

Hematology Basofix™ Pre-dip Fixative/Basofix Pre-dip Fixative Concentrate (diluted)

Product code: SS-049P, SS-049P-EU, SS-149P (diluted)

Page 1 of 7

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

Product identifier

Hematology Basofix™ Pre-dip Fixative/Basofix Pre-dip Fixative Concentrate (diluted)

Further trade names

SS-049P Basofix Pre-dip

Chemical characterization (Mixture)

Details of the supplier of the safety data sheet

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

Emergency telephone number

Contact your distributor or poison control center in your country.
 Info Trac Emergency Response: Calls within the USA, phone: 1-800-535-5053
 Calls outside the USA, phone: +1 352-323-3500 (call collect)

Customer ID: #90104 (NOTE: this number is required when a customer calls into either phone number above).

SECTION 2: Hazards identification

Route(s) of Entry

Signs and Symptoms of Exposure

Possible harmful effect(s) on human beings and possible symptom(s): Possible harmful effect(s) on human beings and possible symptom(s): Headache, drowsiness, nausea, vomiting, eye defects.

Ingestion: Toxic: danger of very serious irreversible effects if swallowed. Fatal if swallowed. Inhalation (> 100 ml) If swallowed there is a risk of going blind.

Inhalation: Toxic: danger of very serious irreversible effects through inhalation.

Skin contact: Large-scale skin contact may cause severe poisoning. Has de-greasing effect on the skin.

Repeated exposure may cause skin dryness or cracking.

Carcinogenicity (NTP):

Carcinogenicity (IARC):

Carcinogenicity (OSHA):

SECTION 3: Composition/information on ingredients

Mixtures

Hazardous components

CAS No.	Components	Quantity
67-56-1	methanol	99 %
531-55-5	3-methylamino-7-dimethylaminophenothiazin-5-ium chloride (Azure B)	<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.

SECTION 4: First aid measures

Hematology Basofix™ Pre-dip Fixative/Basofix Pre-dip Fixative Concentrate (diluted)

Product code: SS-049P, SS-049P-EU, SS-149P (diluted)

Page 2 of 7

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).

After inhalation

Provide fresh air. In case of breathing difficulties administer oxygen. In case of irregular breathing or respiratory arrest provide artificial respiration. Immediately get medical attention.

After contact with skin

Remove contaminated clothing immediately and dispose off safely. After contact with skin, wash immediately with: Water and soap. If skin irritation occurs: Get medical advice/attention.

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

Rinse mouth thoroughly with water. Make affected person vomit if conscious. Never give anything by mouth to an unconscious person or a person with cramps. Immediately get medical attention.

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

Water spray.
alcohol resistant foam.
dry extinguishing powder.

Unsuitable extinguishing media

High power water jet.

Special hazards arising from the substance or mixture

Can 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

Use water spray/stream to protect personnel and to cool endangered containers.
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**

Remove all sources of ignition. Provide adequate ventilation.
Wear personal protection equipment. (Refer to section 8)

Environmental precautions

Do not empty into drains or the aquatic environment.
Dumping into the environment must be prevented.

Methods and material for containment and cleaning up

Absorb 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.
Clear contaminated area thoroughly.
Reportable Quantity (RQ) (CWA/CERCLA): 5000 lbs.

Reference to other sections

See protective measures under point 7 and 8.

SECTION 7: Handling and storage

Hematology Basofix™ Pre-dip Fixative/Basofix Pre-dip Fixative Concentrate (diluted)

Product code: SS-049P, SS-049P-EU, SS-149P (diluted)

Page 3 of 7

Precautions for safe handling

Advice on safe handling

Wear suitable protective clothing. (Refer to section 8)
Provide for sufficient ventilation and punctiform suction at critical points.
Use extractor hood (laboratory).

Advice on protection against fire and explosion

Keep away from sources of ignition - No smoking. Take precautionary measures against static discharges.

Further information on handling

Flammable vapours can accumulate in steam space of closed systems.

Conditions for safe storage, including any incompatibilities

Requirements for storage rooms and vessels

Keep container tightly closed and in a well-ventilated place. Recommended storage temperature: 15°-25°C
Unsuitable materials for Container: Base metals and alloys

Advice on storage compatibility

Do not store together with: Organic peroxides. Oxidizing solids. Oxidizing liquids. Food and fodder. Explosives. Substances or mixtures which, in contact with water emit flammable gases. Gases under pressure. Pyrophoric liquids and solids.

Further information on storage conditions

Keep container tightly closed in a cool, well-ventilated place. Protect against: UV-radiation/sunlight.
Maximum period of storage (time): 18 M

SECTION 8: Exposure controls/personal protection

Control parameters

Exposure limits

CAS No.	Components	ppm	mg/m ³	fib/cc	Category	Origin
67-56-1	Methyl alcohol	200	260		TWA (8 h)	PEL
		200	260		TWA (8 h)	REL
		250	325		STEL (15 min)	REL

Exposure controls

Occupational exposure controls

Use extractor hood (laboratory). Provide for sufficient ventilation and punctiform suction at critical points.
Additional information: refer to chapter 7. No further action is necessary.

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. Remove contaminated clothing immediately and dispose off safely. Wash contaminated clothing prior to re-use. Used working clothes should not be used outside the work area. Street clothing should be stored separately from work clothing.

Respiratory protection

Respiratory protection required in case of:
insufficient ventilation.
insufficient absorption.

Suitable respiratory protective equipment: gas filtering equipment (EN 141). : Type: AX

Hand protection

Pull-over gloves of rubber. DIN EN 374

Hematology Basofix™ Pre-dip Fixative/Basofix Pre-dip Fixative Concentrate (diluted)

Product code: SS-049P, SS-049P-EU, SS-149P (diluted)

Page 4 of 7

Suitable material:

(penetration time (maximum wearing period): ≥ 8 h):

Butyl rubber.

(penetration time (maximum wearing period): ≥ 4 h):

FKM (fluororubber).

(penetration time (maximum wearing period): ≥ 1 h):

CR (polychloroprenes, Chloroprene rubber).

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

Skin protection

Suitable protection of the body: Protective apron.

Environmental exposure controls

This material and its' container must be disposed of in a safe way.

SECTION 9: Physical and chemical properties**Information on basic physical and chemical properties**

Form:	liquid
Color:	violet
Odor:	Alcohol.

Test method**Changes in the physical state**

Melting point:	-98 °C
Boiling point:	64 °C
Flash point:	11 °C
Water solubility:	miscible.

SECTION 10: Stability and reactivity

Stability:	Stable
Possibility of Hazardous Reactions:	Will not occur

Conditions to avoid

Keep away from heat.

In case of warming: Explosion hazard. Ignition hazard.

In case of shock or pressure: Explosion hazard. Ignition hazard.

Incompatible materials

Oxidizing agents, strong. acid. Slowly corrodes aluminium and zinc under hydrogen evolution.

Hazardous decomposition productsCan be released in case of fire: Carbon monoxide. Carbon dioxide (CO₂).**SECTION 11: Toxicological information****Information on toxicological effects****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

Hematology Basofix™ Pre-dip Fixative/Basofix Pre-dip Fixative Concentrate (diluted)

Product code: SS-049P, SS-049P-EU, SS-149P (diluted)

Page 5 of 7

Severe effects after repeated or prolonged exposure

Methanol.:
 NOAEL: 270 mg/kg

Carcinogenic/mutagenic/toxic effects for reproduction

Methanol.:
 No evidence for: Carcinogenicity
 No evidence for: Developmental toxicity/teratogenicity
 No evidence for: In-vitro mutagenicity
 During animal experiments no indications of reproductive toxicity were observed.

SECTION 12: Ecological information

Persistence and degradability

Product is biodegradable.

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

Methanol

ID Number: UN1230

Hazard Class or Division: 3

Packing group: II

Label:

Land transport (ADR/RID)

UN number: 1230

UN proper shipping name: METHANOL

Transport hazard class(es): 3

Packing group: II

Hazard label: 3+6.1



Classification Code: FT1

Limited quantity: 1 L

Hazard-no.: 336

Tunnel restriction code: D/E

Other applicable information

Excepted quantity: E2

Inland waterways transport

Material Safety Data Sheet

according to ANSI Z400.1-2004

Hematology Basofix™ Pre-dip Fixative/Basofix Pre-dip Fixative Concentrate (diluted)

Product code: SS-049P, SS-049P-EU, SS-149P (diluted)

Page 6 of 7

UN number: 1230
UN proper shipping name: METHANOL
Transport hazard class(es): 3
Packing group: II
 Hazard label: 3+6.1



Classification Code: FT1
 Limited quantity: 1 L

Other applicable information
 Excepted quantity: E2

Marine transport

UN number: 1230
UN proper shipping name: METHANOL
Transport hazard class(es): 3
Packing group: II
 Hazard label: 3+6.1



Limited quantity: 1 L
 EmS: F-E, S-D

Other applicable information
 Excepted quantity: E2

Air transport

UN/ID number: 1230
UN proper shipping name: METHANOL
Transport hazard class(es): 3
Packing group: II
 Hazard label: 3+6.1



Limited quantity Passenger: 1 L
 IATA-packing instructions - Passenger: 352
 IATA-max. quantity - Passenger: 1 L
 IATA-packing instructions - Cargo: 364
 IATA-max. quantity - Cargo: 60 L

Other applicable information
 Excepted quantity: E2
 Passenger-LQ: Y341

Other applicable information

Exceptions and other: shipped according to ORM-D exceptions 49CFR173.156 (may also be shipped as Class 3, packing group II, UN 1230, limited quantity - 49CFR173.150b)

Material Safety Data Sheet

according to ANSI Z400.1-2004

Hematology Basofix™ Pre-dip Fixative/Basofix Pre-dip Fixative Concentrate (diluted)

Product code: SS-049P, SS-049P-EU, SS-149P (diluted)

Page 7 of 7

SECTION 15: Regulatory information

U.S. Regulations

SARA

Section 313 Toxic Release Chemicals
Methanol (CAS 67-56-1).

SECTION 16: Other information

Hazardous Materials Information Label (HMIS)

Health: 2
Flammability: 3
Physical Hazard: 0

NFPA Hazard Ratings

Health: 2
Flammability: 3
Reactivity: 0
Unique Hazard:



Changes

2014-09-03 Rev. E. Code correction.

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.)