

## SAFETY DATA SHEET

according to the REACH Regulation (EC) 1907/2006 amended by Regulation (EU) 2020/878

Revision date: 3/05/2023

### CERAMIC MASTER TUBE

#### 1. IDENTIFICATION OF THE SUBSTANCE/MIXTURE AND OF THE COMPANY/UNDERTAKING

##### 1.1 Product identifier

**Product name:** CERAMIC MASTER TUBE

**Article number:** E100110

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

###### Relevant identified uses

**Main use category:** Industrial use, Professional use.

**Industrial/Professional use spec:** Wide dispersive use.

**Use of the substance/mixture:** Lubricating agent.

**Function or use category:** Lubricating agent.

###### Uses advised against

No additional information available.

##### 1.3 Details of the supplier of the safety data sheet

**Company:** MULTITASK INDUSTRIES  
KARNEMELKSTRAAT 12  
9060 ZELZATE / BELGIUM  
TEL : +32 (0)9 282 43 61  
FAX : +32 (0)9 337 04 96  
HOMEPAGE: [www.multitaskindustries.be](http://www.multitaskindustries.be)  
EMAIL: [info@multitaskindustries.be](mailto:info@multitaskindustries.be)

###### Information department:

**Technical information:** [info@multitaskindustries.be](mailto:info@multitaskindustries.be)

**1.4 Emergency telephone number:** Poison control centre (Brussels): +32 (0)70 245 245.

#### 2. HAZARDS IDENTIFICATION

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

**Classification according to Regulation (EC) No. 1272/2008 [CLP]**

Hazardous to the aquatic environment – Chronic Hazard, Category 2 H411

Full text of H- and EUH-statements: see section 16.

**Adverse physicochemical, human health and environmental effects:** Toxic to aquatic life with long lasting effects.

##### 2.2 Label elements

**Labelling according to Regulation (EC) No. 1272/2008 [CLP]**

**Signal word (CLP):** Not applicable.

###### Hazard statements (CLP):

H411 Toxic to aquatic life with long lasting effects.

## SAFETY DATA SHEET

according to the REACH Regulation (EC) 1907/2006 amended by Regulation (EU) 2020/878

Revision date: 3/05/2023

### CERAMIC MASTER TUBE

#### Precautionary statements (CLP):

P391 Collect spillage.

#### 2.3 Other hazards

Contains no PBT/vPvB substances  $\geq 0.1\%$  assessed in accordance with REACH Annex XIII.

The mixture does not contain substance(s) included in the list established in accordance with Article 59(1) of REACH for having endocrine disrupting properties, or is not identified as having endocrine disrupting properties in accordance with the criteria set out in Commission Delegated Regulation (EU) 2017/2100 or Commission Regulation (EU) 2018/605 at a concentration equal to or greater than 0,1 %

### 3. COMPOSITION/INFORMATION ON INGREDIENTS

#### 3.1 Substances

Not applicable.

#### 3.2 Mixtures

Name	Product identifier	%	Classification according to (EC) No. 1272/2008 [CLP]
zinc oxide	CAS-No.: 1314-13-2 EC-No.: 215-222-5 EC Index-No.: 030-013-00-7	10-20	Aquatic Acute 1, H400 Aquatic Chronic 1, H410

Full text of H- and EUH-statements: see section 16.

### 4. FIRST AID MEASURES

#### 4.1 Description of first aid measures

**First-aid measures general:** If medical advice is needed, have product container or label at hand.

**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:** Rinse eyes with water as a precaution.

**First-aid measures after ingestion:** Call a poison centre or a doctor if you feel unwell.

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

No additional information available.

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

Treat symptomatically.

### 5. FIREFIGHTING MEASURES

#### 5.1 Extinguishing media

**Suitable extinguishing media:** Water spray. Dry powder. Foam. Carbon dioxide.

**Unsuitable extinguishing media:** Do not use a heavy water stream.

## SAFETY DATA SHEET

according to the REACH Regulation (EC) 1907/2006 amended by Regulation (EU) 2020/878

Revision date: 3/05/2023

### CERAMIC MASTER TUBE

#### 5.2 Special hazards arising from the substance or mixture

**Fire hazard:** Not flammable.

**Explosion hazard:** No direct explosion hazard.

**Reactivity in case of fire:** Product is not explosive.

**Hazardous decomposition products in case of fire:** Toxic fumes may be released.

#### 5.3 Advice for firefighters

**Protection during firefighting:** Do not attempt to take action without suitable protective equipment. Self-contained breathing apparatus. Complete protective clothing.

### 6. ACCIDENTAL RELEASE MEASURES

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

**For non-emergency personnel**

**Emergency procedures:** Ventilate spillage area.

**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

Avoid release to the environment.

#### 6.3 Methods and material for containment and cleaning up

**For containment:** Collect spillage.

**Methods for cleaning up:** Take up liquid spill into absorbent material.

**Other information:** Dispose of materials or solid residues at an authorized site.

#### 6.4 Reference to other sections

For further information refer to section 13.

### 7. HANDLING AND STORAGE

#### 7.1 Precautions for safe handling

**Precautions for safe handling:** Ensure good ventilation of the work station. Wear personal protective equipment.

**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 well-ventilated place. Keep cool.

#### 7.3 Specific end use(s)

No additional information available.

## SAFETY DATA SHEET

according to the REACH Regulation (EC) 1907/2006 amended by Regulation (EU) 2020/878

Revision date: 3/05/2023

### CERAMIC MASTER TUBE

## 8. EXPOSURE CONTROLS/PERSONAL PROTECTION

### 8.1 Control parameters

**National occupational exposure and biological limit values:** No additional information available.

**Recommended monitoring procedures:** No additional information available.

**Air contaminants formed:** No additional information available.

**DNEL and PNEC:** No additional information available.

**Control banding:** No additional information available.

### 8.2 Exposure controls

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

#### Personal protective equipment

**Personal protective equipment symbol(s):**



#### Eye and face protection

**Eye protection:** Safety glasses.

#### Skin protection

**Skin and body protection:** Wear suitable protective clothing.

**Hand protection:** Protective gloves.

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

**Thermal hazards:** No additional information available.

**Environmental exposure controls:** Avoid release to the environment.

## 9. PHYSICAL AND CHEMICAL PROPERTIES

### 9.1 Information on basic physical and chemical properties

<b>Physical state:</b>	Liquid.
<b>Colour:</b>	White.
<b>Appearance:</b>	Paste.
<b>Odour:</b>	Characteristic.
<b>Odour threshold:</b>	Not available.
<b>Melting point:</b>	Not applicable.
<b>Freezing point:</b>	Not available.
<b>Boiling point:</b>	Not available.
<b>Flammability:</b>	Not applicable.
<b>Lower explosion limit:</b>	Not available.
<b>Upper explosion limit:</b>	Not available.

## SAFETY DATA SHEET

according to the REACH Regulation (EC) 1907/2006 amended by Regulation (EU) 2020/878

Revision date: 3/05/2023

### CERAMIC MASTER TUBE

Flash point:	Not available.
Auto-ignition temperature:	Not available.
Decomposition temperature:	Not available.
pH:	Not available.
Viscosity, kinematic:	Not available.
Solubility:	Not available.
Partition coefficient n-octanol/water (Log Kow):	Not available.
Vapour pressure:	Not available.
Vapour pressure at 50°C:	Not available.
Density:	1,05 – 1,15 g/cm <sup>3</sup> (estimated value).
Relative density:	Not available.
Relative vapour density at 20°C:	Not available.
Particle characteristics:	Not applicable.

#### 9.2 Other information

Information with regard to physical hazard classes: No additional information available.

Other safety characteristics: No additional information available.

## 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.

### 10.3 Possibility of hazardous reactions

No dangerous reactions known under normal conditions of use.

### 10.4 Conditions to avoid

None under recommended storage and handling conditions (see section 7).

### 10.5 Incompatible materials

No additional information available.

### 10.6 Hazardous decomposition products

Under normal conditions of storage and use, hazardous decomposition products should not be produced.

## 11. TOXICOLOGICAL INFORMATION

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

Acute toxicity (oral): Not classified.

Acute toxicity (dermal): Not classified.

Acute toxicity (inhalation): Not classified.

Skin corrosion/irritation: Not classified.

Serious eye damage/irritation: Not classified.

Respiratory or skin sensitisation: Not classified.

## SAFETY DATA SHEET

according to the REACH Regulation (EC) 1907/2006 amended by Regulation (EU) 2020/878

Revision date: 3/05/2023

### CERAMIC MASTER TUBE

**Germ cell mutagenicity:** Not classified.

**Carcinogenicity:** Not classified.

**Reproductive toxicity:** Not classified.

**STOT-single exposure:** Not classified.

**STOT-repeated exposure:** Not classified.

**Aspiration hazard:** Not classified.

#### 11.2 Information on other hazards

**Endocrine disrupting properties:** No additional information available.

**Other information:** The product has not been tested.

## 12. ECOLOGICAL INFORMATION

### 12.1 Toxicity

**Ecology - general:** Toxic to aquatic life with long lasting effects.

**Hazardous to the aquatic environment, short-term (acute):** Not classified

**Hazardous to the aquatic environment, long-term (chronic):** Toxic to aquatic life with long lasting effects.

### 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 Results of PBT and vPvB assessment

No additional information available.

### 12.6 Endocrine disrupting properties

No additional information available.

### 12.7 Other adverse effects

No additional information available.

## 13. DISPOSAL CONSIDERATIONS

### 13.1 Waste treatment methods

Dispose of contents/container in accordance with licensed collector's sorting instructions.



## SAFETY DATA SHEET

according to the REACH Regulation (EC) 1907/2006 amended by Regulation (EU) 2020/878

Revision date: 3/05/2023

### CERAMIC MASTER TUBE

#### 14. TRANSPORT INFORMATION

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

##### 14.1 UN number or ID number

**ADR:** UN 3082

**IMDG:** UN 3082

**IATA:** UN 3082

**ADN:** UN 3082

**RID:** UN 3082

##### 14.2 UN proper shipping name

**ADR:** ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S.

**IMDG:** ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S.

**IATA:** Environmentally hazardous substance, liquid, n.o.s.

**ADN:** ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S.

**RID:** ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S.

##### Transport document description:

**ADR:** UN 3082 ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S., 9, III, (-)

**IMDG:** UN 3082 ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S., 9, III, MARINE POLLUTANT

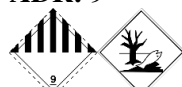
**IATA:** UN 3082 Environmentally hazardous substance, liquid, n.o.s., 9, III

**ADN:** UN 3082 ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S., 9, III

**RID:** UN 3082 ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S., 9, III

##### 14.3 Transport hazard class(es)

**ADR:** 9



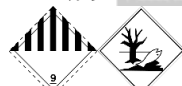
**IMDG:** 9



**IATA:** 9



**ADN:** 9



**RID:** 9



## SAFETY DATA SHEET

according to the REACH Regulation (EC) 1907/2006 amended by Regulation (EU) 2020/878

Revision date: 3/05/2023

### CERAMIC MASTER TUBE

#### 14.4 Packing group

ADR: III

IMDG: III

IATA: III

ADN: III

RID: III

#### 14.5 Environmental hazards

ADR:

Dangerous for the environment: Yes.

IMDG:

Dangerous for the environment: Yes.

Marine pollutant: Yes.

IATA:

Dangerous for the environment: Yes.

ADN:

Dangerous for the environment: Yes.

RID:

Dangerous for the environment: Yes.

No supplementary information available.

#### 14.6 Special precautions for user

##### Overland transport

Classification code (ADR): M6

Special provisions (ADR): 274, 335, 375, 601

Limited quantities (ADR): 51

Excepted quantities (ADR): E1

Packing instructions (ADR): P001, IBC03, LP01, R001

Special packing provisions (ADR): PP1

Mixed packing provisions (ADR): MP19

Portable tank and bulk container instructions (ADR): T4

Portable tank and bulk container special provisions (ADR): TP1, TP29

Tank code (ADR): LGBV

Vehicle for tank carriage: AT

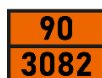
Transport category (ADR): 3

Special provisions for carriage - Packages (ADR): V12

Special provisions for carriage - Loading, unloading and handling (ADR): CV13

Hazard identification number (Kemler No.): 90

Orange plates:



Tunnel restriction code (ADR): -



## SAFETY DATA SHEET

according to the REACH Regulation (EC) 1907/2006 amended by Regulation (EU) 2020/878

Revision date: 3/05/2023

### CERAMIC MASTER TUBE

#### Transport by sea

Special provisions (IMDG): 274, 335, 969  
Limited quantities (IMDG): 5 L  
Excepted quantities (IMDG): E1  
Packing instructions (IMDG): LP01, P001  
Special packing provisions (IMDG): PP1  
IBC packing instructions (IMDG): IBC03  
Tank instructions (IMDG): T4  
Tank special provisions (IMDG): TP1, TP29  
EmS-No. (Fire): F-A  
EmS-No. (Spillage): S-F  
Stowage category (IMDG): A

#### Air transport

PCA Excepted quantities (IATA): E1  
PCA Limited quantities (IATA): Y964  
PCA limited quantity max net quantity (IATA): 30kgG  
PCA packing instructions (IATA): 964  
PCA max net quantity (IATA): 450L  
CAO packing instructions (IATA): 964  
CAO max net quantity (IATA): 450L  
Special provisions (IATA): A97, A158, A197, A215  
ERG code (IATA): 9L

#### Inland waterway transport

Classification code (ADN): M6  
Special provisions (ADN): 274, 335, 375, 601  
Limited quantities (ADN): 5 L  
Excepted quantities (ADN): E1  
Carriage permitted (ADN): T  
Equipment required (ADN): PP  
Number of blue cones/lights (ADN): 0

#### Rail transport

Classification code (RID): M6  
Special provisions (RID): 274, 335, 375, 601  
Limited quantities (RID): 5L  
Excepted quantities (RID): E1  
Packing instructions (RID): P001, IBC03, LP01, R001  
Special packing provisions (RID): PP1  
Mixed packing provisions (RID): MP19  
Portable tank and bulk container instructions (RID): T4  
Portable tank and bulk container special provisions (RID): TP1, TP29  
Tank codes for RID tanks (RID): LGBV  
Transport category (RID): 3  
Special provisions for carriage – Packages (RID): W12  
Special provisions for carriage - Loading, unloading and handling (RID): CW13, CW31  
Colis express (express parcels) (RID): CE8  
Hazard identification number (RID): 90

#### 14.7 Maritime transport in bulk according to IMO instruments

Not applicable.

## SAFETY DATA SHEET

according to the REACH Regulation (EC) 1907/2006 amended by Regulation (EU) 2020/878

Revision date: 3/05/2023

### CERAMIC MASTER TUBE

## 15. REGULATORY INFORMATION

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

#### EU-Regulations

REACH Annex XVII (Restriction List):

EU restriction list (REACH Annex XVII)		
Reference code	Applicable on	Entry title or description
3(c)	CERAMIC MASTER TUBE	Substances or mixtures fulfilling the criteria for any of the following hazard classes or categories set out in Annex I to Regulation (EC) No 1272/2008: Hazard class 4.1

REACH Annex XIV (Authorisation List): Contains no substance(s) listed on REACH Annex XIV (Authorisation List)

REACH Candidate List (SVHC): Contains no substance(s) listed on the REACH Candidate List.

PIC Regulation (Prior Informed Consent): Contains no substance(s) listed on the PIC list (Regulation EU 649/2012 concerning the export and import of hazardous chemicals).

POP Regulation (Persistent Organic Pollutants): Contains no substance(s) listed on the POP list (Regulation EU 2019/1021 on persistent organic pollutants).

Ozone Regulation (1005/2009): Contains no substance(s) listed on the Ozone Depletion list (Regulation EU 1005/2009 on substances that deplete the ozone layer).

Explosives Precursors Regulation (2019/1148): Contains no substance(s) listed on the Explosives Precursors list (Regulation EU 2019/1148 on the marketing and use of explosives precursors).

Drug Precursors Regulation (273/2004): Contains no substance(s) listed on the Drug Precursors list (Regulation EC 273/2004 on the manufacture and the placing on market of certain substances used in the illicit manufacture of narcotic drugs and psychotropic substances).

**National regulations:** No additional information available.

### 15.2 Chemical safety assessment

No chemical safety assessment has been carried out.

## 16. OTHER INFORMATION

#### 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.

BCF: Bioconcentration factor.

CLP: Classification Labelling Packaging Regulation; Regulation (EC) No 1272/2008.

DMEL: Derived Minimal Effect level.

DNEL: Derived-No Effect Level.

DPD: Dangerous Preparations Directive 1999/45/EC.

DSD: Dangerous Substances Directive 67/548/EEC.

EC50: Median effective concentration.

IARC: International Agency for Research on Cancer.

IATA: International Air Transport Association.

IMDG: International Maritime Dangerous Goods.

LC50: Median lethal concentration.

## SAFETY DATA SHEET

according to the REACH Regulation (EC) 1907/2006 amended by Regulation (EU) 2020/878

Revision date: 3/05/2023

### CERAMIC MASTER TUBE

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.  
OECD: Organisation for Economic Co-operation and Development.  
PBT: Persistent Bioaccumulative Toxic.  
PNEC: Predicted No-Effect Concentration.  
REACH: Registration, Evaluation, Authorisation and Restriction of Chemicals Regulation (EC) No 1907/2006.  
RID: Regulations concerning the International Carriage of Dangerous Goods by Rail.  
SDS: Safety Data Sheet.  
STP: Sewage treatment plant.  
TLM: Median Tolerance Limit.  
vPvB: Very Persistent and Very Bioaccumulative.  
BLV: Biological limit value.  
BOD: Biochemical oxygen demand (BOD).  
COD: Chemical oxygen demand (COD).  
EC-No.: European Community number.  
EN: European Standard.  
OEL: Occupational Exposure Limit.  
ThOD: Theoretical oxygen demand (ThOD).  
VOC: Volatile Organic Compounds.  
CAS-No.: Chemical Abstract Service number.  
N.O.S.: Not Otherwise Specified.  
ED: Endocrine disrupting properties.

#### Full text of H- and EUH-statements:

Aquatic Acute 1: Hazardous to the aquatic environment – Acute Hazard, Category 1.  
Aquatic Chronic 1: Hazardous to the aquatic environment – Chronic Hazard, Category 1.  
H400: Very toxic to aquatic life.  
H410: Very toxic to aquatic life with long lasting effects.  
H411: Toxic to aquatic life with long lasting effects.

**The classification complies with:** ATP 12

DISCLAIMER. The information obtained in this Safety Data Sheet from sources, which we believe, is reliable. The conditions or methods of handling, storage or disposal of the product are beyond our control and may be beyond our knowledge. For this and other reasons, we do not accept any liability for loss, damage or expense, which explicitly rejected in any way, can result from handling, storage, use or disposal of the product. This Safety Data Sheet was prepared and is to be used only for this product. If the product is used as a component in another product, it is possible that the Safety Data Sheet information is not applicable.