

KIT SAFETY DATA SHEET



Kit Product Name qUnify Advance Control

Kit Catalog Number(s) 12007028, 12007029

Revision date 28-Jun-2021

Kit Contents

| Catalog Number(s) | Product Name |
|-------------------|--------------------------------|
| | qUnify Advance Control Level 1 |
| | qUnify Advance Control Level 2 |

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Revision date 28-Jun-2021

Revision Number 1

1. Identification

Product Identifier

Product Name qUnify Advance Control, Level 1

Other means of identification

Recommended use of the chemical and restrictions on use

Recommended use In vitro diagnostic

Details of the supplier of the safety data sheet

Corporate Headquarters
Bio-Rad Laboratories Inc.
1000 Alfred Nobel Drive
Hercules, CA 94547
USA

Manufacturer Address
Bio-Rad Laboratories Inc.
9500 Jeronimo Road
Irvine, California 92618
USA

Legal Entity / Contact Address
Bio-Rad Laboratories Inc.
9500 Jeronimo Road
Irvine, California 92618
USA

Technical Service

1(800) 854-6737
qsdltechservice@bio-rad.com

Emergency telephone number

24 Hour Emergency Phone Number CHEMTREC USA: 1 (800) 424-9300

2. Hazard(s) Identification

Classification

Skin sensitization

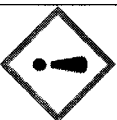
Category 1A

Hazards not otherwise classified (HNOC)
Not applicable

Label elements

Warning

Hazard statements
May cause an allergic skin reaction



Appearance Clear to slightly cloudy

Physical state Liquid

Odor Odorless

Precautionary Statements - Prevention

Skin and body protection Wear suitable protective clothing.

Respiratory protection No protective equipment is needed under normal use conditions. If exposure limits are exceeded or irritation is experienced, ventilation and evacuation may be required.

General hygiene considerations Follow universal and standard precautions for handling potentially infectious materials.

9. Physical and chemical properties

Information on basic physical and chemical properties

Physical state Liquid
 Appearance Clear to slightly cloudy
 Color yellow
 Odor Odorless
 Odor threshold No information available

Property

Values

pH

5.0-6.0

Melting point / freezing point

No data available

Boiling point / boiling range

No data available

Flash point

No data available

Evaporation rate

No data available

Flammability (solid, gas)

No data available

Flammability Limit in Air

No data available

Upper flammability or explosive limits

No data available

Lower flammability or explosive limits

No data available

Vapor pressure

No data available

Vapor density

No data available

Relative density

No data available

Water solubility

Miscible in water

Solubility in other solvents

No data available

Partition coefficient

No data available

Autotignition temperature

None known

Decomposition temperature

None known

Kinematic viscosity

None known

Dynamic viscosity

None known

Remarks • Method

Not applicable
 None known
 None known
 None known
 None known
 None known
 None known

Other information
 Explosive properties Not applicable
 Oxidizing properties Not applicable
 Softening point Not applicable
 Molecular weight Not applicable
 VOC Content (%) Not applicable

10. Stability and reactivity

Reactivity No information available

Chemical stability Stable under normal conditions.

Possibility of hazardous reactions None under normal processing.

Conditions to avoid None known based on information supplied.

Incompatible materials None known based on information supplied.

Hazardous decomposition products None known based on information supplied.

11. Toxicological information

Information on likely routes of exposure

Product Information

Inhalation Specific test data for the substance or mixture is not available.

Eye contact Specific test data for the substance or mixture is not available.

Skin contact May cause sensitization by skin contact. Specific test data for the substance or mixture is not available. Repeated or prolonged skin contact may cause allergic reactions with susceptible persons. (based on components).

Ingestion Specific test data for the substance or mixture is not available.

Symptoms related to the physical, chemical and toxicological characteristics

Symptoms

Itching, Rashes, Hives

Acute toxicity

Numerical measures of toxicity

The following values are calculated based on chapter 3.1 of the GHS document

| Component Information | Oral LD50 | Dermal LD50 | Inhalation LC50 |
|---|--------------------|-------------|-----------------|
| Chemical name 5-Chloro-2-methyl-3(2H)-isothiazolo-2-one, mixture with 2-methyl-3(2H)-isothiazolo-5,5-dione | = 53 mg/kg (Rat) | | |

Delayed and immediate effects as well as chronic effects from short and long-term exposure

Skin corrosion/irritation Based on available data, the classification criteria are not met.

Serious eye damage/eye irritation Based on available data, the classification criteria are not met.

Respiratory or skin sensitization May cause sensitization by skin contact.

Germ cell mutagenicity Based on available data, the classification criteria are not met.

Carcinogenicity Based on available data, the classification criteria are not met.

Reproductive toxicity Based on available data, the classification criteria are not met.

STOT - single exposure Based on available data, the classification criteria are not met.

STOT - repeated exposure Based on available data, the classification criteria are not met.

Aspiration hazard No information available.

Other adverse effects No information available.

Interactive effects No information available.

12. Ecological information

SAFETY DATA SHEET



Revision date 28-Jun-2021

Revision Number 1

Revision Note
Discontinued
 Significant changes throughout SDS. Review all sections.
 The information provided in this Safety Data Sheet is correct to the best of our knowledge, information and belief at the date of its publication. The information given is designed only as a guidance for safe handling, use, processing, storage, transportation, disposal and release and is not to be considered a warranty or quality specification. The information relates only to the specific material designated and may not be valid for such material used in combination with any other materials or in any process, unless specified in the text.

End of Safety Data Sheet

1. Identification

Product identifier

Product Name

qUantify Advance Control, Level 2

Other means of identification

Recommended use of the chemical and restrictions on use

Recommended use

In vitro diagnostic

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2. Hazard(s) identification

Classification

Skin sensitization

Category 1A

Hazards not otherwise classified (HNOC)
 Not applicable

Label elements

Warning

Hazard statements

May cause an allergic skin reaction



Eye/face protection Wear safety glasses with side shields (or goggles).
 Hand protection Wear suitable gloves.
 Skin and body protection Wear suitable protective clothing.
 Respiratory protection No protective equipment is needed under normal use conditions. If exposure limits are exceeded or irritation is experienced, ventilation and evacuation may be required.
 General hygiene considerations Follow universal and standard precautions for handling potentially infectious materials.

9. Physical and chemical properties

Information on basic physical and chemical properties

| Property | Values | Remarks • Method |
|--|--|------------------|
| Physical state | Liquid | |
| Appearance | Clear to slightly cloudy | |
| Color | orange | |
| Odor | Odorless | |
| Odor threshold | No information available | |
| pH | 7.0-9.0 | |
| Melting point / freezing point | No data available | None known |
| Boiling point / boiling range | No data available | None known |
| Flash point | No data available | None known |
| Evaporation rate | No data available | None known |
| Flammability (solid, gas) | No data available | None known |
| Flammability Limit in Air | Upper flammability or explosive limits | None known |
| Lower flammability or explosive limits | No data available | |
| Vapor pressure | No data available | None known |
| Vapor density | No data available | None known |
| Relative density | No data available | None known |
| Water solubility | Miscible in water | |
| Solubility in other solvents | No data available | None known |
| Partition coefficient | No data available | None known |
| Autopignition temperature | No data available | None known |
| Decomposition temperature | No data available | None known |
| Kinematic viscosity | No data available | None known |
| Dynamic viscosity | No data available | None known |
| Other information | | |
| Explosive properties | Not applicable | |
| Oxidizing properties | Not applicable | |
| Softening point | Not applicable | |
| Molecular weight | Not applicable | |
| VOC Content (%) | Not applicable | |

10. Stability and reactivity

Reactivity No information available.
 Chemical stability Stable under normal conditions.
 Possibility of hazardous reactions None under normal processing.
 Conditions to avoid None known based on information supplied.
 Incompatible materials None known based on information supplied.

Hazardous decomposition products None known based on information supplied.

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Delayed and immediate effects as well as chronic effects from short and long-term exposure

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 Other adverse effects No information available.
 Interactive effects No information available.

Prepared By Bio-Rad Laboratories, Environmental Health and Safety

Revision date 28-Jun-2021

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End of Safety Data Sheet