

SAFETY DATA SHEET

according to REACH Regulation (EC) No. 1907/2006, as amended by UK REACH Regulations SI 2019/758



n-Butyric acid FI
11960

Version / Revision
Supersedes Version

2.01
2.00***

Revision Date
Issuing date

27-Jan-2023
27-Jan-2023

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

1.1. Product identifier

Identification of the substance/preparation

n-Butyric acid FI

Chemical Name n-Butyric acid
CAS-No 107-92-6
EC No. 203-532-3

1.2. Relevant identified uses of the substance or mixture and uses advised against

Identified uses Feed Additive according to Regulation 1831/2003/EC
Uses advised against None

1.3. Details of the supplier of the safety data sheet

Company/Undertaking Identification **OQ Chemicals GmbH**
Rheinpromenade 4A
D-40789 Monheim
Germany

Product Information Product Stewardship
FAX: +49 (0)208 693 2053
email: sc.psq@oq.com

1.4. Emergency telephone number

Emergency telephone number +44 (0) 1235 239 670 (UK)
available 24/7

SECTION 2: Hazards identification

2.1. Classification of the substance or mixture

This substance is classified based on Directive 1272/2008/EC and its amendments (CLP Regulation)

Acute oral toxicity Category 4, H302
Skin corrosion/irritation Category 1B, H314
Serious eye damage/eye irritation Category 1, H318

Additional information

For full text of Hazard- and EU Hazard-statements see SECTION 16.

2.2. Label elements

Labelling according to Regulation 1272/2008/EC and its amendments (CLP Regulation).

Hazard pictograms

SAFETY DATA SHEET

according to REACH Regulation (EC) No. 1907/2006, as amended by UK REACH Regulations SI 2019/758



**n-Butyric acid FI
11960**

Version / Revision

2.01



Signal word

Danger

Hazard statements

H302: Harmful if swallowed.
H314: Causes severe skin burns and eye damage.

Precautionary statements

P233: Keep container tightly closed.
P260: Do not breathe gas/mist/vapours.
P280: Wear protective gloves/protective clothing/eye protection/face protection.
P301 + P330 + P331: IF SWALLOWED: Rinse mouth. Do NOT induce vomiting.
P303 + P361 + P353: IF ON SKIN (or hair): Take off immediately all contaminated clothing. Rinse skin with water or shower.
P305 + P351 + P338: IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
P310: Immediately call a POISON CENTER/doctor.

2.3. Other hazards

Vapours may form explosive mixture with air
Components of the product may be absorbed into the body by inhalation

PBT and vPvB assessment

This substance is not considered to be persistent, bioaccumulating nor toxic (PBT), nor very persistent nor very bioaccumulating (vPvB)

Endocrine disrupting assessments

The substance is not listed on the candidate list according to Art. 59(1), REACH.
The substance was not assessed as having endocrine disrupting properties according to regulation 2017/2100/EU or 2018/605/EU.

SECTION 3: Composition / information on ingredients

3.1. Substances

Component	CAS-No	1272/2008/EC	Concentration (%)
Butyric acid	107-92-6	Acute Tox. 4; H302 Skin Corr. 1B; H314 Eye Dam. 1; H318 ATE = 1630 mg/kg (oral)	> 99,5

For full text of Hazard- and EU Hazard-statements see SECTION 16.

SECTION 4: First aid measures

4.1. Description of first aid measures

Inhalation

Keep at rest. Aerate with fresh air. When symptoms persist or in all cases of doubt seek medical advice.

Skin

SAFETY DATA SHEET

according to REACH Regulation (EC) No. 1907/2006, as amended by UK REACH Regulations SI 2019/758



**n-Butyric acid FI
11960**

Version / Revision 2.01

Wash off immediately with soap and plenty of water. When symptoms persist or in all cases of doubt seek medical advice.

Eyes

Rinse immediately with plenty of water, also under the eyelids, for at least 15 minutes. Remove contact lenses. Immediate medical attention is required.

Ingestion

Call a physician immediately. Do not induce vomiting without medical advice.

4.2. Most important symptoms and effects, both acute and delayed

Main symptoms

nausea, vomiting, convulsions, shortness of breath, discomfort.

Special hazard

Lung irritation, Stomach perforation, Lung oedema, Methemoglobinemia.

4.3. Indication of any immediate medical attention and special treatment needed

General advice

Remove contaminated, soaked clothing immediately and dispose of safely. First aider needs to protect himself.

Treat symptomatically. If ingested, flush stomach and compensate acidosis.

SECTION 5: Firefighting measures

5.1. Extinguishing media

Suitable extinguishing media

foam, dry chemical, carbon dioxide (CO₂), water spray

Unsuitable Extinguishing Media

Do not use a solid water stream as it may scatter and spread fire.

5.2. Special hazards arising from the substance or mixture

Under conditions giving incomplete combustion, hazardous gases produced may consist of:

carbon monoxide (CO)

carbon dioxide (CO₂)

Combustion gases of organic materials must in principle be graded as inhalation poisons

Vapours are heavier than air and may spread along floors

Vapours may form explosive mixture with air

5.3. Advice for firefighters

Special protective equipment for firefighters

Fire fighter protection should include a self-contained breathing apparatus (NIOSH-approved or EN 133) and full fire-fighting turn out gear.

Precautions for firefighting

Keep people away from and upwind of fire. Cool containers / tanks with water spray. Water run-off and vapor cloud may be corrosive. Dike and collect water used to fight fire.

SECTION 6: Accidental release measures

SAFETY DATA SHEET

according to REACH Regulation (EC) No. 1907/2006, as amended by UK REACH Regulations SI 2019/758



**n-Butyric acid FI
11960**

Version / Revision 2.01

6.1. Personal precautions, protective equipment and emergency procedures

For non-emergency personnel: For personal protective equipment see section 8. Avoid contact with skin and eyes. Avoid breathing vapors or mists. Keep people away from and upwind of spill/leak. Ensure adequate ventilation, especially in confined areas. Keep away from heat and sources of ignition.

For emergency responders: Personal protection see section 8.

6.2. Environmental precautions

Prevent further leakage or spillage. Do not discharge product into the aquatic environment without pretreatment (biological treatment plant).

6.3. Methods and material for containment and cleaning up

Methods for containment

Stop the flow of material, if possible without risk. Dike spilled material, where this is possible.

Methods for cleaning up

Soak up with inert absorbent material. Keep in suitable, closed containers for disposal. If liquid has been spilt in large quantities clean up promptly by scoop or vacuum. Dispose of in accordance with local regulations. Take necessary action to avoid static electricity discharge (which might cause ignition of organic vapours).

6.4. Reference to other sections

For personal protective equipment see section 8.

SECTION 7: Handling and storage

7.1. Precautions for safe handling

Further info may be available in the appropriate Exposure scenarios in the annex to this SDS.

Advice on safe handling

Avoid contact with skin, eyes and clothing. Wash hands before breaks and immediately after handling the product. Provide sufficient air exchange and/or exhaust in work rooms.

Hygiene measures

When using, do not eat, drink or smoke. Take off all contaminated clothing immediately. Wash hands before breaks and immediately after handling the product.

Advice on the protection of the environment

See Section 8: Environmental exposure controls.

Incompatible products

bases
amines
strong oxidizing agents

7.2. Conditions for safe storage, including any incompatibilities

Advice on protection against fire and explosion

Keep away from sources of ignition - No smoking. Take necessary action to avoid static electricity discharge (which might cause ignition of organic vapours). In case of fire, emergency cooling with water spray should be available. Ground and bond containers when transferring material. Vapours may form explosive mixture with air.

SAFETY DATA SHEET

according to REACH Regulation (EC) No. 1907/2006, as amended by UK REACH Regulations SI 2019/758



n-Butyric acid FI
11960

Version / Revision 2.01

Technical measures/Storage conditions

Keep containers tightly closed in a cool, well-ventilated place. Handle and open container with care.

Suitable material

stainless steel, Polyethylene

Unsuitable material

iron

Temperature class

T2

7.3. Specific end use(s)

Feed Additive according to Regulation 1831/2003/EC

SECTION 8: Exposure controls / personal protection

8.1. Control parameters

Exposure limits European Union

No exposure limits established

Exposure limits UK

No exposure limits established.

DNEL & PNEC

Butyric acid, CAS: 107-92-6 Workers

DN(M)EL - long-term exposure - systemic effects - Inhalation

36,8 mg/m³

DN(M)EL - acute / short-term exposure - systemic effects - Inhalation

No hazard identified

DN(M)EL - long-term exposure - local effects - Inhalation

Hazard unknown (no further information necessary)

DN(M)EL - acute / short-term exposure - local effects - Inhalation

High hazard (no threshold derived)

DN(M)EL - long-term exposure - systemic effects - Dermal

2,67 mg/kg bw/day

DN(M)EL - acute / short-term exposure - systemic effects - Dermal

No hazard identified

DN(M)EL - long-term exposure - local effects - Dermal

Hazard unknown (no further information necessary)

DN(M)EL - acute / short-term exposure - local effects - Dermal

High hazard (no threshold derived)

DN(M)EL - local effects - eyes

High hazard (no threshold derived)

General population

DN(M)EL - long-term exposure - systemic effects - Inhalation

9,15 mg/m³

DN(M)EL - acute / short-term exposure - systemic effects - Inhalation

No hazard identified

SAFETY DATA SHEET

according to REACH Regulation (EC) No. 1907/2006, as amended by UK REACH Regulations SI 2019/758



n-Butyric acid FI
11960

Version / Revision 2.01

DN(M)EL - long-term exposure - local effects - Inhalation

Hazard unknown (no further information necessary)

DN(M)EL - acute / short-term exposure - local effects - Inhalation

High hazard (no threshold derived)

DN(M)EL - long-term exposure - systemic effects - Dermal

0,66 mg/kg bw/day

DN(M)EL - acute / short-term exposure - systemic effects - Dermal

No hazard identified

DN(M)EL - long-term exposure - local effects - Dermal

Hazard unknown (no further information necessary)

DN(M)EL - acute / short-term exposure - local effects - Dermal

High hazard (no threshold derived)

DN(M)EL - long-term exposure - systemic effects - Oral

0,66 mg/kg bw/day

DN(M)EL - acute / short-term exposure - systemic effects - Oral

No hazard identified

DN(M)EL - local effects - eyes

High hazard (no threshold derived)

Environment

PNEC aqua - freshwater

0,0451 mg/l

PNEC aqua - marine water

0,0045 mg/l

PNEC aqua - intermittent releases

0,451 mg/l

PNEC STP

51 mg/l

PNEC sediment - freshwater

0,368 mg/kg dw

PNEC sediment - marine water

0,0367 mg/kg dw

PNEC Air

No hazard identified

PNEC soil

0,047 mg/kg dw

Secondary poisoning

No potential to cause toxic effects if accumulated (in higher organisms) via the food chain

8.2. Exposure controls

Special adaptations (REACH)

This substance is exempted from REACH (1907/2006).

Appropriate Engineering controls

General or dilution ventilation is frequently insufficient as the sole means of controlling employee exposure. Local ventilation is usually preferred. Explosion-proof equipment (for example fans, switches, and grounded ducts) should be used in mechanical ventilation systems.

Personal protective equipment

General industrial hygiene practice

Avoid contact with skin, eyes and clothing. Do not breathe vapours or spray mist. Ensure that eyewash stations and safety showers are close to the workstation location.

Hygiene measures

When using, do not eat, drink or smoke. Take off all contaminated clothing immediately. Wash hands before breaks and immediately after handling the product.

Eye protection

Tightly fitting safety goggles. In addition to goggles, wear a face shield if there is a reasonable chance for splash to the face.

Equipment should conform to EN 166

Hand protection

SAFETY DATA SHEET

according to REACH Regulation (EC) No. 1907/2006, as amended by UK REACH Regulations SI 2019/758



**n-Butyric acid FI
11960**

Version / Revision 2.01

Wear protective gloves. Recommendations are listed below. Other protective material may be used, depending on the situation, if adequate degradation and permeation data is available. If other chemicals are used in conjunction with this chemical, material selection should be based on protection for all chemicals present.

Suitable material	butyl-rubber
Evaluation	according to EN 374: level 6
Glove thickness	approx 0,7 mm
Break through time	approx 480 min

Suitable material	nitrile rubber
Evaluation	according to EN 374: level 6
Glove thickness	approx 0,55 mm
Break through time	> 480 min

Skin and body protection

Impervious clothing. Wear face-shield and protective suit for abnormal processing problems.

Respiratory protection

Respirator with A filter. Full mask with above mentioned filter according to producers using requirements or self-contained breathing apparatus. Equipment should conform to EN 136 or EN 140 and EN 143.

Environmental exposure controls

If possible use in closed systems. If leakage can not be prevented, the substance needs to be suck off at the emersion point, if possible without danger. Observe the exposure limits, clean exhaust air if needed. If recycling is not practicable, dispose of in compliance with local regulations. Inform the responsible authorities in case of leakage into the atmosphere, or of entry into waterways, soil or drains.

SECTION 9: Physical and chemical properties

9.1. Information on basic physical and chemical properties

Physical state	liquid
Colour	colourless
Odour	foul smelling
Odour threshold	0,001 mg/m ³
Melting point/freezing point	-7 °C (Freezing Point)
Method	DIN ISO 3016
Boiling point or initial boiling point and boiling range	164 °C @ 1013 hPa
Method	OECD 103
Flammability	Even if not classified as flammable, the product is capable of catching fire or being set on fire.***
Lower explosion limit	2 Vol %
Upper explosion limit	10 Vol %
Flash point	71 °C @ 1013 hPa
Method	ISO 2719
Autoignition temperature	435 °C
Method	DIN 51794
Decomposition temperature	No data available
pH	2 (50 % in water @ 20 °C (68 °F)) DIN 19268
Kinematic Viscosity	1,745 mm ² /s @ 20 °C
Method	DIN 51562
Solubility	miscible, in water, OECD 105
Partition coefficient n-octanol/water (log value)	1,1 (measured) OECD 117

SAFETY DATA SHEET

according to REACH Regulation (EC) No. 1907/2006, as amended by UK REACH Regulations SI 2019/758



n-Butyric acid FI
11960

Version / Revision

2.01

Vapour pressure

Values [hPa]	Values [kPa]	Values [atm]	@ °C	@ °F	Method
1	0,1	0,001	20	68	DIN EN 13016-2
9	0,9	0,009	50	122	DIN EN 13016-2

Density and/or relative density

Values	@ °C	@ °F	Method
0,957	20	68	DIN 51757

Relative vapour density 3,0 (Air = 1) @ 20 °C (68 °F)

Particle characteristics not applicable

9.2. Other information

Explosive properties	Does not apply, substance is not explosive. There are no chemical groups associated with explosive properties
Oxidizing properties	Does not apply, substance is not oxidising. There are no chemical groups associated with oxidizing properties
Molecular weight	88,11
Molecular formula	C4 H8 O2
log Koc	1,69 calculated
Dissociation constant	pKa 4,9 @ 21 °C (69,8 °F) OECD 112
Refractive index	1,398 @ 20 °C
Surface tension	68,5 mN/m (1 g/l @ 20°C (68°F)), OECD 115
Evaporation rate	No data available

SECTION 10: Stability and Reactivity

10.1. Reactivity

The reactivity of the product corresponds to the typical reactivity shown by the substance group as described in any text book on organic chemistry.

10.2. Chemical stability

Stable under recommended storage conditions.

10.3. Possibility of hazardous reactions

Vapours may form explosive mixture with air.

10.4. Conditions to avoid

Avoid contact with heat, sparks, open flame and static discharge. Avoid any source of ignition.

10.5. Incompatible materials

bases, amines, strong oxidizing agents.

10.6. Hazardous decomposition products

No decomposition if stored and applied as directed.

SECTION 11: Toxicological information

SAFETY DATA SHEET

according to REACH Regulation (EC) No. 1907/2006, as amended by UK REACH Regulations SI 2019/758



n-Butyric acid FI
11960

Version / Revision 2.01

11.1. Information on hazard classes as defined in Regulation (EC) No 1272/2008

Likely routes of exposure Ingestion, Inhalation, Eye contact, Skin contact

Acute toxicity				
Butyric acid (107-92-6)				
Routes of Exposure	Endpoint	Values	Species	Method
Oral	LD50	1630 mg/kg	rat, male/female	OECD 401
Dermal	LD50	6096 mg/kg	rabbit male	OECD 402
Inhalative	LC0	5,1 mg/l (4h)	rat, male/female	OECD 403

Butyric acid, CAS: 107-92-6

Assessment

The available data lead to the classification given in section 2

Irritation and corrosion				
Butyric acid (107-92-6)				
Target Organ Effects	Species	Result	Method	
Skin	rabbit	corrosive	OECD 404	1h
Eyes	rabbit	corrosive		

Butyric acid, CAS: 107-92-6

Assessment

The available data lead to the classification given in section 2

For respiratory irritation, no data are available

Butyric acid, CAS: 107-92-6

Assessment

Skin sensitization was not tested due to the corrosive properties of the substance

For respiratory sensitization, no data are available

Subacute, subchronic and prolonged toxicity				
Butyric acid (107-92-6)				
Type	Dose	Species	Method	
Subchronic toxicity	NOAEC: 500 ppm/d (13 weeks)	rat	Inhalation EPA OTS 798.2450	read across

Butyric acid, CAS: 107-92-6

Assessment

Based on available data, the classification criteria are not met for:

STOT RE

Carcinogenicity, Mutagenicity, Reproductive toxicity					
Butyric acid (107-92-6)					
Type	Dose	Species	Evaluation	Method	
Mutagenicity		CHL	negative (without metabolic activation)	OECD 473 (Chromosomal Aberration)	In vitro study
Mutagenicity		Salmonella typhimurium	negative	OECD 471 (Ames)	In vitro study
Mutagenicity		mouse	negative	OECD 474	read across in vivo
Developmental Toxicity	LOAEC: 1500 ppm	rat		OECD 414, Inhalative	read across Maternal toxicity

SAFETY DATA SHEET

according to REACH Regulation (EC) No. 1907/2006, as amended by UK REACH Regulations SI 2019/758



n-Butyric acid FI
11960

Version / Revision 2.01

					Developmental toxicity
Developmental Toxicity	NOAEC: 1500 ppm	rabbit		OECD 414, Inhalative	read across Maternal toxicity Developmental toxicity
Reproductive toxicity	NOAEC: 2000 ppm	rat, male/female		OECD 416	read across Fertility
Mutagenicity		CHO (Chinese Hamster Ovary) cells	negative	OECD 476 (Mammalian Gene Mutation)	In vitro study

Butyric acid, CAS: 107-92-6

CMR Classification

The available data on CMR properties are summarized in the table above. They do not indicate a classification into categories 1A or 1B

Evaluation

In vitro tests did not show mutagenic effects

Did not show mutagenic effects in animal experiments

In the absence of specific alerts no cancer testing is required

Butyric acid, CAS: 107-92-6

Main symptoms

nausea, vomiting, convulsions, shortness of breath.

Target Organ Systemic Toxicant - Single exposure

Based on available data, the classification criteria are not met for:

STOT SE

Target Organ Systemic Toxicant - Repeated exposure

Based on available data, the classification criteria are not met for:

STOT RE

Aspiration toxicity

Due to the viscosity, this product does not present an aspiration hazard

11.2. Information on other hazards

Endocrine disrupting properties

The substance has not been identified as having endocrine disrupting properties in accordance with section 2.3.

Butyric acid, CAS: 107-92-6

Other adverse effects

Components of the product may be absorbed into the body by inhalation.

Note

Handle in accordance with good industrial hygiene and safety practice.

SECTION 12: Ecological information

12.1. Toxicity

Acute aquatic toxicity			
Butyric acid (107-92-6)			
Species	Exposure time	Dose	Method
Daphnia magna (Water flea)	48h	EC50: 51,25 mg/l	read across DIN 38412, part 11
Desmodesmus subspicatus	72h	EC50: 45,1 mg/l (Biomass)	read across DIN 38412, part 9

SAFETY DATA SHEET

according to REACH Regulation (EC) No. 1907/2006, as amended by UK REACH Regulations SI 2019/758



n-Butyric acid FI
11960

Version / Revision 2.01

Pimephales promelas (fathead minnow)	96h	LC50: 66,4 mg/l	read across OECD 203
Pseudomonas putida	18 h	EC50: 78 mg/l (Growth inhibition)	DIN 38412, part 8

12.2. Persistence and degradability

Butyric acid, CAS: 107-92-6

Biodegradation

100 % (14 d), Sewage, domestic, aerobic, OECD 301 E.

Abiotic Degradation		
Butyric acid (107-92-6)		
Type	Result	Method
Hydrolysis	not expected	
Photolysis	Half-life (DT50): 188 h	calculated

12.3. Bioaccumulative potential

Butyric acid (107-92-6)		
Type	Result	Method
log Pow	1,1 @ 25 °C (77 °F)	measured, OECD 117
log BCF	0,5	calculated

12.4. Mobility in soil

Butyric acid (107-92-6)		
Type	Result	Method
Surface tension	68,5 mN/m (1 g/l @ 20°C (68°F))	OECD 115
Adsorption/Desorption	log Koc: 1,69 @ pH 7	calculated
Distribution to environmental compartments	Air: 6,16 % Soil: 57,1 % Water: 36,7 % Sediment: 0,07 %	calculated Fugacity Model Level III

12.5. Results of PBT and vPvB assessment

Butyric acid, CAS: 107-92-6

PBT and vPvB assessment

This substance is not considered to be persistent, bioaccumulating nor toxic (PBT), nor very persistent nor very bioaccumulating (vPvB)

12.6. Endocrine disrupting properties

The substance has not been identified as having endocrine disrupting properties in accordance with section 2.3.

12.7. Other adverse effects

Butyric acid, CAS: 107-92-6

No data available

SECTION 13: Disposal considerations

SAFETY DATA SHEET

according to REACH Regulation (EC) No. 1907/2006, as amended by UK REACH Regulations SI 2019/758



n-Butyric acid FI
11960

Version / Revision 2.01

13.1. Waste treatment methods

Product Information

Disposal required in compliance with all waste management related state and local regulations. The choice of the appropriate method of disposal depends on the product composition by the time of disposal as well as the local statutes and possibilities for disposal.

Hazardous waste according to European Waste Catalogue (EWC)

Uncleaned empty packaging

Contaminated packaging should be emptied as far as possible and after appropriate cleansing may be taken for reuse.

SECTION 14: Transport information

ADR/RID

14.1. UN number or ID number	UN 2820
14.2. UN proper shipping name	Butyric acid
14.3. Transport hazard class(es)	8
14.4. Packing group	III
14.5. Environmental hazards	no
14.6. Special precautions for user	
ADR Tunnel restriction code	(E)
Classification Code	C3
Hazard Number	80

ADN

ADN Container

14.1. UN number or ID number	UN 2820
14.2. UN proper shipping name	Butyric acid
14.3. Transport hazard class(es)	8
14.4. Packing group	III
14.5. Environmental hazards	no
14.6. Special precautions for user	
Classification Code	C3
Hazard Number	80

ICAO-TI / IATA-DGR

14.1. UN number or ID number	UN 2820
14.2. UN proper shipping name	Butyric acid
14.3. Transport hazard class(es)	8
14.4. Packing group	III
14.5. Environmental hazards	no
14.6. Special precautions for user	no data available

IMDG

SAFETY DATA SHEET

according to REACH Regulation (EC) No. 1907/2006, as amended by UK REACH Regulations SI 2019/758



n-Butyric acid FI
11960

Version / Revision

2.01

14.1. UN number or ID number	UN 2820
14.2. UN proper shipping name	Butyric acid
14.3. Transport hazard class(es)	8
14.4. Packing group	III
14.5. Environmental hazards	no
14.6. Special precautions for user	
EmS	F-A, S-B
14.7. Maritime transport in bulk according to IMO instruments	
Product name	Butyric acid
Ship type	3
Pollution category	Y
Hazard class	S/P

SECTION 15: Regulatory information

15.1. Safety, health and environmental regulations/legislation specific for the substance or mixture

Regulation 1272/2008, Annex VI

Butyric acid, CAS: 107-92-6

Classification	Skin Corr. 1B; H314
Hazard pictograms	GHS05 Corrosion
Signal word	Danger
Hazard statements	H314

DI 2012/18/EU (Seveso III)

Category	not subject
-----------------	-------------

DI 1999/13/EC (VOC Guideline)

Component	Status
Butyric acid CAS: 107-92-6	regulated

The REACH etc. (Amendment etc.) (EU Exit) Regulations 2019 No. 758

Component	Status
Butyric acid CAS: 107-92-6	The substance is/will be pre-registered

For details and further information please refer to the original regulation.

International Inventories

Butyric acid, CAS: 107-92-6

AICS (AU)
DSL (CA)
IECSC (CN)
EC-No. 2035323 (EU)
ENCS (2)-608 (JP)
ISHL (2)-608 (JP)

SAFETY DATA SHEET

according to REACH Regulation (EC) No. 1907/2006, as amended by UK REACH Regulations SI 2019/758



**n-Butyric acid FI
11960**

Version / Revision

2.01

KECI KE-03838 (KR)
INSQ (MX)
PICCS (PH)
TSCA (US)
NZIoC (NZ)
TCSI (TW)

National regulatory information Great Britain

Releases to air (Pollution Inventory Substances)

not subject

Releases to water (Pollution Inventory Substances)

not subject

Releases to sewer (Pollution Inventory Substances)

not subject

For details and further information please refer to the original regulation

15.2. Chemical safety assessment

The Chemical Safety Report (CSR) is not required.

SECTION 16: Other information

Full text of H-Statements referred to under sections 2 and 3

H302: Harmful if swallowed.

H314: Causes severe skin burns and eye damage.

H318: Causes serious eye damage.

Abbreviations

A table of terms and abbreviations can be found under the following link:

http://echa.europa.eu/documents/10162/13632/information_requirements_r20_en.pdf

Training advice

For effective first-aid, special training / education is needed.

Sources of key data used to compile the datasheet

Information contained in this safety data sheet is based on OQ owned data and public sources deemed valid or acceptable. The absence of data elements required by OSHA, ANSI or Annex II, Regulation 1907/2006/EC indicates, that no data meeting these requirements is available.

Further information for the safety data sheet

Changes against the previous version are marked by ***. Observe national and local legal requirements. For more information, other material safety data sheets or technical data sheets please consult the OQ homepage (www.chemicals.oq.com).

The annex is not required because this material is exempted from REACH

Disclaimer

For industrial use only. The information contained herein is accurate to the best of our knowledge. We do not suggest or guarantee that any hazards listed herein are the only ones which exist. OQ Chemicals makes no warranty of any kind, express or implied, concerning the safe use of this material in your process or in combination with other substances. User has the sole responsibility to determine the suitability of the materials for any use and

SAFETY DATA SHEET

according to REACH Regulation (EC) No. 1907/2006, as amended by UK REACH Regulations SI 2019/758



**n-Butyric acid FI
11960**

Version / Revision 2.01

the manner of use contemplated. User must meet all applicable safety and health standards.

End of Safety Data Sheet