CyFlow™ BrettCount Solution G

Safety Data Sheet

according to Hazardous Substances and New Organisms Act 1996 & Hazardous Substances (Safety Data Sheets) Notice 2017
Issue date: 11/03/2021 Revision date: 11/03/2021 Version: 1.0

SECTION 1: Identification

1.1. GHS Product identifier

Product form	:	Mixture
Trade name	:	CyFlow™ BrettCount Solution G
Product code	:	05-6002

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
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
Email: regulatory@sysmex.co.nz

1.5. Emergency phone number

Emergency number	:	For Sysmex Supply Chain support or Product Related Enquiries: +64 9 6303554 / 0800797639 (Mon to Fri – 8.30 am to 5.00 pm) For any spillage or clean up 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

Not classified

2.2. GHS Label elements, including precautionary statements

Labelling according to the GHS

Hazard pictograms	:	None
Signal word	:	None
Hazard statements	:	None
Precautionary statements	:	None

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

This mixture does not contain any substances to be mentioned according to the applicable regulations

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.

First-aid measures after inhalation : Remove person to fresh air and keep comfortable for breathing.

First-aid measures after skin contact : Wash skin with plenty of water.

First-aid measures after eye contact : Remove contact lenses, if present and easy to do. Continue rinsing. Rinse cautiously with water for several minutes.

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

No additional information available

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

Hazardous decomposition products in case of fire : Carbon oxides (CO, CO2).

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.

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. Avoid breathing dust/fume/gas/mist/vapours/spray. Avoid contact with skin and eyes. 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.

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. Advise local authorities if considered necessary.

6.3. Methods and materials for containment and cleaning up

Methods for cleaning up : 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.

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.

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. Ensure good ventilation of the work station. Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking. Wear personal protective equipment. Avoid breathing dust/fume/gas/mist/vapours/spray. Avoid contact with skin and eyes.

Hygiene measures : Do not eat, drink or smoke when using this product. Always wash hands after handling the product. Contaminated work clothing should not be allowed out of the workplace. Wash contaminated clothing before reuse.

7.2. Conditions for safe storage, including any incompatibilities

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.

Storage temperature : 2 – 8 °C

SECTION 8: Exposure controls/personal protection

8.1. Control parameters

No additional information available

8.2. Appropriate engineering controls

Appropriate engineering controls : Ensure good ventilation of the work station. 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.

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
butyl rubber

Eye protection : Safety glasses with side shields

Skin and body protection : Use chemically protective clothing

Respiratory protection : In case of insufficient ventilation, wear suitable respiratory equipment

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. Clear

Colour : Not available

Odour	:	Characteristic
Odour threshold	:	Not available
pH	:	Not available
pH solution	:	Not available
Melting point	:	Not applicable.
Freezing point	:	Not available
Boiling point	:	Not available
Flash point	:	Not available
Flammability (solid, gas)	:	Not applicable.
Lower explosive limit (LEL)	:	Not available
Upper explosive limit (UEL)	:	Not available
Vapour pressure	:	23 hPa
Relative density	:	Not available
Relative vapour density at 20 °C	:	Not available
Solubility	:	Completely miscible in water
Partition coefficient n-octanol/water (Log Kow)	:	Not available
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

The product is non-reactive under normal conditions of use, storage and transport.

10.2. Chemical stability

Stable under normal conditions of use.

10.3. Possibility of hazardous reactions

No dangerous reactions known under normal conditions of use.

10.4. Conditions to avoid

None under normal use.

10.5. Incompatible materials

Oxidizing agent.

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)	:	No data available
Acute toxicity (dermal)	:	No data available
Acute toxicity (inhalation)	:	No data available
Skin corrosion/irritation	:	No data available

Serious eye damage/irritation	:	No data available
Respiratory or skin sensitisation	:	No data available
Germ cell mutagenicity	:	No data available
Carcinogenicity	:	No data available
Reproductive toxicity	:	No data available
STOT-single exposure	:	No data available
STOT-repeated exposure	:	No data available
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

12.2. Persistence and degradability

No additional information available

12.3. Bioaccumulative potential

No additional information available

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.

SECTION 14: Transport information

In accordance with UN RTDG / IMDG / IATA

UN RTDG	IMDG	IATA
14.1. UN number		
Not regulated for transport		
14.2. UN Proper Shipping Name		
Not applicable.	Not applicable.	Not applicable.
14.3. Transport hazard class(es)		
Not applicable.	Not applicable.	Not applicable.

UN RTDG	IMDG	IATA
14.4. Packing group		
Not applicable.	Not applicable.	Not applicable.
14.5. Environmental hazards		
Dangerous for the environment : No	Dangerous for the environment : No Marine pollutant : No	Dangerous for the environment : No

14.6. Special precautions for user

UN RTDG

No data available

IMDG

No data available

IATA

No data available

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

No additional information available

SECTION 16: Other information

Issue date : 03/11/2021

Revision date : 03/11/2021

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.