

# Safety Data Sheet (SDS)

## Section 1: Chemical Product and Company Identification

**Cat#:** 1220

**Part Name:** Bluing Tablets

**Supplier:** Decon Inc.

460 Glennie Circle King of Prussia, PA 19406  
SDS Telephone # (610) 755-0800

### Emergency Telephone Numbers

US Chemtrec: (800) 424-9300

Canada: (703) 527-3887

**Identified uses:** Laboratory use

## Section 2: Hazards Identification:

### Hazard Overview

### GHS Classification

Category 2B eye irritant.

**Signal Word: WARNING**



### Hazard and Precautionary Statements

H320 Causes eye irritation  
H303 May be harmful if swallowed

### PRIMARY ROUTE OF EXPOSURE

INHALATION: YES SKIN ABSORPTION: NO INGESTION: NO  
SKIN CONTACT: YES EYE CONTACT: YES

### CARCINOGEN STATUS

IARC: NO NTP: NO OSHA: NO ACGIH: NO

HMIS: 2 1 0 E

### CHRONIC EFFECTS OF OVEREXPOSURE

None Known

### SIGNS AND SYMPTOMS OF OVEREXPOSURE

May be irritating to the eyes, skin, and respiratory tract.

### MEDICAL CONDITIONS AGGRAVATED

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Persons with any pre-existing skin, eye or respiratory condition may be more susceptible to the effects of this product. **PRODUCT:** BLUE VSG CONC

## NFPA Rating

Hazard Ratings:

These ratings are Decon Inc.'s own assessments of the properties of the material using the ANSI/NFPA 704 Standard. Additional information can be found by consulting in the NFPA published ratings lists (List 325 and list 49).

If no data is listed the information is not available

Health 1            Flammability 0            Reactivity 0

## Section 3: Composition/ Information on ingredients

Name	CAS #	% in Product
Acid Blue 9	2650-18-2	< 50

Acid Blue 9 (2650-18-2) > 50 % May be harmful if swallowed. Slight eye irritant.  
The exact ingredient percentages and non-categorized composition has been withheld as a trade secret.

## Section 4: First Aid Measures

GENERAL INFORMATION: IMMEDIATELY REMOVE ALL CONTAMINATED CLOTHING  
EYE CONTACT ..... Wash immediately with large amounts of water for 15 minutes, lifting the upper and lower lids until no evidence of product remain. Get medical attention immediately. Do not wear contact lenses while handling.  
SKIN CONTACT ..... Remove all contaminated clothing immediately. Wash immediately with soap and plenty of water. If a temporary skin reaction occurs, it should be treated as allergic contact dermatitis. Launder contaminated clothing before reuse.  
INGESTION ..... Dilute with water. Get medical attention. Never give fluids or induce vomiting if patient is unconscious or has convulsions.  
INHALATION ..... If inhaled, remove to fresh air. If not breathing, give artificial respiration, preferably mouth to mouth. If breathing is difficult, give oxygen. Call a physician.

## Section 5: Fire-Fighting Measures

FLASH POINT .....Not Applicable  
EXTINGUISHING MEDIA .....CO2 Dry Chemical Foam Water Fog  
SPECIAL FIRE FIGHTING PROCEDURES/UNUSUAL FIRE OR EXPLOSION HAZARDS:  
Firefighters should be equipped with protective clothing & self-contained breathing apparatus to protect against potentially toxic & irritating fumes. In case of fire or explosion, keep unnecessary people away.

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Isolate hazard area & any entry. Stay upwind, out of low areas, and ventilate closed spaces before entering.

ADDITIONAL INFORMATION .....Avoid dusting conditions. May form explosive dust mixtures with air.

## Section 6: Accidental Release measures

IN CASE MATERIAL IS RELEASED/SPILLED:

Avoid formation and deposition of dust. Do not empty into drains or waters. Do not touch or walk through the spilled material: stop leak if you can do it without risk. Take up with sand or other non-combustible absorbent material or suitable vacuum and place into labeled sealable containers. For further disposal measures see section 13.

## Section 7: Handling and Storage

SAFE HANDLING: In accord with good industrial practice. Handle with care and avoid personal contact.

PRODUCT: BLUE VSG CONC

## Section 8: Exposure Controls/ Personal Protection

GENERAL PROTECTIVE MEASURES:

Do not breathe dust. Avoid contact with eyes and skin. Immediately remove all contaminated clothing.

EYE PROTECTION .....Employees should wear protective eye-goggles with side protection shield.

SKIN PROTECTION .....Employees should avoid skin contact by wearing protective clothing. Long sleeve shirts, pants, gloves e.g. of PVC or nitrile rubber, and boots are recommended. Additional protections such as impervious suits are recommended when the potential for dermal contact is significant. Employees should wash their hands and face before eating and drinking and shower thoroughly before leaving work. Keep away from food and drink stuffs.

RESPIRATORY PROTECTION .....Inhalation of dust and aerosols must be absolutely prevented by the use of a NIOSH approved dust respirator.

VENTILATION .....Use local ventilation.

OTHER .....Wear overalls, apron or other protective clothing.

## Section 9: Physical and Chemical Properties

APPEARANCE ..... POWDER

COLOR ..... BLUE

ODOR ..... NONE

ODOR THRESHOLD.....NA

SOLUBILITY IN WATER ..... SOLUBLE

BULK DENSITY..... 0.4 – 0.7 g/ml

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VISCOSITY.....NA  
pH ..... 3.0 – 5.5  
MELTING POINT/FREEZING POINT.....NA  
PARTITION COEFFICIENT: N-OCTANOL/WATER.....ND  
BOILING POINT.....NA  
VAPOR PRESSURE.....NA  
VAPOR DENSITY.....NA  
EVAPORATION RATE.....NA  
FLAMMABILITY.....NA  
FLASH POINT.....NA  
INGINITION TEMP ..... NA  
DECOMPOSITION TEMPERATURE....ND  
UEL.....NA  
LEL.....NA  
% VOLATILE: VALUE: 0.0 UNIT: % COMMENT: **PRODUCT: BLUE VSG CONC**

## Section 10: Stability and Reactivity:

THERMAL DECOMPOSITION: No thermal decomposition when stored and handled correctly.  
HAZARDOUS REACTIONS : None expected  
CHEMICAL STABILITY .....Stable  
INCOMPATIBLE MATERIALS: None  
HAZARDOUS DECOMPOSITION PRODUCTS.....CO<sub>2</sub>, CO, SULFUR OXIDES, NITROGEN OXIDES  
CONDITIONS TO AVOID.....In the case of dusty organic products the possibility of a dust explosion should always be considered. Avoid dusting conditions and sparks/flame.  
HAZARDOUS POLYMERIZATION....Will not occur

## Section 11: Toxicological Information

ANIMAL TOXICITY ORAL - LD<sub>50</sub> (INGESTION).....> 2000 mg/l (RAT)  
FISH, LC<sub>50</sub> .....655 mg/l ( Pimephales Promelas)  
EYE EFFECTS.....SLIGHT-IRRITANT (RABBIT EYE)  
SKIN EFFECTS .....NON-IRRITANT (RABBIT)  
SENSITIZATION .....NOT EXPECTED

## Section 12: Ecological Information

BIODEGRADABILITY: 77 % ( 7 d)  
BACTERIA TOXICITY: ND  
AOX: 0.00 %

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## Section 13: Disposal Considerations

PRODUCT: ..... If utilization or recycling of the product is not possible, it should be disposed of in accordance with existing federal, state and local environmental regulations, e.g. by incineration in a suitable plant.

UNCLEANED PACKAGING: Soiled, empty containers are to be treated in the same way as the contents.

## Section 14: Transportation Information

PROPER SHIPPING NAME: NON-HAZARDOUS INK MATERIAL

D.O.T. HAZARD CLASSIFICATION: NOT REGULATED

FRT. CLASS PACKAGE: 55

IATA (C, P) : NON-HAZARDOUS

IMDG: NON-HAZARDOUS PRODUCT: PERMALON BLUE VSG CONC

## Section 15: Regulatory Information

US REGULATIONS:

TSCA: The components of this product are listed on the TSCA Inventory

SARA 313: This product is not subject to SARA Title III Section 313 reporting requirements under 40 CFR 372.

SARA 312: Immediate (acute) health hazard Yes

Delayed (chronic) health hazard No

Fire hazard No

Sudden Release of Pressure No

Reactivity No

This product is not subject to the German Ordinance that bans certain azo dyes or the 19<sup>th</sup> Amendment of the Council Directive 76/769/EEC.

CALIFORNIA PROPOSITION 65: This product does not contain any components currently on the California list of Known Carcinogens and reproductive Toxins

## Section 16: Other Information

Date of Issue: 1/20/2006

Date of Revision: 12/31/2024R

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**End of Safety Data Sheet**