

### SECTION 1: Identification

#### 1.1. GHS Product identifier

Product form : Mixture  
Trade name : Sticky Control Reagent - Staining Solution  
Product code : 05-6100-01

#### 1.2. Other means of identification

No additional information available

#### 1.3. Recommended use of the chemical and restrictions on use

Recommended use : Laboratory chemicals  
Restrictions on use : No information available

#### 1.4. Supplier's details

##### Supplier

Sysmex Partec GmbH  
Arndtstraße 11 a-b  
02826 Görlitz  
T +49 3581 8746-0  
F +49 3581 8746-70  
[info@sysmex-partec.com](mailto:info@sysmex-partec.com)  
[sdb\\_info@umco.de](mailto:sdb_info@umco.de)

##### New Zealand Importer

Sysmex New Zealand Limited  
Level 3, 103 Carlton Gore Rd,  
New Market,  
Auckland 1023,  
New Zealand  
[Tel: +64-9-630-3554 / 0800797639](tel:+64-9-630-3554)  
[Email: regulatory@sysmex.co.nz](mailto:regulatory@sysmex.co.nz)

#### 1.5. Emergency phone number

Emergency number : For Sysmex Suply support or Product Related Enquiries: +64 9 6303554 / 0800797639  
(Mon to Fri – 8.30 am to 5.00 pm)  
For any spillage or clean issues: CHEMCALL 0800 243 622 (24 hours – 365 days)

### SECTION 2: Hazard identification

#### 2.1. Classification of the substance or mixture

##### Classification according to the GHS

Flammable liquids, Category 2	H225
Acute toxicity (oral), Category 3	H301
Acute toxicity (dermal), Category 3	H311
Acute toxicity (inhalation:vapour) Category 3	H331
Serious eye damage/eye irritation, Category 2	H319
Reproductive toxicity, Category 2	H361
Specific target organ toxicity — single exposure, Category 1	H370

#### 2.2. GHS Label elements, including precautionary statements

##### Labelling according to the GHS

Hazard pictograms



Signal word

: Danger

Hazardous ingredients

: Methyl alcohol

Hazard statements

: H225 - Highly flammable liquid and vapour  
H301 - Toxic if swallowed  
H311 - Toxic in contact with skin

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### Precautionary statements

H331 - Toxic if inhaled  
H319 - Causes serious eye irritation  
H361 - Suspected of damaging fertility or the unborn child  
H372 - Causes damage to organs through prolonged or repeated exposure  
P201 - Obtain special instructions before use.  
P202 - Do not handle until all safety precautions have been read and understood.  
P210 - Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking.  
P233 - Keep container tightly closed.  
P240 - Ground and bond container and receiving equipment.  
P241 - Use explosion-proof equipment.  
P242 - Use non-sparking tools.  
P243 - Take action to prevent static discharges.  
P260 - Do not breathe dust/fume/gas/mist/vapours/spray.  
P264 - Wash thoroughly after handling.  
P270 - Do not eat, drink or smoke when using this product.  
P271 - Use only outdoors or in a well-ventilated area.  
P280 - Wear protective gloves/protective clothing/eye protection/face protection/hearing protection.  
P370+P378 - In case of fire: Use suitable extinguishing media to extinguish.  
P301+P310 - IF SWALLOWED: Immediately call a POISON CENTER/doctor.  
P303+P361+P353 - IF ON SKIN (or hair): Take off immediately all contaminated clothing. Rinse skin with water .  
P330 - Rinse mouth.  
P302+P352 - IF ON SKIN: Wash with plenty of water.  
P312 - Call a POISON CENTER/doctor if you feel unwell.  
P361+P364 - Take off immediately all contaminated clothing and wash it before reuse.  
P304+P340 - IF INHALED: Remove person to fresh air and keep comfortable for breathing.  
P311 - Call a POISON CENTER/doctor.  
P305+P351+P338 - IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.  
P337+P313 - If eye irritation persists: Get medical advice/attention.  
P308+P313 - IF exposed or concerned: Get medical advice/attention.  
P314 - Get medical advice/attention if you feel unwell.  
P403+P235 - Store in a well-ventilated place. Keep cool.  
P405 - Store locked up.  
P403+P233 - Store in a well-ventilated place. Keep container tightly closed.  
P501 - Dispose of contents/container in accordance with local/regional/national/international regulation.

### 2.3. Other hazards which do not result in classification

Other hazards not contributing to the classification : No information available

## SECTION 3: Composition/information on ingredients

### 3.1. Substances

Not applicable.

### 3.2. Mixtures

Name	Product identifier	%
Methyl alcohol	CAS-No.: 67-56-1	80 - 100

## SECTION 4: First-aid measures

### 4.1. Description of necessary first-aid measures

First-aid measures general : In case of doubt or persistent symptoms, consult always a physician. Take off immediately all contaminated clothing and wash it before reuse. Call a physician immediately.

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First-aid measures after inhalation	: Remove person to fresh air and keep comfortable for breathing. Call a doctor.
First-aid measures after skin contact	: If skin irritation or rash occurs: Get medical advice/attention. Rinse skin with water/shower. Take off immediately all contaminated clothing.
First-aid measures after eye contact	: 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.
First-aid measures after ingestion	: Never give anything by mouth to an unconscious person. Rinse mouth. Do not induce vomiting. Call a physician immediately.

### 4.2. Most important symptoms/effects, acute and delayed

Symptoms/effects	: Toxic in contact with skin. Toxic if inhaled. Toxic if swallowed. Causes serious eye irritation. Suspected of damaging fertility or the unborn child. Causes damage to organs through prolonged or repeated exposure
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### 4.3. Indication of immediate medical attention and special treatment needed, if necessary

Treat symptomatically.

## SECTION 5: Fire-fighting measures

### 5.1. Suitable extinguishing media

Suitable extinguishing media	: Foam. extinguishing powder. Carbon dioxide. Water spray.
Unsuitable extinguishing media	: High volume water jet.

### 5.2. Specific hazards arising from the chemical

Fire hazard	: Vapours may form explosive mixture with air. Highly flammable liquid and vapour.
Hazardous decomposition products in case of fire	: Carbon oxides (CO, CO <sub>2</sub> ).

### 5.3. Special protective actions for fire-fighters

Firefighting instructions	: Move away from the container and cool with water from a protected position. Do not allow run-off from fire fighting to enter drains or water courses. Fight fire from safe distance and protected location. Eliminate all ignition sources if safe to do so.
Protection during firefighting	: Do not attempt to take action without suitable protective equipment. Self-contained breathing apparatus. Complete protective clothing.

## SECTION 6: Accidental release measures

### 6.1. Personal precautions, protective equipment and emergency procedures

Emergency procedures	: Ventilate spillage area. Keep unnecessary and unprotected personnel away from the spillage. Do not touch or walk on the spilled product. Remove all sources of ignition. Stop leak if safe to do so. No open flames, no sparks, and no smoking. Do not breathe dust/fume/gas/mist/vapours/spray. Avoid contact with skin, eyes and clothing.
Protective equipment	: Do not attempt to take action without suitable protective equipment. For further information refer to section 8: "Exposure controls/personal protection".

### 6.2. Environmental precautions

Avoid release to the environment. Do not discharge into drains or rivers. Prevent soil and water pollution.

### 6.3. Methods and materials for containment and cleaning up

Methods for cleaning up	: Take up liquid spill into absorbent material. Small quantities of liquid spill: take up in non-combustible absorbent material and shovel into container for disposal. For large spills, confine the spill in a dike and charge it with wet sand or earth for subsequent safe disposal. Notify authorities if product enters sewers or public waters.
Other information	: See Section 7 for information on safe handling. See Section 8 for information on personal protection equipment. See Section 13 for disposal information. Dispose of materials or solid residues at an authorized site.

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### SECTION 7: Handling and storage

#### 7.1. Precautions for safe handling

- Precautions for safe handling : Handle in accordance with good industrial hygiene and safety practice. Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking. Ground/bond container and receiving equipment. Use only non-sparking tools. Take precautionary measures against static discharge. Flammable vapours may accumulate in the container. Use explosion-proof equipment. Wear personal protective equipment. Do not breathe dust/fume/gas/mist/vapours/spray. Do not get in eyes, on skin, or on clothing. Use only outdoors or in a well-ventilated area.
- Hygiene measures : Contaminated work clothing should not be allowed out of the workplace. Wash contaminated clothing before reuse. Wash contaminated clothing before reuse. Do not eat, drink or smoke when using this product. Always wash hands after handling the product.

#### 7.2. Conditions for safe storage, including any incompatibilities

- Technical measures : Ground/bond container and receiving equipment.
- Storage conditions : Keep container tightly closed in a cool, well-ventilated place. Containers which are opened should be properly resealed and kept upright to prevent leakage. Store always product in container of same material as original container.
- Incompatible products : Refer to Section 10 on Incompatible Materials.

### SECTION 8: Exposure controls/personal protection

#### 8.1. Control parameters

Methyl alcohol (67-56-1)	
EU - Indicative Occupational Exposure Limit (IOEL)	
Local name	Methanol
IOEL TWA	260 mg/m <sup>3</sup>
IOEL TWA [ppm]	200 ppm
Remark	Possibility of significant uptake through the skin
Regulatory reference	COMMISSION DIRECTIVE 2006/15/EC
India - Occupational Exposure Limits	
PEL (OEL TWA)	260 mg/m <sup>3</sup>
PEL (OEL TWA) [ppm]	200 ppm
PEL (OEL STEL)	310 mg/m <sup>3</sup>
PEL (OEL STEL) [ppm]	250 ppm
Chemical category	Skin notation
USA - ACGIH - Occupational Exposure Limits	
ACGIH OEL TWA [ppm]	200 ppm
ACGIH OEL STEL [ppm]	250 ppm
ACGIH chemical category	Skin - potential significant contribution to overall exposure by the cutaneous route
USA - ACGIH - Biological Exposure Indices	
BEI	15 mg/l Parameter: Methanol - Medium: urine - Sampling time: end of shift (background, nonspecific)

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### 8.2. Appropriate engineering controls

Appropriate engineering controls	: Provide local exhaust or general room ventilation. Emergency eye wash fountains and safety showers should be available in the immediate vicinity of any potential exposure. In case of inadequate ventilation wear respiratory protection. Ensure good ventilation of the work station.
Environmental exposure controls	: Avoid release to the environment.

### 8.3. Individual protection measures, such as personal protective equipment (PPE)

Hand protection	: Chemically resistant protective gloves
Eye protection	: Safety glasses with side shields
Skin and body protection	: Use chemically protective clothing
Respiratory protection	: In case of inadequate ventilation wear respiratory protection.

### 8.4. Exposure limit values for the other components

No additional information available

## SECTION 9: Physical and chemical properties

### 9.1. Basic physical and chemical properties

Physical state	: Liquid
Appearance	: Liquid
Colour	: Red.
Odour	: Not available
Odour threshold	: Not available
pH	: Not available
pH solution	: Not available
Melting point	: Not applicable.
Freezing point	: Not available
Boiling point	: 65 °C
Flash point	: 10 °C (methanol)
Flammability (solid, gas)	: Not applicable.
Lower explosive limit (LEL)	: Not available
Upper explosive limit (UEL)	: Not available
Vapour pressure	: Not available
Density	: 0.79 g/cm <sup>3</sup> (20 °C)
Relative vapour density at 20 °C	: Not available
Solubility	: Not available
Partition coefficient n-octanol/water (Log Kow)	: -0.77
Auto-ignition temperature	: Not available
Decomposition temperature	: Not available
Viscosity, kinematic	: Not available
Explosive properties	: Not explosive
Oxidising properties	: Not oxidising
Particle size	: Not applicable.
Particle size distribution	: Not applicable.
Particle shape	: Not applicable.
Particle aspect ratio	: Not applicable.
Particle specific surface area	: Not applicable.

### 9.2. Data relevant with regard to physical hazard classes (supplemental)

No additional information available

## SECTION 10: Stability and reactivity

### 10.1. Reactivity

Highly flammable liquid and vapour.

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### 10.2. Chemical stability

Stable under normal conditions of use.

### 10.3. Possibility of hazardous reactions

Vapours may form explosive mixture with air.

### 10.4. Conditions to avoid

hot surfaces. Heat. Sources of ignition. flames or sparks.

### 10.5. Incompatible materials

Strong acids. Strong bases. Oxidising agents.

### 10.6. Hazardous decomposition products

No hazardous decomposition products known at room temperature.

## SECTION 11: Toxicological information

### 11.1. Information on toxicological effects

Acute toxicity (oral) : Toxic if swallowed.  
Acute toxicity (dermal) : Toxic in contact with skin.  
Acute toxicity (inhalation) : Toxic if inhaled.

#### Sticky Control Reagent - Staining Solution

ATE (oral)	100 mg/kg bodyweight
ATE (vapours)	3 mg/l/4h

#### Methyl alcohol (67-56-1)

LD50 dermal rabbit	17100 mg/kg
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Skin corrosion/irritation : No data available  
Serious eye damage/irritation : Causes serious eye irritation  
Respiratory or skin sensitisation : No data available  
Germ cell mutagenicity : No data available  
Carcinogenicity : No data available  
Reproductive toxicity : Suspected of damaging fertility or the unborn child  
STOT-single exposure : No data available  
STOT-repeated exposure : Causes damage to organs through prolonged or repeated exposure  
Aspiration hazard : No data available

## SECTION 12: Ecological information

### 12.1. Toxicity

Ecology - general : The product is not considered harmful to aquatic organisms nor to cause long-term adverse effects in the environment.  
Hazardous to the aquatic environment, short-term (acute) : No data available  
Hazardous to the aquatic environment, long-term (chronic) : No data available

#### Methyl alcohol (67-56-1)

LC50 - Fish	15400 mg/l/96h (Lepomis macrochirus) (EPA-660 / 3-75-009)
EC50 - Crustacea	22200 mg/l/48h (Daphnia magna)(OECD 202)
EC50 - Algae	22000 mg/l/96h (Pseudokirchneriella subcapitata)(OECD 201)

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### 12.2. Persistence and degradability

#### Methyl alcohol (67-56-1)

Persistence and degradability	Readily biodegradable. 95%, 20 days
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### 12.3. Bioaccumulative potential

#### Methyl alcohol (67-56-1)

Partition coefficient n-octanol/water (Log Kow)	-0.77
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### 12.4. Mobility in soil

No additional information available

### 12.5. Other adverse effects

Ozone	: Not classified
Other adverse effects	: No additional information available

## SECTION 13: Disposal considerations

### 13.1. Disposal methods

Waste treatment methods	: Dispose in a safe manner in accordance with local/national regulations. Dispose of contents/container in accordance with licensed collector's sorting instructions.
Product/Packaging disposal recommendations	: Dispose in a safe manner in accordance with local/national regulations. Empty containers should be taken for recycling, recovery or waste in accordance with local regulation. Do not re-use empty containers without proper cleaning or reconditioning.
Additional information	: Discharging into rivers and drains is forbidden. Flammable vapours may accumulate in the container.

## SECTION 14: Transport information

In accordance with UN RTDG / IMDG / IATA

UN RTDG	IMDG	IATA
<b>14.1. UN number</b>		
1230	1230	1230
<b>14.2. UN Proper Shipping Name</b>		
METHANOL	METHANOL	Methanol
<b>14.3. Transport hazard class(es)</b>		
3 (6.1)	3 (6.1)	3 (6.1)
<b>14.4. Packing group</b>		
II	II	II
<b>14.5. Environmental hazards</b>		
Dangerous for the environment : No	Dangerous for the environment : No Marine pollutant : No	Dangerous for the environment : No

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### 14.6. Special precautions for user

#### UN RTDG

Special provisions (UN RTDG)	: 279
Limited quantities (UN RTDG)	: 1L
Excepted quantities (UN RTDG)	: E2
Packing instruction (UN RTDG)	: P001, IBC02
Portable tank and bulk container special instructions (UN RTDG)	: T7
Portable tank and bulk container special provisions (UN RTDG)	: TP2

#### IMDG

Special provisions (IMDG)	: 279
Limited quantities (IMDG)	: 1 L
Excepted quantities (IMDG)	: E2
Packing instructions (IMDG)	: P001
IBC packing instructions (IMDG)	: IBC02
Tank instructions (IMDG)	: T7
Tank special provisions (IMDG)	: TP2
EmS-No. (Fire)	: F-E - FIRE SCHEDULE Echo - NON-WATER-REACTIVE FLAMMABLE LIQUIDS
EmS-No. (Spillage)	: S-D - SPILLAGE SCHEDULE Delta - FLAMMABLE LIQUIDS
Stowage category (IMDG)	: B
Flash point (IMDG)	: 12°C c.c.
Properties and observations (IMDG)	: Colourless, volatile liquid. Flashpoint: 12°C c.c. Explosive limits: 6% to 36.5% Miscible with water. Toxic if swallowed; may cause blindness. Avoid skin contact.

#### IATA

PCA Excepted quantities (IATA)	: E2
PCA Limited quantities (IATA)	: Y341
PCA limited quantity max net quantity (IATA)	: 1L
PCA packing instructions (IATA)	: 352
PCA max net quantity (IATA)	: 1L
CAO packing instructions (IATA)	: 364
CAO max net quantity (IATA)	: 60L
Special provisions (IATA)	: A113
ERG code (IATA)	: 3L

### 14.7. Transport in bulk according to IMO instruments

Not applicable.

## SECTION 15: Regulatory information

### 15.1. Safety, health and environmental regulations specific for the product in question

### 15.1. Safety, health and environmental regulations specific for the product in question

#### New Zealand

Approval number: HSR002596

#### Methyl alcohol (67-56-1)

Listed on NZIoC (New Zealand Inventory of Chemicals)



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### National regulations

#### Methyl alcohol (67-56-1)

Listed on the United States Environmental Protection Agency's Toxic Substances Control Act (TSCA)  
Listed on the Canadian DSL (Domestic Substances List)  
Listed on the EEC inventory EINECS (European Inventory of Existing Commercial Chemical Substances)  
Listed introduction on Australian Industrial Chemicals Introduction Scheme (AICIS Inventory)  
Listed on IECSC (Inventory of Existing Chemical Substances Produced or Imported in China)  
Listed on the Japanese ENCS (Existing & New Chemical Substances) inventory  
Listed on the Japanese ISHL (Industrial Safety and Health Law)  
Listed on KECL/KECI (Korean Existing Chemicals Inventory)  
Listed on PICCS (Philippines Inventory of Chemicals and Chemical Substances)  
Listed on INSQ (Mexican National Inventory of Chemical Substances)  
Listed on the TCSI (Taiwan Chemical Substance Inventory)

### SECTION 16: Other information

Issue date	: 24/10/2021
Revision date	: 07/11/2022
Revision note	: Concentration of ingredient, classification updated.
Abbreviations and acronyms	: CAS-No. - Chemical Abstract Service number BCF - Bioconcentration factor EC50 - Median effective concentration EC-No. - European Community number IARC - International Agency for Research on Cancer IATA - International Air Transport Association IMDG - International Maritime Dangerous Goods LC50 - Median lethal concentration LD50 - Median lethal dose SDS - Safety Data Sheet N.O.S. - Not Otherwise Specified
Training advice	: Normal use of this product shall imply use in accordance with the instructions on the packaging.

This information is based on our current knowledge and is intended to describe the product for the purposes of health, safety and environmental requirements only. It should not therefore be construed as guaranteeing any specific property of the product.