

MATERIAL SAFETY DATA:

QI Intufoam

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

Product name	QI Intufoam	
Product Code(s)	QI25/30, QI50/30, QI50/45, QI75/45	
Revision Date	01/04/2025	
Revision number	04	

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

1.1 Product Identifier

Product name	QI Intufoam
Product Code	QI25/30, QI50/30, QI50/45, QI75/45

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

1.2.1 Relevant identified uses

Main use category	Professional use
Industrial/ Professional use spec	For professional use only
Use of the substance/ mixture	N/A

1.2.2 Uses advised against

No additional information available

1.3 Details of the supplier of the safety data sheet

Company Name	Quelfire Limited Unit 4 Spitfire Road Wardle Nantwich Cheshire CW5 6HT
Tel	0161 928 7308
Email	technical@quelfire.co.uk

1.4 Emergency Telephone Number

Emergency Telephone Number	(+44) 0161 928 7308
Language	English
Operating Hours	Monday – Friday 8am – 5pm GMT
Call 999 for Emergency. Call 111 for non-emergency medical advice	

SECTION 2: Hazards Identification**2.1 Classification of the substance of mixture**

Classification according to Regulation (EC) No. 1272/2008 [CLP]	Not Classified
Adverse physicochemical, human health and environmental effects	To our knowledge, this product does not present any particular risk, provided it is handled in accordance with good occupational hygiene and safety practice

2.2 Label elements

Label according to Regulation (EC) No. 1272/2008 [CLP]	
EUH-statement	This product has no label elements

2.3 Other Hazards

No additional information available

MATERIAL SAFETY DATA:

QI Intufoam

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



SECTION 3: Composition/information on ingredients

3.1 Substances

Not applicable

3.2 Mixtures

Not applicable

SECTION 4: First aid measures**4.1 Description of first aid measures**

General	If you feel unwell, seek medical advice
Skin contact	Wash skin with plenty of water
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
Ingestion	If ingested do not induce vomiting, drink plenty of water, seek medical attention
Inhalation	An inhalation hazard is not anticipated unless dust is generated. Move the affected person to the fresh air.

4.2 Most important symptoms and effects, both acute and delayed

Symptoms/ effects after skin contact	This product is not expected to present a significant hazard under anticipated conditions of use.
Symptoms/ effects after eye contact	This product is not expected to present a significant hazard under anticipated conditions of use.
Symptoms/ effects after ingestion	This product is not expected to present a significant hazard under anticipated conditions of use.
Symptoms/ effects after inhalation	This product is not expected to present a significant hazard under anticipated conditions of use.

4.3 Indication of any immediate medical attention and special treatment needed

Treat symptomatically

MATERIAL SAFETY DATA:

QI Intufoam

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



SECTION 5: Fire-Fighting measures

5.1 Extinguishing media

Suitable Extinguishing Media	Water spray. Dry Powder. Foam. Carbon Dioxide
-------------------------------------	---

5.2 Special hazards arising from the substance or mixture

Hazardous decomposition products in case of fire	Toxic fumes may be released
---	-----------------------------

5.3 Advice for firefighters

Protection during firefighting	Do not attempt to act without suitable protective equipment. Self-contained breathing apparatus. Complete proactive clothing.
---------------------------------------	--

SECTION 6: Accidental release measures**6.1 Personal precautions, protective equipment and emergency procedures****6.1.1. For non-emergency personnel****Emergency procedures**

No additional information available

6.1.2. For emergency responders**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

Do not allow entry to drains, sewers, water courses or soil.

6.3. Methods and material for containment and cleaning up**Methods for cleaning up**

Mechanically recover the product.

Other Information

Dispose of materials or solid residues at an authorized site.

6.4. Reference to other sections

For further information refer to section 8: "Exposure controls/personal protection". For further information refer to section 13.

MATERIAL SAFETY DATA:

QI Intufoam

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



SECTION 7: Handling and storage

7.1. Precautions for safe handling

Handling requirements	Avoid the formation or spread of dust in the air Avoid contact with skin and eyes. Handle in accordance with good industrial hygiene and safety procedures. Do not eat, drink or smoke when using this product. Always wash hands after handling the product.
Hygiene measures	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

Storage conditions	Store in a dry, cool and well-ventilated place. Protect against frost. Keep out of reach of children. Keep away from food, drink and animal feeding stuffs.
--------------------	---

7.3. Specific end use(s)

No additional information available.

MATERIAL SAFETY DATA:

QI Intufoam

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

SECTION 8: Exposure controls/personal protection

8.1. Control parameters

Aluminium Silicate (Kaolin) (1332-58-7)

United Kingdom

Local Name – Kaolin

WEL TWA – 2 mg/m³

Ireland

Local Name – Kaolin, respirable dust

OEL (8 Hours ref) – 2 mg/m³

Occupational Exposure limits/ workplace Exposure limits for particles not otherwise classified or regulated (nuisance dust)

Inhalable: 10mg/m³

Respirable: 4mg/m³

Additional Information

Ensure all national/ local regulations are observed.

8.2. Exposure controls

8.2.1 Appropriate engineering controls:

Ensure good ventilation of the workstation.

8.2.2 Personal protective equipment:

Dust formation: dust mask. Gloves

Respiratory protection:

Not normally required for normal conditions of use. Use appropriate respiratory equipment when exposures are likely or can be foreseen to exceed the Occupational Exposure Limits or Workplace Exposure Limits for the UK. For exposures up to 10 times the OEL (WEL) use at least a P2 type duct mask. For higher exposure, use a P3 type mask.

Hand Protection

Protective gloves

Type	Material	Permeation	Thickness (mm)	Penetration	Standard
Disposable gloves	Vinyl, Nitrile rubber (NBR) Chloroprene rubber (CR)	2 (>30 minutes)			EN ISO 374-1

Eye Protection

Safety glasses: Avoid contact with eyes. Use safety glasses whenever tools are used, and dusts are produced.

Type	Field of application	Characteristics	Standard
Safety glasses			EN 166

Skin and body protection:

Wear suitable protective clothing

Personal protective equipment symbol(s):



MATERIAL SAFETY DATA:

QI Intufoam

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



8.2.3 Environmental exposure controls:

Avoid release to the environment

MATERIAL SAFETY DATA:

QI Intufoam

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

SECTION 9: Physical and chemical properties

9.1. Information on basic physical and chemical properties

Physical state	Solid
Colour	Grey
Odour	Odourless
Odour Threshold	No Data Available
pH	No Data Available
Relative evaporation rate (butylacetate=1)	No Data Available
Melting point	~70°C
Freezing point	No Data Available
Boiling point	No Data Available
Flash point	No Data Available
Auto-ignition temperature	No Data Available
Decomposition temperature	No Data Available
Flammability	No Data Available
Vapour pressure	No Data Available
Relative vapour density at 20°C	No Data Available
Relative density	1.2g/cm ³
Solubility	Material nearly insoluble in water.
Partition coefficient n-octanol/ water (Log Pow)	No Data Available
Viscosity, Kinematic	No Data Available
Viscosity, dynamic	No Data Available
Explosive properties	Not explosive. If dust is formed: risk of dust explosion.
Oxidising properties	No Data Available
Explosive limits	No Data Available

9.2. Other information

No additional information available.

SECTION 10: Stability and reactivity

10.1. Reactivity

Stable under recommended transport or storage conditions

10.2. Chemical stability

Stable under normal conditions. Material foams up at approximately 200°C

10.3. Possibility of hazardous reactions

No dangerous reactions known under normal conditions of use.

10.4. Conditions to avoid

High temperature. Avoid dust formation.

10.5. Incompatible materials

No data available

10.6. Hazardous decomposition products

In combustion emits toxic fumes

MATERIAL SAFETY DATA:

QI Intufoam

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



SECTION 11: Toxicological information

11.1. Information on toxicological effects

Acute toxicity	Not classified. Dust from this product may cause irritation to the respiratory tract.
Skin corrosion/ irritation	Dust from this product may cause skin irritation.
Serious eye damage/ irritation	Dust from this product may cause eye irritation.
Respiratory or skin sensitisation	Not classified.
Germ cell mutagenicity	Not classified.
Carcinogenicity	Not classified.
Reproductive toxicity	Not classified.
STOT-single exposure	Not classified.
STOT-repeated exposure	Not classified.

SECTION 12: Ecological information**12.1. Toxicity**

Ecology – general	Not classified
Hazardous to the aquatic environment, short term (acute)	Not classified
Hazardous to the aquatic environment, long term (chronic)	Not classified
Not rapidly degradable	

12.2. Persistence and degradability

No additional information available

12.3. Bioaccumulative potential

No additional information available

12.4. Mobility in soil

Ecology - soil	No additional information available .
----------------	---------------------------------------

12.5. Results of PBT and vPvB assessment

No additional information available

12.6. Other adverse effects

No additional information available

MATERIAL SAFETY DATA:

QI Intufoam

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



SECTION 13: Disposal considerations

13.1. Waste treatment methods

Regional legislation (waste)	Disposal must be done according to official regulations.
Waste treatment methods	Dispose of contents/ container in accordance with licensed collector's sorting instructions
Additional information	Dispose of waste to licensed waste disposal site in accordance with the requirements of the local Waste Disposal Authority. Packaging contaminated by the product: Disposal must be done according to official regulations. Non-contaminated packages may be recycled.

MATERIAL SAFETY DATA:

QI Intufoam

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

SECTION 14: Disposal considerations

In accordance with ADR/ RID/ IMDG/ IATA/ ADN

ADR	Not Applicable
RID	Not Applicable
IMDG	Not Applicable
IATA	Not Applicable
ADN	Not Applicable

No supplementary information available

14.6. Special precautions for user

Overland Transport	Not Applicable
Transport by sea	Not Applicable
Air transport	Not Applicable
Inland waterway transport	Not Applicable
Rail transport	Not Applicable

14.7. Transport in bulk according to Annex II of Marpol and the IBC Code

Not Applicable

SECTION 15: Regulatory information**15.1. Safety, health and environmental regulations/legislation specific for the substance or mixture****15.1.1. Relevant EU provisions transposed through retained EU law**

Contains no UK REACH substances with Annex XVII restrictions.

Contains no substance(s) listed on the UK REACH Candidate List

Contains no UK REACH Annex XIV substances that are subject to authorisation

Contains no substance subject to GB Export and import of hazardous chemicals - Prior Informed Consent (PIC) Regulation.

Contains no substance subject to Persistent Organic Pollutants Regulations (retained Regulation (EU) 2019/1021 as amended for Great Britain).

15.1.2. National regulations

No additional information available

15.2. Chemical safety assessment

No chemical safety assessment has been carried out

MATERIAL SAFETY DATA:

QI Intufoam

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

SECTION 16: Other information

Indication of changes

Hazards identification. Composition/information on ingredients.

Section	Changed item	Change	Comments
2	Hazard Statements (CLP)	Removed	Hazard Classification Removed - Recalculated for New Formulation
3.2	Composition/information on ingredients	Modified	
4	First-aid measures general	Modified	
6	Emergency procedures	Modified	
7	Precautions for safe handling	Modified	
11		Removed	Removal of Melamine from Formulation
12		Removed	Removal of Melamine from Formulation
13	Disposal considerations	Modified	Updated to Reflect Formulation
15		Modified	Updated to Reflect Formulation

Abbreviations and acronyms

ADN	European Agreement concerning the International Carriage of Dangerous Goods by Inland Waterways
ADR	European Agreement concerning the International Carriage of dangerous goods by Road
ATE	Acute Toxicity Estimate
BLV	Biological Limit Value
BOD	Biochemical oxygen demand (BOD)
COD	Chemical oxygen demand (COD)
DMEL	Derived Minimal Effect Level
DNEL	Derived-No Effect Level
EC50	Median effective concentration
EC-No.	European Community Number
EN	European Standard
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
LOAEL	Lowest Observed Adverse Effect Level
NOAEC	No-Observed Adverse Effect Concentration
NOAEL	No-Observed Adverse Effect Level
NOEC	No-Observed Effect Concentration
OEL	Occupational Exposure Limit
PBT	Persistent Bioaccumulative Toxic
PNEC	Predicted No-Effect Concentration
RID	Regulations concerning the International Carriage of Dangerous Goods by Rail
SDS	Safety Data Sheet
STP	Sewage treatment plant
ThOD	Theoretical oxygen demand (ThOD)

MATERIAL SAFETY DATA:

QI Intufoam

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

Abbreviations and acronyms	
TLM	Median Tolerance Limit
VOC	Volatile Organic Compounds
CAS-No.	Chemical Abstract Service number
N.O.S.	Not Otherwise Specified
vPvB	Very Persistent and Very Bioaccumulative
ED	Endocrine disrupting properties

Full Text of H- and EUH- statement	
Acute Tox. 2 (Dermal)	Acute toxicity (Dermal), Category 2
Acute Tox. 2 (Inhalation)	Acute toxicity (Inhalation), Category 2
Acute Tox. 3 (Oral)	Acute toxicity (Oral), Category 3
Acute Tox. 4 (Oral)	Acute toxicity (Oral), Category 4
Aquatic Acute 1	Hazardous to aquatic environment – Acute Hazard, Category 1
Aquatic Chronic 2	Hazardous to aquatic environment – Chronic Hazard, Category 2
EUH208	Contains 1,2-benzisothiazol-3(2H)-one; 1,2-benzisothiazolin-3-one(2634-33-5), reaction mass of 5-chloro-2-methyl-2H-isothiazol-3-one and 2-methyl-2H-isothiazol-3-one (3:1). May produce an allergic reaction.
EUH210	Safety data sheet available on request.
Eye Dam. 1	Serious eye damage/ eye irritation, category 1
Eye Irrit. 2	Serious eye damage/ eye irritation, category 2
Repr. 2	Reproductive toxicity, Category 2
H301	Toxic if swallowed
H302	Harmful if swallowed
H310	Fatal in contact with skin
H314	Causes severe skin burns and eye damage
H315	Causes skin irritation
H317	May cause an allergic skin reaction
H318	Causes serious eye damage
H319	Causes serious eye irritation
H330	Fatal if inhaled
H400	Very toxic to aquatic life
H410	Very toxic to aquatic life with long lasting effects
Skin Corr. 1C	Skin corrosion/ irritation, Category 1, sub-category 1C
Skin Irrit. 2	Skin corrosion/ irritation, Category 2
Skin sens. 1	Skin sensitisation, Category 1
Skin sens. 1A	Skin sensitisation, Category 1A

The above 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.