hours: 24 hours/day, 7 days/week

UK – THE NATIONAL FOCUS

Telephone: (44) 029 2041 6388 - Hours: 09:00-17:00 GMT

USA - NATIONAL RESPONSE CENTER

Telephone: (1 ) 800 424 8802 - Hours: 24 hours/day, 7 days/week

#### CHEMTREC:

CHEMTREC Customer Number:- CCN12505\*  
For Chemical Emergency Spill, Leak, Fire, Exposure, or Accident  
Call CHEMTREC Day or Night  
Within USA and Canada: 1-800-424-9300 CCN12505 or  
+1 703-527-3887 (collect calls accepted)

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## 2. HAZARD IDENTIFICATION

<b>Hazard Type</b>	Health hazard – reproductive toxicity
<b>GHS Classification</b>	<b>GHS Classification in accordance with 29 CFR 1910 (OSHA HCS)</b> Reproductive, category 1B; H360 Flammable liquids (Category 3), H226 Acute toxicity, Inhalation (Category 4), H332 Acute toxicity, Dermal (Category 4), H312 Eye irritation (Category 2A), H319
<b>Hazard Statements:</b>	H360 – May damage fertility or the unborn child H226 Flammable liquid and vapor. H312 + H332 Harmful in contact with skin or if inhaled H319 Causes serious eye irritation.
<b>Precautionary Statements:</b>	P201 Obtain special instructions before use. P202 Do not handle until all safety precautions have been read and understood. 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/ ventilating/ lighting/ equipment. P242 Use only non-sparking tools. P243 Take precautionary measures against static discharge. P261 Avoid breathing dust/ fume/ gas/ mist/ vapours/ spray. P264 Wash skin thoroughly after handling. P271 Use only outdoors or in a well-ventilated area. P280 Wear protective gloves/ protective clothing/ eye protection/ face protection. P303 + P361 + P353 IF ON SKIN (or hair): Take off immediately all contaminated clothing. Rinse skin with water/shower. P304 + P340 + P312 IF INHALED: Remove person to fresh air and keep comfortable for breathing. Call a POISON CENTER/doctor if you feel unwell. P305 + P351 + P338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. P308 + P313 IF exposed or concerned: Get medical advice/ attention. P337 + P313 If eye irritation persists: Get medical advice/ attention. P363 Wash contaminated clothing before reuse. P370 + P378 In case of fire: Use dry sand, dry chemical or alcohol-resistant foam to extinguish. P403 + P235 Store in a well-ventilated place. Keep cool. P405 Store locked up. P501 Dispose of contents/ container to an approved waste disposal plant. <b>Hazards not otherwise classified or not covered by GHS:</b> Rapidly absorbed through skin.

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**Symbols and Indications of Danger:**

GHS02

GHS07

GHS08

Danger

**Principle Route of Exposure:**

Eyes, skin

**Acute Effects: Eye**

May cause redness and irritation

**Acute Effects: Skin:**

Prolonged exposure may cause skin irritation

**Acute Effects: Inhalation:**

May be harmful if inhaled in very large quantities.

**Acute Effects: Ingestion:**

May cause adverse effects

**Chronic Effects:**

May damage fertility or the unborn child

**Additional Information:**

Exposure may aggravate those with pre-existing eye, skin, or respiratory conditions

**N,N-Dimethylformamide**

Included in the Candidate List of Substances of Very High Concern (SVHC) according to Regulation (EC) No. 1907/2006 (REACH)

Flam. Liq. 3; Acute Tox. 4; Eye

Irrit. 2A; Repr. 1B; H226, H312

+ H332, H319, H360

90 - 100 %

**3. COMPOSITION/INFORMATION ON INGREDIENTS**

<b><u>Component</u></b>	<b><u>CHEMICAL</u></b>	<b><u>% Weight</u></b>	<b><u>CAS #:</u></b>
AP-Purple™ Precipitating Material	Water	97.04	77-86-1
	N,N-Dimethylformamide	0.6	68-12-2
	Nitrotetrazolium Blue Chloride	0.03	298-83-9
	5-Bromo-4-Chloro-3-Indolyl Phosphate p-Toluidine salt	0.02	6578-06-9
	Proprietary Ingredients*	2.31	N/A

\*Proprietary ingredients, none of which are present amounts greater than 1% for hazardous components or 0.1% for carcinogenic components.

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#### 4. FIRST AID MEASURES

<b>General Advice:</b>	Never give anything by mouth to an unconscious person. If you feel unwell, seek medical advice
<b>Oral Exposure:</b>	Rinse mouth. Refer for medical attention.
<b>Inhalation Exposure:</b>	When symptoms occur: go into open air and ventilate suspected area. Obtain medical attention if breathing difficulty persists.
<b>Skin Exposure:</b>	Remove contaminated clothing. Drench affected area with water for at least 15 minutes. Obtain medical attention if irritation develops or persists.
<b>Eye Exposure:</b>	Rinse cautiously with water for at least 15 minutes. Remove contact lenses, if present and easy to do so. Continue rinsing. Obtain medical attention.

#### 5. FIRE FIGHTING MEASURES

<b>Extinguishing media:</b>	Water spray, dry chemical, foam, carbon dioxide
<b>Unusual Fire and Explosive Hazards:</b>	Not considered flammable but may burn at high temperatures; product is not explosive
<b>Flash Point:</b>	Not Available
<b>Auto ignition Temperature:</b>	Not Available
<b>Flammability Statement:</b>	Not Available
<b>Specific hazards arising from the chemical:</b>	Fire hazard: not considered flammable but may burn at high temperatures Explosion: Product is not explosive Reactivity: Hazardous reactions will not occur under normal conditions
<b>Protective equipment and precautions for firefighters:</b>	In the event of a fire, wear full protective clothing and NIOSH-approved self-contained breathing apparatus with full face-piece operated in the pressure demand or other positive pressure mode.

#### 6. ACCIDENTAL RELEASE MEASURES

<b>Personal Precautions:</b>	Avoid contact with skin, eyes and clothing. Do not breathe vapor, mist or spray
<b>Environmental Precautions:</b>	Prevent entry to sewers and public water
<b>Method of Containment:</b>	Clean up spills with dikes or absorbents to prevent migration and entry into sewers or streams.
<b>Methods of Clean-up:</b>	Clean up of spills immediately and dispose of waste safely. Transfer spilled material to suitable container for disposal. Contact competent authorities after a spill.
<b>Other Information:</b>	Not Available

#### 7. HANDLING AND STORAGE

<b>Handling:</b>	Wash hands and other exposed areas with mild soap and water before eating, drinking, or smoking and when leaving work. Obtain special instructions before use. Do not handle until all safety precautions have been read and understood. Do not breathe mist/vapor/spray. Avoid contact with skin, eyes and clothing.
<b>Storage:</b>	Keep container closed when not in use. Store in a dry, cool place. Keep away from incompatible materials including strong acids, strong bases, strong oxidizers.

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## 8. EXPOSURE CONTROL

<b>Respiratory Protection:</b>	Ventilation, local exhaust; if irritation is experienced, approved respiratory protection should be worn
<b>Eye Protection:</b>	Safety goggles.
<b>Skin Protection:</b>	Protective gloves. Protective clothing.
<b>Ingestion:</b>	When using, do not eat, drink, or smoke.

## 9. PHYSICAL AND CHEMICAL PROPERTIES

<b>Appearance:</b>	Yellow solution
<b>Physical State:</b>	Liquid
<b>Odor:</b>	Not Available
<b>Odor Threshold:</b>	Not Available
<b>pH:</b>	Not Available
<b>Boiling Point:</b>	100 °C
<b>Evaporation Rate:</b>	Not Available
<b>Vapor Density:</b>	Not Available
<b>Vapor Pressure:</b>	Not Available
<b>Relative Density:</b>	Not Available
<b>Auto-Ignition Temperature:</b>	Not Available
<b>Water Solubility:</b>	Completely miscible with water
<b>Flammability:</b>	Not Available
<b>Flash Point:</b>	Not Available
<b>Viscosity:</b>	Not Available
<b>Oxidizing Properties:</b>	Not Available
<b>Explosive Properties:</b>	Not Available
<b>Additional Parameters:</b>	See Datasheet/Product Insert for other Product Information.

## 10. STABILITY AND REACTIVITY

<b>Chemical Stability:</b>	Stable under recommended handling and storage conditions (see section 7)
<b>Conditions to avoid:</b>	Direct sunlight, extremely high or low temperatures, and incompatible materials
<b>Incompatibility Materials to Avoid:</b>	Strong acids, strong bases, strong oxidizers
<b>Hazardous Decomposition Products:</b>	None known
<b>Hazardous Polymerization:</b>	Not available
<b>Possibility of hazardous reactions:</b>	Not Available

## 11. TOXICOLOGY MEASURES

### Acute Toxicity: Not classified

**LD50 Oral:** Not classified

**LD50 Dermal:** Not classified

**LC50 Inhalation:** Not classified

### Chronic Toxicity

**Carcinogenicity:** Not classified

**Irritation:** Not classified

**Corrosivity:** Not classified

**Sensitization:** Not classified

**Neurological Effects:** No Data Available

**Mutagenic Effects:** No Data Available

**Reproductive Effects:** May damage fertility or the unborn child

**Developmental Effects:** No Data Available

**Target Organ Effects:** Not classified

**Other adverse effects:** Not Available

## 12. ECOLOGICAL MEASURES

**Ecotoxicity:** Not classified

**Persistence/Degradability:** Not established

**Mobility in Environmental Media:** Not available

**Bioaccumulation/** N,N-Dimethylformamide (CAS # 68-12-2)

**Accumulation:** BCF Fish 1 0.3 – 1.2

Log Pow -1.028

## 13. DISPOSAL MEASURES

**Waste Disposal Method:** Dispose of contents / container in accordance with local, regional, national, and international regulations.

**Contaminated Packaging:** Avoid contact with skin and clothing. Dispose of in compliance with the respective national and local regulations.

**US EPA Waste Number:** Not Available

## 14. TRANSPORTATION MEASURES

DOT:	Not regulated for transport
IATA:	Not regulated for transport
ADR (road)/ RID (rail):	Not regulated for transport
IMDG (sea):	Not regulated for transport
General Transport Regulations	Not regulated for transport

## 15. REGULATORY MEASURES

**This product is a mixture that may contain one or more hazardous chemicals. The hazardous ingredients listed are only those as required by 29 CFR 1910.1200 (OSHA HCS).**

### **SARA 313**

Section 313 of Title III of the Superfund Amendments and Reauthorization Act of 1986 (SARA). N,N-Dimethylformamide (conc.< 1%); CAS # 68-12-2

### **REACH (EU) 1907/2006**

This Product contains N,N-Dimethylformamide (conc. < 1%); CAS # 68-12-2, included in the Candidate List of Substances of Very High Concern (SVHC)

### **Clean Air Act, Section 112 Hazardous Air Pollutants (HAPs) (See 40 CFR 61)**

This product contains no chemicals which are subject to the reporting requirements of the Clean Air Act.

### **State Regulations**

#### **California Proposition 65:**

This product contains the following Proposition 65 chemicals

This product contains the following Proposition 65 chemicals : N,N-Dimethylformamide. Type of Toxicity: Cancer. CAS no. 68-12-2. Listed: 27 Oct 2017

#### **State Right to Know Act**

Chemical Name	N,N-Dimethylformamide
Massachusetts:	Listed
New Jersey:	Listed
Pennsylvania:	Listed
New York:	Not Applicable
Rhode Island:	Not Applicable

## 16. OTHER INFORMATION

The above information is believed to be accurate, complete and current but does not purport to be all inclusive and shall be used as a guide. SeraCare Life Sciences makes no representation or warranties with respect to the product described herein, including but not limited to any implied warranties or merchantability or fitness for a particular use. SeraCare assumes no liability or responsibility and authorizes no other person to assume any additional liability or responsibility as a result of the use of this product or the information contained in the Safety Data Sheet.