



## Safety Information Sheet for Medical Devices

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**Revision date:** 23/04/2020 **Supersedes date:** Initial issue.  
**Transportation version number:** 1.00 (23/04/2020)

A safety data sheet is not required for this Product. This Safety Information Sheet has been created on a voluntary basis.

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

#### 1.1. Product identifier

3M™ Clinpro™ White Varnish (12246, 12247, 12249, 12250, 12251)

##### Product Identification Numbers

70-2010-5754-7	70-2010-8839-3	70-2010-8840-1	70-2014-0110-9	70-2014-0111-7
70-2014-0112-5	70-2014-0113-3	70-2014-0114-1	70-2014-0115-8	70-2014-0116-6
70-2014-0117-4	70-2014-0255-2	70-2014-0669-4	70-2014-0915-1	
7100063550	7000042951	7010343314	7010388152	7010317607
7010388153	7010343315	7010304349	7010388154	7010343316
7100069405	7100146070	7100226787		

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

##### Identified uses

Medical device; refer to Instructions for Use

##### Restrictions on Use

For use only by dental professionals.

#### 1.3 Details of the supplier of the safety information sheet for medical devices

**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

CLP REGULATION (EC) No 1272/2008

This product is a medical device as defined in Directive 93/42/EEC (MDD) respectively Regulation (EU) 2017/745 (MDR), which is invasive or used in direct physical contact with the human body, and therefore is exempt from the requirements of classification and labelling according to Regulation (EC) No. 1272/2008 (CLP; Article 1, paragraph 5). Although not required, the classification and label information, as applicable, is provided below.

**CLASSIFICATION:**

Flammable Liquid, Category 3 - Flam. Liq. 3; H226  
 Skin Corrosion/Irritation, Category 2 - Skin Irrit. 2; H315  
 Aspiration Hazard, Category 1 - Asp. Tox. 1; H304  
 Reproductive Toxicity, Category 2 - Repr. 2; H361  
 Specific Target Organ Toxicity-Repeated Exposure, Category 2 - STOT RE 2; H373  
 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**

**CLP REGULATION (EC) No 1272/2008**

**SIGNAL WORD**

DANGER.

**Symbols:**

GHS02 (Flame) | GHS07 (Exclamation mark) | GHS08 (Health Hazard) |

**Pictograms**



**Ingredients:**

Ingredient	CAS Nbr	EC No.	% by Wt
Hydrocarbon	110-54-3	203-777-6	10 - 15

**HAZARD STATEMENTS:**

H226	Flammable liquid and vapour.	
H315	Causes skin irritation.	
H304	May be fatal if swallowed and enters airways.	
H361f	Suspected of damaging fertility.	
H373	May cause damage to organs through prolonged or repeated exposure:	nervous system
H412	Harmful to aquatic life with long lasting effects.	

**PRECAUTIONARY STATEMENTS**

**Prevention:**

P210A	Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking.
P260A	Do not breathe vapours.
P280E	Wear protective gloves.

**Response:**

P331	Do NOT induce vomiting.
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P301 + P310

IF SWALLOWED: Immediately call a POISON CENTRE or doctor/physician.

**Disposal:**

P501

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

**SUPPLEMENTAL INFORMATION:**

**Supplemental Hazard Statements:**

EUH032

Contact with acid liberates very toxic gas.

**2.3. Other hazards**

For information on hazards and safe use, please consider the corresponding sections of this document.

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

Ingredient	CAS Nbr	EC No.	% by Wt	Classification
Pentaerythritol Glycerol ester of Colophony Resin	Trade Secret		30 - 75	Substance not classified as hazardous
Hydrocarbon	110-54-3	203-777-6	10 - 15	Flam. Liq. 2, H225; Asp. Tox. 1, H304; Skin Irrit. 2, H315; Repr. 2, H361f; STOT SE 3, H336; STOT RE 2, H373; Aquatic Chronic 2, H411
Ethyl alcohol	64-17-5	200-578-6	1 - 15	Flam. Liq. 2, H225 Eye Irrit. 2, H319
Sodium fluoride	7681-49-4	231-667-8	1 - 5	EUH032; Acute Tox. 3, H301; Skin Irrit. 2, H315; Eye Irrit. 2, H319
Flavor Enhancer	Trade Secret		1 - 5	Substance not classified as hazardous
Thickener	Trade Secret		1 - 5	Substance with an occupational exposure limit
Food Grade Flavour	Not available		1 - 5	Substance not classified as hazardous
Modified Tricalcium phosphate	Not available		< 5	Substance not classified as hazardous

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 SIS

**SECTION 4: First aid measures**

**4.1. Description of first aid measures**

**Inhalation**

Remove person to fresh air. If you feel unwell, get medical attention.

**Skin contact**

Immediately wash with soap and water. Remove contaminated clothing and wash before reuse. If signs/symptoms develop, get medical attention.

#### **Eye contact**

No need for first aid is anticipated.

#### **If swallowed**

Do not induce vomiting. Get immediate medical attention.

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

### **5.1. Extinguishing media**

In case of fire: Use a fire fighting agent suitable for flammable liquids such as dry chemical or carbon dioxide to extinguish.

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

Closed containers exposed to heat from fire may build pressure and explode.

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

##### Substance

Carbon monoxide

Carbon dioxide.

##### Condition

During combustion.

During combustion.

### **5.3. Advice for fire-fighters**

Water may not effectively extinguish fire; however, it should be used to keep fire-exposed containers and surfaces cool and prevent explosive rupture. 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. Keep away from heat/sparks/open flames/hot surfaces. - No smoking. 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. Warning! A motor could be an ignition source and could cause flammable gases or vapours in the spill area to burn or explode. Refer to other sections of this SIS for information regarding physical and health hazards, respiratory protection, ventilation, and personal protective equipment.

### **6.2. Environmental precautions**

Avoid release to the environment.

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

Contain spill. Cover spill area with a fire extinguishing foam that is resistant to polar solvents. Collect as much of the spilled material as possible using non-sparking tools. Place in a metal container approved for transportation by appropriate authorities. Clean up residue with detergent and water. Seal the container. Dispose of collected material as soon as possible.

## **SECTION 7: Handling and storage**

Refer to Instructions for Use (IFU) for more information.

## **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
Hydrocarbon	110-54-3	UK HSC	TWA:72 mg/m <sup>3</sup> (20 ppm)	
Ethyl alcohol	64-17-5	UK HSC	TWA:1920 mg/m <sup>3</sup> (1000 ppm)	
Thickener	Trade Secret	UK HSC	TWA(as inhalable dust):6 mg/m <sup>3</sup> ;TWA(as respirable dust):2.4 mg/m <sup>3</sup>	

UK HSC : 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 information sheet.

## 8.2. Exposure controls

### 8.2.1. Engineering controls

Use in a well-ventilated area.

### 8.2.2. Personal protective equipment (PPE)

#### Eye/face protection

Select and use eye/face protection to prevent contact based on the results of an exposure assessment. The following eye/face protection(s) are recommended:  
Safety glasses with side shields.

#### Applicable Norms/Standards

Use eye protection conforming to EN 166

#### Skin/hand protection

See Section 7.1 for additional information on skin protection.

#### Respiratory protection

None required.

## SECTION 9: Physical and chemical properties

### 9.1. Information on basic physical and chemical properties

#### Appearance

Physical state

Liquid.

Colour

Light Yellow

Specific Physical Form:

Liquid.

Odor

Minty, Cherry, Melon

pH

*Not applicable.*

Boiling point/boiling range

68 °C

Melting point

*Not applicable.*

Flammability (solid, gas)

Not applicable.

Explosive properties

Not classified

Oxidising properties

Not classified

Flash point	25 °C [ <i>Test Method</i> :Closed Cup]
Autoignition temperature	<i>No data available.</i>
Flammable Limits(LEL)	<i>No data available.</i>
Flammable Limits(UEL)	<i>No data available.</i>
Relative density	0.8 [ <i>Ref Std</i> :WATER=1]
Water solubility	Moderate
Viscosity	<i>No data available.</i>
Density	0.8 g/ml

#### 9.2. Other information

EU Volatile Organic Compounds	<i>No data available.</i>
Molecular weight	<i>Not applicable.</i>

## SECTION 10: Stability and reactivity

### 10.1 Reactivity

This material is considered to be non reactive under normal use conditions

### 10.2 Chemical stability

Stable.

### 10.3 Possibility of hazardous reactions

Hazardous polymerisation will not occur.

### 10.4 Conditions to avoid

Heat.

### 10.5 Incompatible materials

Strong oxidising agents.  
Strong acids.

### 10.6 Hazardous decomposition products

<u>Substance</u>	<u>Condition</u>
None known.	

Refer to section 5.2 for hazardous decomposition products during combustion.

## SECTION 11: Toxicological information

The information below may not agree with the EU 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 Toxicological effects

#### Signs and Symptoms of Exposure

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

#### Inhalation

Exposures needed to cause the following health effect(s) are not expected during normal, intended use:

Respiratory tract irritation: Signs/symptoms may include cough, sneezing, nasal discharge, headache, hoarseness, and nose and throat pain.

May cause additional health effects (see below).

#### **Skin contact**

Mild Skin Irritation: Signs/symptoms may include localised redness, swelling, itching, and dryness.

#### **Eye contact**

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

#### **Ingestion**

Chemical (aspiration) pneumonitis: Signs/symptoms may include coughing, gasping, choking, burning of the mouth, difficulty breathing, bluish coloured skin (cyanosis), and may be fatal. Gastrointestinal irritation: Signs/symptoms may include abdominal pain, stomach upset, nausea, vomiting and diarrhoea. May cause additional health effects (see below).

#### **Additional Health Effects:**

##### **Single exposure may cause target organ effects:**

Exposures needed to cause the following health effect(s) are not expected during normal, intended use:

Central nervous system (CNS) depression: Signs/symptoms may include headache, dizziness, drowsiness, incoordination, nausea, slowed reaction time, slurred speech, giddiness, and unconsciousness.

##### **Prolonged or repeated exposure may cause target organ effects:**

Exposures needed to cause the following health effect(s) are not expected during normal, intended use:

Hard tissue effects: Signs/symptoms may include colour changes in the teeth and nails, changes in development of bone, teeth or nails, weakening of the bones, and hair loss. Peripheral neuropathy: Signs/symptoms may include tingling or numbness of the extremities, incoordination, weakness of the hands and feet, tremors and muscle atrophy.

#### **Reproductive/Developmental Toxicity:**

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

#### **Additional information:**

This product contains ethanol. Alcoholic beverages and ethanol in alcoholic beverages have been classified by the International Agency for Research on Cancer as carcinogenic to humans. There are also data associating human consumption of alcoholic beverages with developmental toxicity and liver toxicity. Exposure to ethanol during the foreseeable use of this product is not expected to cause cancer, developmental toxicity, or liver toxicity.

#### **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
Overall product	Ingestion	Rat	LD50 > 2,000 mg/kg
Pentaerythritol Glycerol ester of Colophony Resin	Dermal		LD50 estimated to be > 5,000 mg/kg
Pentaerythritol Glycerol ester of Colophony Resin	Ingestion	Rat	LD50 8,400 mg/kg
Hydrocarbon	Dermal	Rabbit	LD50 > 2,000 mg/kg
Hydrocarbon	Inhalation-Vapour (4 hours)	Rat	LC50 170 mg/l
Hydrocarbon	Ingestion	Rat	LD50 > 28,700 mg/kg
Ethyl alcohol	Dermal	Rabbit	LD50 > 15,800 mg/kg
Ethyl alcohol	Inhalation-Vapour (4 hours)	Rat	LC50 124.7 mg/l
Ethyl alcohol	Ingestion	Rat	LD50 17,800 mg/kg

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Flavor Enhancer	Dermal		LD50 estimated to be > 5,000 mg/kg
Thickener	Dermal	Rabbit	LD50 > 5,000 mg/kg
Flavor Enhancer	Ingestion	Rat	LD50 16,500 mg/kg
Sodium fluoride	Dermal	Rat	LD50 > 2,000 mg/kg
Sodium fluoride	Inhalation-Dust/Mist	Rat	LC50 1 mg/l
Sodium fluoride	Ingestion	Rat	LD50 148.5 mg/kg
Thickener	Inhalation-Dust/Mist (4 hours)	Rat	LC50 > 0.691 mg/l
Thickener	Ingestion	Rat	LD50 > 5,110 mg/kg

ATE = acute toxicity estimate

### Skin Corrosion/Irritation

Name	Species	Value
Hydrocarbon	Human and animal	Mild irritant
Ethyl alcohol	Rabbit	No significant irritation
Sodium fluoride	official classification	Irritant
Thickener	Rabbit	No significant irritation

### Serious Eye Damage/Irritation

Name	Species	Value
Hydrocarbon	Rabbit	Mild irritant
Ethyl alcohol	Rabbit	Severe irritant
Sodium fluoride	official classification	Severe irritant
Thickener	Rabbit	No significant irritation

### Skin Sensitisation

Name	Species	Value
Hydrocarbon	Human	Not classified
Ethyl alcohol	Human	Not classified
Thickener	Human and animal	Not classified

### 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
Hydrocarbon	In Vitro	Not mutagenic
Hydrocarbon	In vivo	Not mutagenic
Ethyl alcohol	In Vitro	Some positive data exist, but the data are not sufficient for classification
Ethyl alcohol	In vivo	Some positive data exist, but the data are not sufficient for classification
Thickener	In Vitro	Not mutagenic

### Carcinogenicity

Name	Route	Species	Value
Hydrocarbon	Dermal	Mouse	Not carcinogenic
Hydrocarbon	Inhalation	Mouse	Some positive data exist, but the data are not sufficient for classification
Ethyl alcohol	Ingestion	Multiple animal species	Some positive data exist, but the data are not sufficient for classification
Thickener	Not specified.	Mouse	Some positive data exist, but the data are not sufficient for classification

### Reproductive Toxicity

### Reproductive and/or Developmental Effects

Name	Route	Value	Species	Test result	Exposure
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					<b>Duration</b>
Hydrocarbon	Ingestion	Not classified for development	Mouse	NOAEL 2,200 mg/kg/day	during organogenesis
Hydrocarbon	Inhalation	Not classified for development	Rat	NOAEL 0.7 mg/l	during gestation
Hydrocarbon	Ingestion	Toxic to male reproduction	Rat	NOAEL 1,140 mg/kg/day	90 days
Hydrocarbon	Inhalation	Toxic to male reproduction	Rat	LOAEL 3.52 mg/l	28 days
Ethyl alcohol	Inhalation	Not classified for development	Rat	NOAEL 38 mg/l	during gestation
Ethyl alcohol	Ingestion	Not classified for development	Rat	NOAEL 5,200 mg/kg/day	premating & during gestation
Thickener	Ingestion	Not classified for female reproduction	Rat	NOAEL 509 mg/kg/day	1 generation
Thickener	Ingestion	Not classified for male reproduction	Rat	NOAEL 497 mg/kg/day	1 generation
Thickener	Ingestion	Not classified for development	Rat	NOAEL 1,350 mg/kg/day	during organogenesis

**Target Organ(s)**

**Specific Target Organ Toxicity - single exposure**

<b>Name</b>	<b>Route</b>	<b>Target Organ(s)</b>	<b>Value</b>	<b>Species</b>	<b>Test result</b>	<b>Exposure Duration</b>
Hydrocarbon	Inhalation	central nervous system depression	May cause drowsiness or dizziness	Human	NOAEL Not available	not available
Hydrocarbon	Inhalation	respiratory irritation	Some positive data exist, but the data are not sufficient for classification	Rabbit	NOAEL Not available	8 hours
Hydrocarbon	Inhalation	respiratory system	Not classified	Rat	NOAEL 24.6 mg/l	8 hours
Ethyl alcohol	Inhalation	central nervous system depression	May cause drowsiness or dizziness	Human	LOAEL 2.6 mg/l	30 minutes
Ethyl alcohol	Inhalation	respiratory irritation	Some positive data exist, but the data are not sufficient for classification	Human	LOAEL 9.4 mg/l	not available
Ethyl alcohol	Ingestion	central nervous system depression	May cause drowsiness or dizziness	Multiple animal species	NOAEL not available	
Ethyl alcohol	Ingestion	kidney and/or bladder	Not classified	Dog	NOAEL 3,000 mg/kg	
Sodium fluoride	Inhalation	respiratory irritation	Some positive data exist, but the data are not sufficient for classification	Human	NOAEL Not available	occupational exposure

**Specific Target Organ Toxicity - repeated exposure**

<b>Name</b>	<b>Route</b>	<b>Target Organ(s)</b>	<b>Value</b>	<b>Species</b>	<b>Test result</b>	<b>Exposure Duration</b>
Hydrocarbon	Inhalation	peripheral nervous system	Causes damage to organs through prolonged or repeated exposure	Human	NOAEL Not available	occupational exposure
Hydrocarbon	Inhalation	respiratory system	Some positive data exist, but the data are not sufficient for classification	Mouse	LOAEL 1.76 mg/l	13 weeks
Hydrocarbon	Inhalation	liver	Not classified	Rat	NOAEL Not available	6 months
Hydrocarbon	Inhalation	kidney and/or bladder	Not classified	Rat	LOAEL 1.76 mg/l	6 months
Hydrocarbon	Inhalation	hematopoietic system	Not classified	Mouse	NOAEL 35.2 mg/l	13 weeks
Hydrocarbon	Inhalation	auditory system   immune system   eyes	Not classified	Human	NOAEL Not available	occupational exposure
Hydrocarbon	Inhalation	heart   skin   endocrine system	Not classified	Rat	NOAEL 1.76 mg/l	6 months
Hydrocarbon	Ingestion	peripheral nervous system	Some positive data exist, but the data are not sufficient for classification	Rat	NOAEL 1,140 mg/kg/day	90 days
Hydrocarbon	Ingestion	endocrine system   hematopoietic system	Not classified	Rat	NOAEL Not available	13 weeks

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		liver   immune system   kidney and/or bladder				
Ethyl alcohol	Inhalation	liver	Some positive data exist, but the data are not sufficient for classification	Rabbit	LOAEL 124 mg/l	365 days
Ethyl alcohol	Inhalation	hematopoietic system   immune system	Not classified	Rat	NOAEL 25 mg/l	14 days
Ethyl alcohol	Ingestion	liver	Some positive data exist, but the data are not sufficient for classification	Rat	LOAEL 8,000 mg/kg/day	4 months
Ethyl alcohol	Ingestion	kidney and/or bladder	Not classified	Dog	NOAEL 3,000 mg/kg/day	7 days
Sodium fluoride	Inhalation	bone, teeth, nails, and/or hair	Causes damage to organs through prolonged or repeated exposure	Human	NOAEL Not available	occupational exposure
Sodium fluoride	Ingestion	bone, teeth, nails, and/or hair	Causes damage to organs through prolonged or repeated exposure	Human	NOAEL 0.33 mg/kg/day	environmental exposure
Thickener	Inhalation	respiratory system   silicosis	Not classified	Human	NOAEL Not available	occupational exposure

**Aspiration Hazard**

Name	Value
Hydrocarbon	Aspiration hazard

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

The product was evaluated by a toxicologist to be safe for its intended use.

**SECTION 12: Ecological information**

The information below may not agree with the EU 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	Type	Exposure	Test endpoint	Test result
Pentaerythritol Glycerol ester of Colophony Resin	Trade Secret	Water flea	Experimental	48 hours	Effect Level 50%	>100 mg/l
Pentaerythritol Glycerol ester of Colophony Resin	Trade Secret	Fathead minnow	Experimental	96 hours	Lethal Level 50%	>100 mg/l
Pentaerythritol Glycerol ester of Colophony Resin	Trade Secret	Green algae	Experimental	72 hours	Effect Level 50%	>100 mg/l
Pentaerythritol Glycerol ester of Colophony Resin	Trade Secret	Green algae	Experimental	72 hours	No obs Effect Level	>100 mg/l
Hydrocarbon	110-54-3	Water flea	Experimental	48 hours	LC50	3.9 mg/l
Hydrocarbon	110-54-3	Fathead minnow	Experimental	96 hours	LC50	2.5 mg/l
Ethyl alcohol	64-17-5	Water flea	Experimental	48 hours	LC50	5,012 mg/l
Ethyl alcohol	64-17-5	Rainbow trout	Experimental	96 hours	LC50	42 mg/l
Ethyl alcohol	64-17-5	Water flea	Experimental	10 days	NOEC	9.6 mg/l

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Ethyl alcohol	64-17-5	Algae other	Experimental	96 hours	NOEC	1,580 mg/l
Sodium fluoride	7681-49-4	Green algae	Experimental	96 hours	EC50	95 mg/l
Sodium fluoride	7681-49-4	Rainbow trout	Experimental	96 hours	LC50	238 mg/l
Sodium fluoride	7681-49-4	Crustacea other	Experimental	96 hours	EC50	57 mg/l
Sodium fluoride	7681-49-4	Water flea	Experimental	21 days	NOEC	31 mg/l
Sodium fluoride	7681-49-4	Rainbow trout	Experimental	21 days	NOEC	4 mg/l
Flavor Enhancer	Trade Secret	Water flea	Experimental	48 hours	LC50	48,500 mg/l
Thickener	Trade Secret		Data not available or insufficient for classification			

## 12.2. Persistence and degradability

Material	CAS Nbr	Test type	Duration	Study Type	Test result	Protocol
Pentaerythritol Glycerol ester of Colophony Resin	Trade Secret	Experimental Biodegradation	28 days	CO2 evolution	0 % weight	OECD 301B - Modified sturm or CO2
Hydrocarbon	110-54-3	Experimental Photolysis		Photolytic half-life (in air)	5.4 days (t 1/2)	Other methods
Hydrocarbon	110-54-3	Experimental Bioconcentration	28 days	BOD	100 % weight	OECD 301C - MITI test (I)
Ethyl alcohol	64-17-5	Experimental Biodegradation	14 days	BOD	89 % BOD/ThBOD	OECD 301C - MITI test (I)
Sodium fluoride	7681-49-4	Data not availbl-insufficient			N/A	
Flavor Enhancer	Trade Secret	Experimental Biodegradation	14 days	BOD	82 % BOD/ThBOD	OECD 301C - MITI test (I)
Thickener	Trade Secret	Data not availbl-insufficient			N/A	

## 12.3 : Bioaccumulative potential

Material	Cas No.	Test type	Duration	Study Type	Test result	Protocol
Pentaerythritol Glycerol ester of Colophony Resin	Trade Secret	Experimental Bioconcentration		Log Kow	3.6	Other methods
Hydrocarbon	110-54-3	Estimated Bioconcentration		Bioaccumulation factor	50	Estimated: Bioconcentration factor
Ethyl alcohol	64-17-5	Experimental Bioconcentration		Log Kow	-0.35	Other methods
Sodium fluoride	7681-49-4	Data not available or insufficient for classification	N/A	N/A	N/A	N/A
Flavor Enhancer	Trade Secret	Estimated Bioconcentration		Bioaccumulation factor	2.3	Estimated: Bioconcentration factor
Thickener	Trade Secret	Data not available or insufficient for classification	N/A	N/A	N/A	N/A

## 12.4. Mobility in soil

Please contact manufacturer for more details

## 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

No information available.

## SECTION 13: Disposal considerations

### 13.1 Waste treatment methods

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

Refer to Instructions for Use (IFU) for more information.

### EU waste code (product as sold)

180107 Chemicals other than those mentioned in 18 01 06

## SECTION 14: Transportation information

70-2010-5754-7

70-2014-0116-6

70-2014-0117-4

70-2014-0255-2

70-2014-0669-4

70-2014-0915-1

70-2010-8839-3

70-2010-8840-1

70-2014-0110-9

70-2014-0111-7

70-2014-0112-5

70-2014-0113-3

70-2014-0114-1

70-2014-0115-8

## SECTION 15: Regulatory information

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

#### Carcinogenicity

Contact the manufacturer for more information

#### Global inventory status

Contact the manufacturer for more information

## SECTION 16: Other information

### List of relevant H statements

EUH032	Contact with acid liberates very toxic gas.
H225	Highly flammable liquid and vapour.
H226	Flammable liquid and vapour.
H301	Toxic if swallowed.
H304	May be fatal if swallowed and enters airways.
H315	Causes skin irritation.
H319	Causes serious eye irritation.
H336	May cause drowsiness or dizziness.
H361f	Suspected of damaging fertility.
H373	May cause damage to organs through prolonged or repeated exposure.
H411	Toxic to aquatic life with long lasting effects.
H412	Harmful to aquatic life with long lasting effects.

**Revision information:**

Revision information not available

The product to which this Safety Information Sheet applies is classified as a medical device according to the EU Medical Device Regulation EU 2017/745. \_x000D\_ Medical devices which are invasive or used in direct physical contact with the human body are exempt from the requirements of classification and labelling according to Regulation (EC) No. 1272/2008 (CLP; Article 1, paragraph 5). \_x000D\_

The EU Medical Device Regulation does not foresee the use of Safety Data sheets for medical devices which are invasive or used in direct physical contact with the human body, as the safe use of the product is described through the Instructions for Use and /or the labelling for the product. Nevertheless, the 3M Safety Information Sheet is provided as a further service to customers to provide additional toxicology and chemical information on the product. In case of further questions, please contact your 3M representative listed on the Safety Information Sheet.

**3M United Kingdom Safety Information Sheets are available at [www.3M.com/uk](http://www.3M.com/uk)**