

Material Safety Data Sheet

according to ANSI Z400.1-2004

Hematology Reagent B Thiazin Stain

Product code: SS-035/049B, SS-035/049B-EU, SS-035/049BG, SS-135/149B (diluted)

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SECTION 1: Identification of the substance/mixture and of the company/undertaking

Product identifier

Hematology Reagent B Thiazin Stain

Further trade names

Hematology Blue Stain
Aqueous Azure B / Methylene Blue Stain

Chemical characterization (Mixture)

Azure B & Methylene Blue in aqueous solution

Details of the supplier of the safety data sheet

Company name:	WESCOR, INC.	
Street:	370 West 1700 South	
Place:	USA Logan, UT 84321	
Telephone:	+1 (435) 752-6011	Telefax: +1 (435) 752-4127
Responsible Department:	QA/RA Department 370 West 1700 South Logan, UT 84321 USA	Tel.: +1 (435) 752-6011 email: qarawescor@elitechgroup.com

Emergency telephone: Tel: +1 (435) 752-6011 (7:00-15:00) USA

SECTION 2: Hazards identification

Route(s) of Entry

Signs and Symptoms of Exposure

Carcinogenicity (NTP):	Dangerous ingredients: none/none
Carcinogenicity (IARC):	Dangerous ingredients: none/none
Carcinogenicity (OSHA):	Dangerous ingredients: none/none

SECTION 3: Composition/information on ingredients

Mixtures

Hazardous components

CAS No.	Components	Quantity
100-51-6	benzyl alcohol	< 1 %
531-55-5	3-methylamino-7-dimethylaminophenothiazin-5-ium chloride (Azure B)	< 0.1 %
9002-93-1	(p-tert-Octylphenoxy) polyethoxyethanol	< 0.1 %
61-73-4	3,7-bis(Dimethylamino)-phenothiazin-5-ium chloride	< 0.1 %

Further Information

Note: This hazard characteristics refer to the properties of pure ingredients, for the identification of the preparation (product), see Section 2 and 15. Product itself does not burn.

SECTION 4: First aid measures

Description of first aid measures

General information

In case of accident or if you feel unwell, seek medical advice immediately (show safety data sheet if possible).

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After inhalation

No special measures are necessary.

After contact with skin

After contact with skin, wash immediately with: Water and soap. If symptoms persist, seek medical advice.

After contact with eyes

In case of contact with eyes, rinse immediately with plenty of flowing water for 10 to 15 minutes holding eyelids apart. Subsequently consult an ophthalmologist.

After ingestion

IF SWALLOWED: Call a POISON CENTER or doctor/physician if you feel unwell.

SECTION 5: Firefighting measures**Extinguishing media****Suitable extinguishing media**

The product itself is not combustible.

Special hazards arising from the substance or mixtureCan be released in case of fire: Carbon monoxide. Carbon dioxide (CO₂).**Advice for firefighters**

Wear a self-contained breathing apparatus and chemical resistant suit.

Additional information

Collect contaminated fire extinguishing water separately. Do not allow entering drains or surface water.

SECTION 6: Accidental release measures**Personal precautions, protective equipment and emergency procedures**

Wear personal protection equipment. (Refer to chapter 8)

Environmental precautions

Dumping into the environment must be prevented.

Methods and material for containment and cleaning upAbsorb with liquid-binding material (e.g. sand, diatomaceous earth, acid- or universal binding agents).
Treat the assimilated material according to the section on waste disposal.**SECTION 7: Handling and storage****Precautions for safe handling****Advice on safe handling**

Wear personal protection equipment. (Refer to chapter 8)

Advice on protection against fire and explosion

No special fire protection measures are necessary.

Further information on handling

Avoid contact with skin, eye and clothing.

Conditions for safe storage, including any incompatibilities**Requirements for storage rooms and vessels**

Keep container tightly closed in a cool, well-ventilated place. Protect against: UV-radiation/sunlight.

Advice on storage compatibility

Do not store together with: Oxidizing solids. Oxidizing liquids. Explosives. Food and fodder

Further information on storage conditions

Maximum period of storage (time): 18M

SECTION 8: Exposure controls/personal protection

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Control parameters

Exposure controls

Protective and hygiene measures

Always close containers tightly after the removal of product. Do not eat, drink, smoke or sneeze at the workplace. Wash hands before breaks and at the end of work.

Respiratory protection

Respiratory protection required in case of:

exceeding critical value

Suitable respiratory protective equipment:

AX gas filtering equipment (EN 141).

Hand protection

Pull-over gloves of rubber. DIN EN 374

Suitable material:

(penetration time (maximum wearing period): \geq 8h):

Butyl rubber. (0,5mm)

(penetration time (maximum wearing period): \geq 4h):

FKM (fluororubber). (0,4mm)

(penetration time (maximum wearing period): \geq 1h):

CR (polychloroprenes, Chloroprene rubber). (0,5mm)

Before using check leak tightness / impermeability. In case of reutilization, clean gloves before taking off and store in well-aired place.

Eye protection

Suitable eye protection: Tightly sealed safety glasses. DIN EN 166

Environmental exposure controls

No special measures are necessary.

SECTION 9: Physical and chemical properties

Information on basic physical and chemical properties

Form:	liquid
Color:	dark blue
Odor:	Faint rose

Test method

Changes in the physical state

Melting point:	0 °C
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Boiling point:	100 °C
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Water solubility:	complete miscible
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SECTION 10: Stability and reactivity

Stability:	Stable
Possibility of Hazardous Reactions:	Will not occur

Conditions to avoid

Keep away from heat.

Incompatible materials

Acid. Alkalis (alkalis). Oxidizing agents, strong.

Hazardous decomposition products

Can be released in case of fire: Carbon monoxide. Carbon dioxide (CO₂).

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SECTION 11: Toxicological information**Information on toxicological effects****Toxicocinetics, metabolism and distribution**

No data available

Irritation and corrosivity

Irritant effect on the eye: slightly irritant but not relevant for classification.

Irritant effect on the skin: slightly irritant but not relevant for classification.

Sensitizing effects

No evidence for: Sensitization

Severe effects after repeated or prolonged exposure

No information available.

Carcinogenic/mutagenic/toxic effects for reproduction

NOEL: No information available.

SECTION 12: Ecological information**Persistence and degradability**

Product is biodegradable.

Bioaccumulative potential

No indication of bio-accumulation potential.

SECTION 13: Disposal considerations**Waste treatment methods****Advice on disposal**

Waste disposal according to official state regulations. Consult the local waste disposal expert about waste disposal. Moreover, national legislation has to be observed!

Contaminated packaging

Cleaned containers may be recycled.

SECTION 14: Transport information**US DOT 49 CFR 172.101****Proper shipping name**

Not a hazardous material with respect to these transport regulations. && Not controlled under DOT.

Land transport (ADR/RID)**Other applicable information**

Not restricted

SECTION 15: Regulatory information**U.S. Regulations****SECTION 16: Other information****Hazardous Materials Information Label (HMIS)**

Health: 1

Flammability: 0

Physical Hazard: 0

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NFPA Hazard Ratings

Health:	1
Flammability:	0
Reactivity:	0
Unique Hazard:	



Changes

30.06.2011 Rev 1.00

Other data

The above information describes exclusively the safety requirements of the product and is based on our present-day knowledge. The information is intended to give you advice about the safe handling of the product named in this safety data sheet, for storage, processing, transport and disposal. The information cannot be transferred to other products. In the case of mixing the product with other products or in the case of processing, the information on this safety data sheet is not necessarily valid for the new made-up material.

(The data for the hazardous ingredients were taken respectively from the last version of the sub-contractor's safety data sheet.)