

## Safety Data Sheet

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This Safety Data Sheet has been prepared in accordance with the REACH Regulation (1907/2006), as amended for GB.

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

#### 1.1. Product identifier

3M Novec 649 Engineered Fluid

**Product Identification Numbers** 

98-0212-3239-6 98-0212-3240-4 98-0212-3352-7

7100027554 7100023600 7100025284

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

#### **Identified uses**

For industrial use only; not intended for use as a medical device or drug.

## **Restrictions on Use**

3M<sup>TM</sup> Novec<sup>TM</sup> Engineered Fluids are used in a wide variety of applications, including but not limited to precision cleaning of medical devices and as lubricant deposition solvents for medical devices. When the product is used for applications where the finished device is implanted into the human body, no residual Novec solvent may remain on the parts. It is highly recommended that the supporting test results and protocol be cited during FDA registration.

3M Electronics Markets Materials Division (EMMD) will not knowingly sample, support, or sell its products for incorporation in medical and pharmaceutical products and applications in which the 3M product will be temporarily or permanently implanted into humans or animals. The customer is responsible for evaluating and determining that a 3M EMMD product is suitable and appropriate for its particular use and intended application. The conditions of evaluation, selection, and use of a 3M product can vary widely and affect the use and intended application of a 3M product. Because many of these conditions are uniquely within the user's knowledge and control, it is essential that the user evaluate and determine whether the 3M product is suitable and appropriate for a particular use and intended application, and complies with all local applicable laws, regulations, standards, and guidance.

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

Address: 3M United Kingdom PLC, 3M Centre, Cain Road, Bracknell, Berkshire, RG12 8HT.

 Telephone:
 +44 (0)1344 858 000

 E Mail:
 tox.uk@mmm.com

 Website:
 www.3M.com/uk

#### 1.4. Emergency telephone number

+44 (0)1344 858 000

## **SECTION 2: Hazard identification**

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

## The retained CLP Regulation (EU) No 1272/2008 as amended for Great Britain

The health and environmental classifications of this material have been derived using the calculation method, except in cases where test data are available or the physical form impacts classification. Classification(s) based on test data or physical form are noted below, if applicable.

## **CLASSIFICATION:**

Reproductive Toxicity, Category 2 - Repr. 2; H361d

Hazardous to the Aquatic Environment (Chronic), Category 3 - Aquatic Chronic 3; H412

For full text of H phrases, see Section 16.

#### 2.2. Label elements

The retained CLP Regulation (EU) No 1272/2008 as amended for Great Britain

#### SIGNAL WORD

WARNING.

## **Symbols**

GHS08 (Health Hazard) |

## **Pictograms**



Ingredient CAS Nbr EC No. % by Wt

1,1,1,2,2,4,5,5,5-nonafluoro-4-(trifluoromethyl)-3-pentanone 756-13-8 436-710-6 >= 99.5

## **HAZARD STATEMENTS:**

H361d Suspected of damaging the unborn child.

H412 Harmful to aquatic life with long lasting effects.

## PRECAUTIONARY STATEMENTS

#### **Prevention:**

P280F Wear respiratory protection.

## 2.3. Other hazards

None known

This material does not contain any substances that are assessed to be a PBT or vPvB

# **SECTION 3: Composition/information on ingredients**

Dogge 2 of 1

#### 3.1. Substances

Ingredient	Identifier(s)	Classification according to Regulation (EC) No. 1272/2008 [CLP], as amended for GB
1,1,1,2,2,4,5,5,5-nonafluoro-4- (trifluoromethyl)-3-pentanone	(CAS-No.) 756-13-8 (EC-No.) ELINCS 436- 710-6	Aquatic Chronic 3, H412 Repr. 2, H361d

Please see section 16 for the full text of any H statements referred to in this section

For information on ingredient occupational exposure limits or PBT or vPvB status, see sections 8 and 12 of this SDS

#### 3.2. Mixtures

Not applicable

## **SECTION 4: First aid measures**

## 4.1. Description of first aid measures

#### Inhalation

Remove person to fresh air. If you are concerned, get medical advice.

#### Skin contact

Wash with soap and water. If you are concerned, get medical advice.

## Eye contact

If exposed, flush eyes with large amounts of water. Remove contact lenses if easy to do. Continue rinsing. If signs/symptoms develop, get medical attention.

## If swallowed

Rinse mouth. If you are concerned, get medical advice.

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

No critical symptoms or effects. See Section 11.1, information on toxicological effects.

## 4.3. Indication of any immediate medical attention and special treatment required

Not applicable

# **SECTION 5: Fire-fighting measures**

## 5.1. Extinguishing media

Use a fire fighting agent suitable for the surrounding fire.

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

Exposure to extreme heat can give rise to thermal decomposition.

## **Hazardous Decomposition or By-Products**

Substance
Carbon monoxide
Carbon dioxide.
Toxic Vapour/Gas

Condition

During combustion. During combustion. During combustion.

## 5.3. Advice for fire-fighters

Wear full protective clothing, including helmet, self-contained, positive pressure or pressure demand breathing apparatus, bunker coat and pants, bands around arms, waist and legs, face mask, and protective covering for exposed areas of the head.

## **SECTION 6: Accidental release measures**

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

Evacuate area. Ventilate the area with fresh air. For large spill, or spills in confined spaces, provide mechanical ventilation to disperse or exhaust vapours, in accordance with good industrial hygiene practice. Refer to other sections of this SDS for information regarding physical and health hazards, respiratory protection, ventilation, and personal protective equipment.

## **6.2.** Environmental precautions

Avoid release to the environment. For larger spills, cover drains and build dykes to prevent entry into sewer systems or bodies of water.

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

Contain spill. Working from around the edges of the spill inward, cover with bentonite, vermiculite, or commercially available inorganic absorbent material. Mix in sufficient absorbent until it appears dry. Remember, adding an absorbent material does not remove a physical, health, or environmental hazard. Collect as much of the spilled material as possible. Place in a closed container approved for transportation by appropriate authorities. Clean up residue with an appropriate solvent selected by a qualified and authorised person. Ventilate the area with fresh air. Read and follow safety precautions on the solvent label and Safety Data Sheet. Seal the container. Dispose of collected material as soon as possible.

#### 6.4. Reference to other sections

Refer to Section 8 and Section 13 for more information

# **SECTION 7: Handling and storage**

## 7.1. Precautions for safe handling

Contents may be under pressure, open carefully. Avoid inhalation of thermal decomposition products. For industrial/occupational use only. Not for consumer sale or use. Do not use in a confined area with minimal air exchange. Do not handle until all safety precautions have been read and understood. Avoid breathing dust/fume/gas/mist/vapours/spray. Do not get in eyes, on skin, or on clothing. Do not eat, drink or smoke when using this product. Wash thoroughly after handling. Avoid release to the environment. Use personal protective equipment (eg. gloves, respirators...) as required.

## 7.2. Conditions for safe storage including any incompatibilities

Protect from sunlight. Store in a well-ventilated place. Store at temperatures not exceeding 38C/100F Store away from strong bases. Store away from amines.

## 7.3. Specific end use(s)

See information in Section 7.1 and 7.2 for handling and storage recommendations. See Section 8 for exposure controls and personal protection recommendations.

# **SECTION 8: Exposure controls/personal protection**

## 8.1 Control parameters

#### Occupational exposure limits

If a component is disclosed in section 3 but does not appear in the table below, an occupational exposure limit is not available for the component.

Ingredient	CAS Nbr	Agency	Limit type	Additional comments
1,1,1,2,2,4,5,5,5-nonafluoro-4-	756-13-8	Manufacturer	TWA(8 hours):40 ppm(517	
(trifluoromethyl)-3-pentanone		determined	mg/m3)	

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UK HSE: UK Health and Safety Commission

TWA: Time-Weighted-Average STEL: Short Term Exposure Limit

CEIL: Ceiling

#### **Biological limit values**

No biological limit values exist for any of the components listed in Section 3 of this safety data sheet.

#### 8.2. Exposure controls

#### 8.2.1. Engineering controls

For those situations where the material might be exposed to extreme overheating due to misuse or equipment failure, use with appropriate local exhaust ventilation sufficient to maintain levels of thermal decomposition products below their exposure guidelines. Use general dilution ventilation ... with independent air supply Use general dilution ventilation and/or local exhaust ventilation to control airborne exposures to below relevant Exposure Limits and/or control dust/fume/gas/mist/vapors/spray. If ventilation is not adequate, use respiratory protection equipment with independent air supply

## 8.2.2. Personal protective equipment (PPE)

## Eye/face protection

Eye protection not required.

#### Skin/hand protection

Select and use gloves and/or protective clothing approved to relevant local standards to prevent skin contact based on the results of an exposure assessment. Selection should be based on use factors such as exposure levels, concentration of the substance or mixture, frequency and duration, physical challenges such as temperature extremes, and other use conditions. Consult with your glove and/or protective clothing manufacturer for selection of appropriate compatible gloves/protective clothing. Note: Nitrile gloves may be worn over polymer laminate gloves to improve dexterity. Gloves made from the following material(s) are recommended:

Material	Thickness (mm)	<b>Breakthrough Time</b>
Neoprene.	No data available	No data available
Polymer laminate	No data available	No data available

When only incidental contact is anticipated, alternative glove material(s) may be used. If contact with the glove does occur, remove immediately and replace with a set of new gloves. For incidental contact, gloves made of the following material(s) may be used: Nitrile rubber.

Applicable Norms/Standards Use gloves tested to EN 374

If this product is used in a manner that presents a higher potential for exposure (eg. spraying, high splash potential etc.), then use of protective coveralls may be necessary. Select and use body protection to prevent contact based on the results of an exposure assessment. The following protective clothing material(s) are recommended: Neoprene apron.

Apron - polymer laminate

#### Respiratory protection

An exposure assessment may be needed to decide if a respirator is required. If a respirator is needed, use respirators as part of a full respiratory protection program. Based on the results of the exposure assessment, select from the following respirator type(s) to reduce inhalation exposure:

Half facepiece or full facepiece supplied-air respirator

For questions about suitability for a specific application, consult with your respirator manufacturer.

Applicable Norms/Standards
Use a respirator conforming to EN 140 or EN 136

# **SECTION 9: Physical and chemical properties**

## 9.1. Information on basic physical and chemical properties

. Information on basic physical and chemical prope	er des
Physical state	Liquid.
Specific Physical Form:	Liquid.
Colour	Colourless
Odor	Low Solvent
Odour threshold	No data available.
Melting point/freezing point	-108 °C
Boiling point/boiling range	49 °C [@ 101,324.72 Pa ]
Flammability	Not applicable.
Flammable Limits(LEL)	None detected
Flammable Limits(UEL)	None detected
Flash point	No flash point
Autoignition temperature	Not applicable.
Decomposition temperature	No data available.
pH	substance/mixture reacts with water
Kinematic Viscosity	0.375 mm <sup>2</sup> /sec
Water solubility	Nil
Solubility- non-water	No data available.
Partition coefficient: n-octanol/water	No data available.
Vapour pressure	40.4 kPa [@ 25 °C ]
Density	1.6 g/ml
Relative density	1.6 [@ 20 °C ] [ <i>Ref Std:</i> WATER=1]
Relative Vapour Density	11.6 [ <i>Ref Std</i> :AIR=1]
Particle Characteristics	Not applicable.

## 9.2. Other information

9.2.2 Other safety characteristics

EU Volatile Organic Compounds 1,600 g/l

**Evaporation rate** > 1 Units not available or not applicable. [*Ref* 

Std:BUOAC=1]

Molecular weight No data available.

Percent volatile 100 %

# **SECTION 10: Stability and reactivity**

## 10.1 Reactivity

This material may be reactive with certain agents under certain conditions - see the remaining headings in this section

## 10.2 Chemical stability

Stable.

## 10.3 Possibility of hazardous reactions

Hazardous polymerisation will not occur.

## 3M Novec 649 Engineered Fluid

## 10.4 Conditions to avoid

Light.

## 10.5 Incompatible materials

Strong bases.

Amines.

Alcohols.

## 10.6 Hazardous decomposition products

#### Substance

## Condition

Hydrogen Fluoride

At elevated temperatures. - extreme conditions of

Refer to section 5.2 for hazardous decomposition products during combustion.

Extreme heat arising from situations such as misuse or equipment failure can generate hydrogen fluoride as a decomposition product.

## **SECTION 11: Toxicological information**

The information below may not agree with the material classification in Section 2 and/or the ingredient classifications in Section 3 if specific ingredient classifications are mandated by a competent authority. In addition, statements and data presented in Section 11 are based on UN GHS calculation rules and classifications derived from 3M assessments.

11.1. Information on hazard classes as defined in the retained CLP Regulation (EU) No 1272/2008, as amended for Great Britain.

Signs and Symptoms of Exposure

Based on test data and/or information on the components, this material may produce the following health effects:

#### Inhalation

May cause additional health effects (see below).

#### Skin contact

Contact with the skin during product use is not expected to result in significant irritation.

## Eve contact

Contact with the eyes during product use is not expected to result in significant irritation.

#### Ingestion

No known health effects.

## Additional Health Effects:

## Reproductive/Developmental Toxicity:

Contains a chemical or chemicals which can cause birth defects or other reproductive harm.

## **Toxicological Data**

If a component is disclosed in section 3 but does not appear in a table below, either no data are available for that endpoint or the data are not sufficient for classification.

**Acute Toxicity** 

Name	Route	Species	Value
1,1,1,2,2,4,5,5,5-nonafluoro-4-(trifluoromethyl)-3-pentanone	Dermal	Professio	LD50 estimated to be > 5,000 mg/kg
		nal	

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		judgeme nt	
1,1,1,2,2,4,5,5,5-nonafluoro-4-(trifluoromethyl)-3-pentanone	Ingestion	Professio nal judgeme nt	LD50 estimated to be > 5,000 mg/kg
1,1,1,2,2,4,5,5,5-nonafluoro-4-(trifluoromethyl)-3-pentanone	Inhalation- Vapour (4 hours)	Rat	LC50 > 1,227 mg/l

ATE = acute toxicity estimate

## Skin Corrosion/Irritation

Name	Species	Value
1,1,1,2,2,4,5,5,5-nonafluoro-4-(trifluoromethyl)-3-pentanone	Rabbit	No significant irritation

**Serious Eye Damage/Irritation** 

Name	Species	Value
1,1,1,2,2,4,5,5,5-nonafluoro-4-(trifluoromethyl)-3-pentanone	Rabbit	No significant irritation

## **Skin Sensitisation**

Name	Species	Value
1,1,1,2,2,4,5,5,5-nonafluoro-4-(trifluoromethyl)-3-pentanone	Guinea	Not classified
	pig	

## **Respiratory Sensitisation**

For the component/components, either no data is currently available or the data is not sufficient for classification.

**Germ Cell Mutagenicity** 

Name	Route	Value			
1,1,1,2,2,4,5,5,5-nonafluoro-4-(trifluoromethyl)-3-pentanone	In Vitro	Not mutagenic			
1,1,1,2,2,4,5,5,5-nonafluoro-4-(trifluoromethyl)-3-pentanone	In vivo	Not mutagenic			

## Carcinogenicity

For the component/components, either no data is currently available or the data is not sufficient for classification.

## **Reproductive Toxicity**

Reproductive and/or Developmental Effects

Name	Route	Value	Species	Test result	Exposure Duration
1,1,1,2,2,4,5,5,5-nonafluoro-4- (trifluoromethyl)-3-pentanone	Inhalation	Not classified for female reproduction	Rat	NOAEL 258 mg/l	2 generation
1,1,1,2,2,4,5,5,5-nonafluoro-4- (trifluoromethyl)-3-pentanone	Inhalation	Not classified for male reproduction	Rat	NOAEL 258 mg/l	2 generation
1,1,1,2,2,4,5,5,5-nonafluoro-4- (trifluoromethyl)-3-pentanone	Inhalation	Toxic to development	Rabbit	LOAEL 38.8 mg/l	during gestation

## Target Organ(s)

Specific Target Organ Toxicity - single exposure

Name	Route	Target Organ(s)	Value	Species	Test result	Exposure Duration
1,1,1,2,2,4,5,5,5- nonafluoro-4- (trifluoromethyl)-3- pentanone	Inhalation	nervous system	Not classified	Rat	NOAEL 100,000 ppm	2 hours

1,1,1,2,2,4,5,5,5-	Inhalation	cardiac sensitisation	Not classified	Dog	Sensitization	17 minutes
nonafluoro-4-					Negative	
(trifluoromethyl)-3-						
pentanone						

Specific Target Organ Toxicity - repeated exposure

Name	Route	Target Organ(s)	Value	Species	Test result	Exposure
						Duration
1,1,1,2,2,4,5,5,5-	Inhalation	liver   kidney and/or	Not classified	Rat	NOAEL 38.6	90 days
nonafluoro-4-		bladder   heart			mg/l	
(trifluoromethyl)-3-		endocrine system				
pentanone		hematopoietic				
•		system   muscles				
		nervous system				
		respiratory system				
		vascular system				

#### **Aspiration Hazard**

For the component/components, either no data is currently available or the data is not sufficient for classification.

Please contact the address or phone number listed on the first page of the SDS for additional toxicological information on this material and/or its components.

## 11.2. Information on other hazards

This material does not contain any substances that are assessed to be an endocrine disruptor for human health.

# **SECTION 12: Ecological information**

The information below may not agree with the material classification in Section 2 and/or the ingredient classifications in Section 3 if specific ingredient classifications are mandated by a competent authority. In addition, statements and data presented in Section 12 are based on UN GHS calculation rules and classifications derived from 3M assessments.

#### 12.1. Toxicity

No product test data available.

Material	CAS#	Organism	Туре	Exposure	Test endpoint	Test result
1,1,1,2,2,4,5,5,5- nonafluoro-4- (trifluoromethyl)-3- pentanone	756-13-8	Fathead minnow	Transformation Product	96 hours	LC50	>1,070 mg/l
1,1,1,2,2,4,5,5,5- nonafluoro-4- (trifluoromethyl)-3- pentanone	756-13-8	Green algae	Transformation Product	96 hours	LC50	10.6 mg/l
1,1,1,2,2,4,5,5,5- nonafluoro-4- (trifluoromethyl)-3- pentanone	756-13-8	Water flea	Transformation Product	48 hours	EC50	>1,080 mg/l
1,1,1,2,2,4,5,5,5- nonafluoro-4- (trifluoromethyl)-3- pentanone	756-13-8	Green algae	Transformation Product	96 hours	NOEC	3.71 mg/l
1,1,1,2,2,4,5,5,5- nonafluoro-4- (trifluoromethyl)-3- pentanone	756-13-8	Activated sludge	Experimental	30 minutes	EC50	>100 mg/l
1,1,1,2,2,4,5,5,5- nonafluoro-4- (trifluoromethyl)-3- pentanone	756-13-8	Sunflower	Transformation Product	28 days	LOEC	1 mg/kg (Dry Weight)

#### 12.2. Persistence and degradability

Material	CAS Nbr	Test type	Duration	Study Type	Test result	Protocol
1,1,1,2,2,4,5,5,5- nonafluoro-4- (trifluoromethyl)-3- pentanone	756-13-8	Transformation product Biodegradation	28 days	CO2 evolution	3 %CO2 evolution/THCO2 evolution	OECD 301B - Modified sturm or CO2
1,1,1,2,2,4,5,5,5- nonafluoro-4- (trifluoromethyl)-3- pentanone	756-13-8	Experimental Photolysis		Photolytic half-life (in air)	7.3 days (t 1/2)	
1,1,1,2,2,4,5,5,5- nonafluoro-4- (trifluoromethyl)-3- pentanone	756-13-8	Experimental Hydrolysis		Hydrolytic half-life	<2.5 minutes (t 1/2)	

## 12.3: Bioaccumulative potential

Material	Cas No.	Test type	Duration	Study Type	Test result	Protocol
1,1,1,2,2,4,5,5,5- nonafluoro-4- (trifluoromethyl)-3- pentanone	756-13-8	Experimental BCF - Fish	28 days	Bioaccumulation factor	<4.8	OECD305-Bioconcentration
1,1,1,2,2,4,5,5,5- nonafluoro-4- (trifluoromethyl)-3- pentanone	756-13-8	Transformation product Bioconcentration		Log Kow	-1.33	ACD/Labs ChemSketch <sup>TM</sup>

## 12.4. Mobility in soil

Material	Cas No.	Test type	Study Type	Test result	Protocol
1,1,1,2,2,4,5,5,5-	756-13-8	Transformation	Koc	22 l/kg	
nonafluoro-4-		product Mobility in			
(trifluoromethyl)-3-		Soil			
pentanone					

## 12.5. Results of the PBT and vPvB assessment

This material does not contain any substances that are assessed to be a PBT or vPvB

## 12.6. Other adverse effects

Material	CAS Nbr	Ozone Depletion Potential Global Warming Potential
1,1,1,2,2,4,5,5,5-nonafluoro-4-	756-13-8	0 1
(trifluoromethyl)-3-pentanone		

This material does not contain any substances that are assessed to be an endocrine disruptor for environmental effects

# **SECTION 13: Disposal considerations**

## 13.1 Waste treatment methods

Dispose of contents/ container in accordance with the local/regional/national/international regulations.

Dispose of waste product in a permitted industrial waste facility. As a disposal alternative, incinerate in a permitted waste incineration facility. Proper destruction may require the use of additional fuel during incineration processes. Combustion products will include HF. Facility must be capable of handling halogenated materials. Empty drums/barrels/containers used for transporting and handling hazardous chemicals (chemical substances/mixtures/preparations classified as Hazardous as per applicable regulations) shall be considered, stored, treated & disposed of as hazardous wastes unless otherwise defined by

applicable waste regulations. Consult with the respective regulating authorities to determine the available treatment and disposal facilities.

The coding of a waste stream is based on the application of the product by the consumer. Since this is out of the control of 3M, no waste code(s) for products after use will be provided. Please refer to the European Waste Code (EWC - 2000/532/EC and amendments) to assign the correct waste code to your waste stream. Ensure national and/or regional regulations are complied with and always use a licensed waste contractor.

## EU waste code (product as sold)

070103\* Organic halogenated solvents, washing liquids and mother liquors

14 06 02\* Other halogenated solvents and solvent mixtures

# **SECTION 14: Transportation information**

Not hazardous for transportation.

	Ground Transport (ADR)	Air Transport (IATA)	Marine Transport (IMDG)
14.1 UN number	No data available.	No data available.	No data available.
14.2 UN proper shipping name	No data available.	No data available.	No data available.
14.3 Transport hazard class(es)	No data available.	No data available.	No data available.
14.4 Packing group	No data available.	No data available.	No data available.
14.5 Environmental hazards	No data available.	No data available.	No data available.
14.6 Special precautions for user	Please refer to the other sections of the SDS for further information.	Please refer to the other sections of the SDS for further information.	Please refer to the other sections of the SDS for further information.
14.7 Transport in bulk according to Annex II of Marpol 73/78 and IBC Code	No data available.	No data available.	No data available.
Control Temperature	No data available.	No data available.	No data available.
Emergency Temperature	No data available.	No data available.	No data available.
ADR Classification Code	No data available.	No data available.	No data available.
IMDG Segregation Code	No data available.	No data available.	No data available.

Please contact the address or phone number listed on the first page of the SDS for additional information on the transport/shipment of the material by rail (RID) or inland waterways (ADN).

# **SECTION 15: Regulatory information**

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

#### Global inventory status

Contact 3M for more information. The components of this material are in compliance with the provisions of the Korea Chemical Control Act. Certain restrictions may apply. Contact the selling division for additional information. The components of this material are in compliance with the provisions of Japan Chemical Substance Control Law. Certain restrictions may apply. Contact the selling division for additional information. The components of this product are in compliance with the new substance notification requirements of CEPA. This product complies with Measures on Environmental Management of New Chemical Substances. All ingredients are listed on or exempt from on China IECSC inventory. The components of this product are in compliance with the chemical notification requirements of TSCA. All required components of this product are listed on the active portion of the TSCA Inventory.

## COMAH Regulation, SI 2015/483

Seveso hazard categories, Annex 1, Part 1 None

Seveso named dangerous substances, Annex 1, Part 2

## Regulation (EU) No 649/2012, as amended for GB

No chemicals listed

#### 15.2. Chemical Safety Assessment

A chemical safety assessment has been carried out for this substance/mixture in accordance with Regulation (EC) No 1907/2006, as amended for GB.

## **SECTION 16: Other information**

## List of relevant H statements

H361d Suspected of damaging the unborn child. H412 Harmful to aquatic life with long lasting effects.

#### **Revision information:**

GB Section 02: CLP Ingredient table information was modified.

Section 3: Composition/Information of ingredients table information was modified.

OEL Reg Agency Desc information was modified.

DISCLAIMER: The information on this Safety Data Sheet is based on our experience and is correct to the best of our knowledge at the date of publication, but we do not accept any liability for any loss, damage or injury resulting from its use (except as required by law). The information may not be valid for any use not referred to in this Data Sheet or use of the product in combination with other materials. For these reasons, it is important that customers carry out their own test to satisfy themselves as to the suitability of the product for their own intended applications. In addition, this SDS is being provided to convey health and safety information. If you are the importer of record of this product into the European Union, you are responsible for all regulatory requirements, including, but not limited to, product registrations/notifications, substance volume tracking, and potential substance registration.

## 3M SDSs for Great Britain are available at www.3M.com/uk

For Northern Ireland documents, please contact your 3M representative to obtain a copy.