

**MATERIAL AND SAFETY DATA SHEET (SDS)**

Flexi Base Gel

**SECTION 01 - IDENTIFICATION**

<b>Product name</b>	Flexi Base Gel
<b>Distributor / Manufacturer:</b>	Nail Gaga Ltd
<b>Address</b>	57 Mill Street. CV12 8JX UK
<b>E-mail</b>	<a href="mailto:admin@nailgaga.co.uk">admin@nailgaga.co.uk</a>
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**SECTION 02 – COMPOSITION / INFORMATION ON INGREDIENTS**

Product/ingredient name	INCI Name	Identifiers	%	Classification Regulation (EC) No. 1272/2008 [CLP]	Type
2-hydroxyethyl methacrylate	HEMA	REACH #: 01-2119490169-29 EC: 212-782-2 CAS: 868-77-9 Index: 607-124-00-X	≥25 - ≤50	Skin Irrit. 2, H315 Eye Irrit. 2, H319 Skin Sens. 1, H317	[1]
CELLULOSE ACETATE BUTYRATE	CELLULOSE ACETATE BUTYRATE	EC: 618-381-2 CAS: 9004-36-8	≥10 - ≤17	Acute Tox. 4, H312	[1]
TPO	Trimethylbenzoyl diphenylphosphine oxide	EC: 278-355-8 CAS: 75980-60-8 Index: 015-203-00-X	≤5	Repr. 2, H361f (Fertility, causing atrophy of the testes)	[1]
Ethylene glycol dimethacrylate	Glycol HEMAmethacrylate	EC: 202-617-2 CAS: 97-90-5 Index: 607-114-00-5	≤3	Skin Sens. 1, H317 STOT SE 3, H335	[1]

Occupational exposure limits, if available, are listed in Section 8. There are no additional ingredients present which, within the current knowledge of the supplier and in the concentrations applicable, are classified as hazardous to health or the environment, are PBTs, vPvBs or Substances of equivalent concern, or have been assigned a workplace exposure limit and hence require reporting in this section.

## Type

- [1] Substance classified with a health or environmental hazard
- [2] Substance with a workplace exposure limit
- [3] Substance meets the criteria for PBT according to Regulation (EC) No. 1907/2006, Annex XIII
- [4] Substance meets the criteria for vPvB according to Regulation (EC) No. 1907/2006, Annex XIII
- [5] Substance of equivalent concern
- [6] Additional disclosure due to company policy

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**SECTION 03 – HAZARDS IDENTIFICATION****2.1 Classification of the substance or mixture****Product definition :** Mixture**Classification according to Regulation (EC) No. 1272/2008 [CLP/GHS]**

Acute Tox. 4, H312

Skin Irrit. 2, H315

Eye Irrit. 2, H319

Skin Sens. 1, H317

Repr. 2, H361f (Fertility)

The product is classified as hazardous according to Regulation (EC) 1272/2008 as amended.

**Ingredients of unknown toxicity**

67.9 percent of the mixture consists of component(s) of unknown oral toxicity

83.8 percent of the mixture consists of component(s) of unknown dermal toxicity

99.6 percent of the mixture consists of component(s) of unknown inhalation toxicity

**Ingredients of unknown ecotoxicity:**

Contains 69.3 % of components with unknown hazards to the aquatic environment

See Section 11 for more detailed information on health effects and symptoms.

See Section 16 for the full text of the H statements declared above.

**2.2 Label elements****Hazard pictograms :****Signal word :** Warning**Hazard statements :**

Harmful in contact with skin.

Causes serious eye irritation.

Causes skin irritation.

May cause an allergic skin reaction.

Suspected of damaging fertility.

**Precautionary statements****Prevention :**

Obtain special instructions before use. Wear protective gloves. Wear protective clothing. Wear eye or face protection.

**Response :**

IF exposed or concerned: Get medical attention. IF ON SKIN: Call a POISON CENTER or physician if you feel unwell.

**Storage :**

Store locked up.

**Disposal :**

Dispose of contents and container in accordance with all local, regional, national and international regulations.

**Hazardous ingredients**

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2-hydroxyethyl methacrylate  
CELLULOSE ACETATE BUTYRATE  
TPO  
Ethylene glycol dimethacrylate

### Supplemental label elements:

Not applicable.

**Annex XVII – Restrictions on the manufacture, placing on the market and use of certain dangerous substances, mixtures and articles:** Not applicable.

### Special packaging requirements

**Containers to be fitted with child-resistant fastenings :**

Not applicable.

### Tactile warning of danger

Not applicable.

### 2.3 Other hazards

**Other hazards which do not result in classification**

None known.



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**SECTION 04 – FIRST AID MEASURES****4.1 Description of first aid measures****Eye contact**

Immediately flush eyes with plenty of water, occasionally lifting the upper and lower eyelids. Check for and remove any contact lenses. Continue to rinse for at least 10 minutes. Get medical attention.

**Inhalation**

Remove victim to fresh air and keep at rest in a position comfortable for breathing. If not breathing, if breathing is irregular or if respiratory arrest occurs, provide artificial respiration or oxygen by trained personnel. It may be dangerous to the person providing aid to give mouth-to-mouth resuscitation. Get medical attention. If unconscious, place in recovery position and get medical attention immediately. Maintain an open airway. Loosen tight clothing such as a collar, tie, belt or waistband. In case of inhalation of decomposition products in a fire, symptoms may be delayed. The exposed person may need to be kept under medical surveillance for 48 hours.

**Skin contact**

Wash with plenty of soap and water. Remove contaminated clothing and shoes. Wash contaminated clothing thoroughly with water before removing it, or wear gloves. Continue to rinse for at least 10 minutes. Get medical attention. If necessary, call a poison center or physician. In the event of any complaints or symptoms, avoid further exposure. Wash clothing before reuse. Clean shoes thoroughly before reuse.

**Ingestion**

Wash out mouth with water. Remove dentures if any. Remove victim to fresh air and keep at rest in a position comfortable for breathing. If material has been swallowed and the exposed person is conscious, give small quantities of water to drink. Stop if the exposed person feels sick as vomiting may be dangerous. Do not induce vomiting unless directed to do so by medical personnel. If vomiting occurs, the head should be kept low so that vomit does not enter the lungs. Get medical attention. Never give anything by mouth to an unconscious person. If unconscious, place in recovery position and get medical attention immediately. Maintain an open airway. Loosen tight clothing such as a collar, tie, belt or waistband.

**Protection of first-aiders**

No action shall be taken involving any personal risk or without suitable training. It may be dangerous to the person providing aid to give mouth-to-mouth resuscitation. Wash contaminated clothing thoroughly with water before removing it, or wear gloves.

**4.2 Most important symptoms and effects, both acute and delayed****Potential acute health effects****Eye contact**

Adverse symptoms may include the following:

- pain or irritation
- watering
- redness



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### Inhalation

No specific data.

### Skin contact

Adverse symptoms may include the following:  
redness

### Ingestion :

No specific data.

### Eye contact : Adverse symptoms may include the following:

pain or irritation  
watering  
redness

### Inhalation Adverse symptoms may include the following:

nausea or vomiting  
headache  
drowsiness/fatigue  
dizziness/vertigo  
unconsciousness

### Skin contact

Adverse symptoms may include the following:  
irritation  
redness

### Ingestion

No specific data.

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

**Notes to physician** Treat symptomatically. Contact poison treatment specialist immediately if large quantities have been ingested or inhaled.

**Specific treatments** : No specific treatment.

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### SECTION 05 – FIRE FIGHTING MEASURES

#### 5.1 Extinguishing media

##### **Suitable extinguishing media**

Use an extinguishing agent suitable for the surrounding fire.

##### **Unsuitable extinguishing media**

None known.

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

##### **Hazards from the substance or mixture**

In a fire or if heated, a pressure increase will occur and the container may burst.

##### **Hazardous thermal decomposition products**

Decomposition products may include the following materials:

carbon dioxide  
carbon monoxide  
nitrogen oxides  
phosphorus oxides

#### 5.3 Advice for firefighters

##### **Special protective actions for fire-fighters**

Promptly isolate the scene by removing all persons from the vicinity of the incident if there is a fire. No action shall be taken involving any personal risk or without suitable training.

##### **Special protective equipment for fire-fighters**

Fire-fighters should wear appropriate protective equipment and self-contained breathing apparatus (SCBA) with a full face-piece operated in positive pressure mode. Clothing for fire-fighters (including helmets, protective boots and gloves) conforming to European standard EN 469 will provide a basic level of protection for chemical incidents.

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**SECTION 06 – ACCIDENTAL RELEASE MEASURES****6.1 Personal precautions, protective equipment and emergency procedures****For non-emergency personnel**

No action shall be taken involving any personal risk or without suitable training. Evacuate surrounding areas. Keep unnecessary and unprotected personnel from entering. Do not touch or walk through spilt material. Shut off all ignition sources. No flares, smoking or flames in hazard area. Avoid breathing vapour or mist. Provide adequate ventilation. Wear appropriate respirator when ventilation is inadequate. Put on appropriate personal protective equipment.

**For emergency responders :**

If specialised clothing is required to deal with the spillage, take note of any information in Section 8 on suitable and unsuitable materials. See also the information in "For non-emergency personnel".

**6.2 Environmental precautions**

Avoid dispersal of spilt material and runoff and contact with soil, waterways, drains and sewers. Inform the relevant authorities if the product has caused environmental pollution (sewers, waterways, soil or air).

**6.3 Methods and material for containment and cleaning up****Small spill :**

Stop leak if without risk. Move containers from spill area. Use spark-proof tools and explosion-proof equipment. Dilute with water and mop up if water-soluble. Alternatively, or if water-insoluble, absorb with an inert dry material and place in an appropriate waste disposal container. Dispose of via a licensed waste disposal contractor.

**Large spill**

Stop leak if without risk. Move containers from spill area. Use spark-proof tools and explosion-proof equipment. Approach the release from upwind. Prevent entry into sewers, water courses, basements or confined areas. Wash spillages into an effluent treatment plant or proceed as follows. Contain and collect spillage with noncombustible, absorbent material e.g. sand, earth, vermiculite or diatomaceous earth and place in container for disposal according to local regulations. Dispose of via a licensed waste disposal contractor. Contaminated absorbent material may pose the same hazard as the spilt product.

**6.4 Reference to other sections**

See Section 1 for emergency contact information.

See Section 8 for information on appropriate personal protective equipment.

See Section 13 for additional waste treatment information.



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**SECTION 07 – HANDLING AND STORAGE**

The information in this section contains generic advice and guidance. The list of Identified Uses in Section 1 should be consulted for any available use-specific information provided in the Exposure Scenario(s).

**7.1 Precautions for safe handling****Protective measures :**

Put on appropriate personal protective equipment (see Section 8). Do not ingest. Avoid contact with eyes, skin and clothing. Avoid breathing vapour or mist. Avoid release to the environment. Use only with adequate ventilation. Wear appropriate respirator when ventilation is inadequate. Do not enter storage areas and confined spaces unless adequately ventilated. Keep in the original container or an approved alternative made from a compatible material, kept tightly closed when not in use. Store and use away from heat, sparks, open flame or any other ignition source. Use explosion-proof electrical (ventilating, lighting and material handling) equipment. Use only non-sparking tools. Take precautionary measures against electrostatic discharges. Empty containers retain product residue and can be hazardous. Do not reuse container.

**Advice on general occupational hygiene**

Eating, drinking and smoking should be prohibited in areas where this material is handled, stored and processed. Workers should wash hands and face before eating, drinking and smoking. Remove contaminated clothing and protective equipment before entering eating areas. See also Section 8 for additional information on hygiene measures.

**7.2 Conditions for safe storage, including any incompatibilities**

Shield UV light sources. Do not store above the following temperature: 38°C (100.4°F). Store in accordance with local regulations. Store in original container protected from direct sunlight in a dry, cool and well-ventilated area, away from incompatible materials (see Section 10) and food and drink. Store locked up. Keep container tightly closed and sealed until ready for use. Containers that have been opened must be carefully resealed and kept upright to prevent leakage. Do not store in unlabeled containers. Use appropriate containment to avoid environmental contamination. Inhibitor requires oxygen to function. Maintain proper headspace and re-aerate the product by mixing every 3 months.

**7.3 Specific end use(s)****Recommendations :**

Not available.

**Industrial sector specific solutions**

Not available.

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**SECTION 08 – EXPOSURE CONTROLS / PERSONAL PROTECTIVE EQUIPMENT**

The information in this section contains generic advice and guidance. Information is provided based on typical anticipated uses of the product. Additional measures might be required for bulk handling or other uses that could significantly increase worker exposure or environmental releases.

**8.1 Control parameters****Occupational exposure limits**

No exposure limit value known.

**Recommended monitoring procedures**

If this product contains ingredients with exposure limits, personal, workplace atmosphere or biological monitoring may be required to determine the effectiveness of the ventilation or other control measures and/or the necessity to use respiratory protective equipment. Reference should be made to monitoring standards, such as the following: European Standard EN 689 (Workplace atmospheres - Guidance for the assessment of exposure by inhalation to chemical agents for comparison with limit values and measurement strategy) European Standard EN 14042 (Workplace atmospheres - Guide for the application and use of procedures for the assessment of exposure to chemical and biological agents) European Standard EN 482 (Workplace atmospheres - General requirements for the performance of procedures for the measurement of chemical agents) Reference to national guidance documents for methods for the determination of hazardous substances will also be required.

**DNELs/DMELs**

No DNELs/DMELs available.

**PNECs**

No PNECs available

**8.2 Exposure controls****Appropriate engineering controls**

If user operations generate dust, fumes, gas, vapor or mist, use process enclosures, local exhaust ventilation or other engineering controls to keep worker exposure to airborne contaminants below any recommended or statutory limits.

**Individual protection measures****Hygiene measures :**

Wash hands, forearms and face thoroughly after handling chemical products, before eating, smoking and using the lavatory and at the end of the working period. Appropriate techniques should be used to remove potentially contaminated clothing. Wash contaminated clothing before reusing. Ensure that eyewash stations and safety showers are close to the workstation location.

**Eye/face protection**

:

Safety eyewear complying with an approved standard should be used when a risk assessment indicates this is necessary to avoid exposure to liquid splashes, mists, gases or dusts. If contact is possible, the following protection should be worn, unless the assessment indicates a higher degree of protection: chemical splash goggles.

**Skin protection**

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Chemical-resistant, impervious gloves complying with an approved standard should be worn at all times when handling chemical products if a risk assessment indicates this is necessary. Considering the parameters specified by the glove manufacturer, check during use that the gloves are still retaining their protective properties. It should be noted that the time to breakthrough for any glove material may be different for different glove manufacturers. In the case of mixtures, consisting of several substances, the protection time of the gloves cannot be accurately estimated.

**Body protection :**

Personal protective equipment for the body should be selected based on the task being performed and the risks involved and should be approved by a specialist before handling this product.

**Other skin protection**

Appropriate footwear and any additional skin protection measures should be selected based on the task being performed and the risks involved and should be approved by a specialist before handling this product.

**Respiratory protection :**

Based on the hazard and potential for exposure, select a respirator that meets the appropriate standard or certification. Respirators must be used according to a respiratory protection program to ensure proper fitting, training, and other important aspects of use

**Environmental exposure controls**

: Emissions from ventilation or work process equipment should be checked to ensure they comply with the requirements of environmental protection legislation. In some cases, fume scrubbers, filters or engineering modifications to the process equipment will be necessary to reduce emissions to acceptable levels.

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### SECTION 09 – PHYSICAL AND CHEMICAL PROPERTIES

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

##### Appearance

##### Physical state

Liquid.

##### Odour

Characteristic. Acrylate odor

##### Colour

Clear. Colourless. [Light]

##### Odor threshold

Not available.

##### pH

Not available.

##### Melting point/freezing point

Not available.

##### Initial boiling point and boiling range

Not available.

##### Flash point

Closed cup: -18 to 23°C

##### Evaporation rate

Not available.

##### Flammability (solid, gas)

Not available.

##### Upper/lower flammability or explosive limits

Not available.

##### Vapour pressure

Not available.

##### Vapour density

Not available.

##### Relative density

Not available.

##### Solubility(ies)

Not available.

##### Partition coefficient: n-octanol/

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Not available.

**water**

Not available.

**Auto-ignition temperature**

Not available.

**Decomposition temperature**

Not available.

**Viscosity**

Not available.

**Explosive properties**

Not available.

**Oxidizing properties**

Not available.

**9.2 Other information**

**Solubility in water**

Not applicable.





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### SECTION 10 – STABILITY AND REACTIVITY

#### 10.1 Reactivity:

No specific test data related to reactivity available for this product or its ingredients.

#### 10.2 Chemical stability

The product is stable.

#### 10.3 Possibility of hazardous reactions

Hazardous polymerization may occur under certain conditions of storage or use. These could cause the product to polymerize exothermically. Unintentional contact with them should be avoided.

#### 10.4 Conditions to avoid

No specific test data.

#### 10.5 Incompatible materials :

No specific test data.

#### 10.6 Hazardous decomposition products

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



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**SECTION 11 – TOXICOLOGICAL INFORMATION****Acute toxicity****11.1 Information on toxicological effects**

Product/ingredient name	Result	Species	Dose	Exposure
2-hydroxyethyl methacrylate	LD50 Oral	Rat	5050 mg/kg	-
Ethylene glycol dimethacrylate	LD50 Oral	Rat	3300 mg/kg	-

**Conclusion/Summary :**

Not available.

**Acute toxicity estimates**

Not available.

Route	ATE value
Dermal	1621.7 mg/kg

**Carcinogenicity****Conclusion/Summary**

Not available.

**Mutagenicity****Conclusion/Summary**

Not available.

**Teratogenicity****Conclusion/Summary**

Not available.

**Reproductive toxicity****Conclusion/Summary**

Not available.

**Irritation/Corrosion****Conclusion/Summary**

Not available.

**Sensitization****Conclusion/Summary**

Not available.

**Specific target organ toxicity (single exposure)**

Product/ingredient name	Category	Route of exposure	Target organs
Ethylene glycol dimethacrylate	Category 3	Not applicable.	Respiratory tract irritation

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### Specific target organ toxicity (repeated exposure)

Not available.

### Aspiration hazard

Not available.

### Information on the likely routes of exposure

Not available.

### Potential acute health effects

#### Inhalation

No known significant effects or critical hazards.

#### Ingestion

No known significant effects or critical hazards.

#### Skin contact

Harmful in contact with skin. Causes skin irritation. May cause an allergic skin reaction.

#### Eye contact

Causes serious eye irritation.

### Symptoms related to the physical, chemical and toxicological characteristics

#### Eye contact

Adverse symptoms may include the following:

pain or irritation

watering

redness

#### Skin contact

No specific data.

#### Ingestion

Adverse symptoms may include the following:

redness

irritation

#### Inhalation

No specific data.

### Delayed and immediate effects and also chronic effects from short and long term exposure

### Potential chronic health effects

Not available.

### Short term exposure

Not available.

### Long term exposure

Not available.

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### Potential immediate effects

Not available.

### Potential delayed effects

Not available.

### Potential immediate effects

Not available.

### Potential delayed effects

Not available.

### Potential chronic health effects

Not available.

### Conclusion/Summary

Not available.

### General

Once sensitized, a severe allergic reaction may occur when subsequently exposed to very low levels.

### Carcinogenicity

No known significant effects or critical hazards.

### Mutagenicity

No known significant effects or critical hazards.

### Teratogenicity

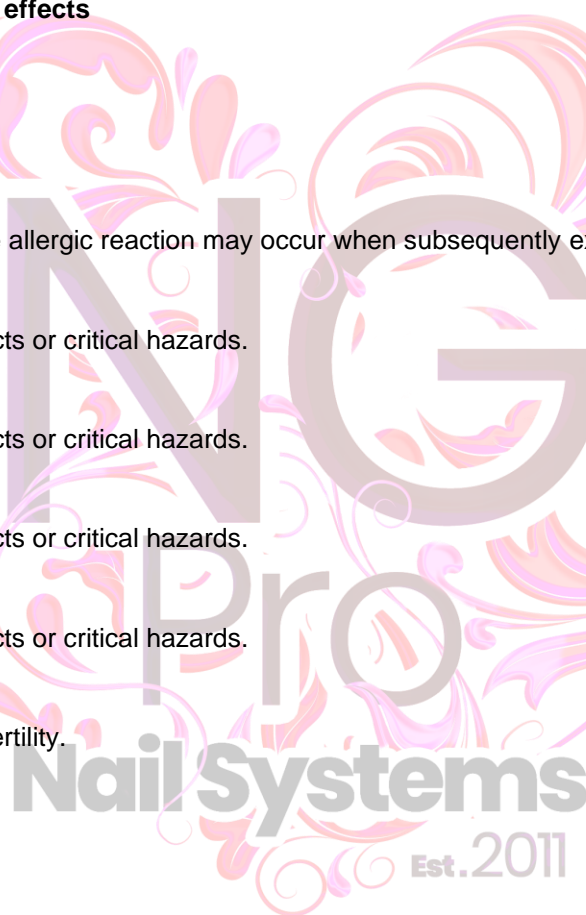
No known significant effects or critical hazards.

### Developmental effects

No known significant effects or critical hazards.

### Fertility effects

Suspected of damaging fertility.



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**SECTION 12 – ECOLOGICAL INFORMATION****12.1 Toxicity**

Product/ingredient name	Result	Species	Exposure
2-hydroxyethyl methacrylate	Acute LC50 227000 µg/l Fresh water	Fish - Pimephales promelas - Juvenile (Fledgling, Hatchling, Weanling)	96 hours
	Acute EC50 2500000 µg/l Fresh water	Algae - Selenastrum sp.	96 hours
	Acute LC50 750000 µg/l Fresh water	Crustaceans - Gammarus pulex	48 hours
	Acute LC50 154000 µg/l Fresh water	Daphnia - Daphnia cucullata	48 hours
	Acute LC50 212500 µg/l Fresh water	Fish - Heteropneustes fossilis	96 hours
	Chronic NOEC 2400 µg/l Fresh water	Daphnia - Daphnia magna	21 days
	Chronic NOEC 75.6 mg/l Fresh water	Fish - Pimephales promelas - Embryo	32 days

**Conclusion/Summary**

Not available.

**12.2 Persistence and degradability****Conclusion/Summary**

Not available.

**12.3 Bioaccumulative potential**

Product/ingredient name	LogPow	BCF	Potential
2-hydroxyethyl methacrylate	0.42	-	low
TPO	-	53 to 72	low
Ethylene glycol dimethacrylate	1.87	-	low

**12.4 Mobility in soil****Soil/water partition coefficient (KOC)**

Not available.

**Mobility**

Not available.

**12.5 Results of PBT and vPvB assessment****PBT**

Not applicable.



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### vPvB

Not applicable.

### 12.6 Other adverse effects

No known significant effects or critical hazards



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**SECTION 13 – DISPOSABLE CONSIDERATION**

The information in this section contains generic advice and guidance. The list of Identified Uses in Section 1 should be consulted for any available use-specific information provided in the Exposure Scenario(s).

**13.1 Waste treatment methods****Product****Methods of disposal**

The generation of waste should be avoided or minimised wherever possible. Disposal of this product, solutions and any by-products should at all times comply with the requirements of environmental protection and waste disposal legislation and any regional local authority requirements. Dispose of surplus and nonrecyclable products via a licensed waste disposal contractor. Waste should not be disposed of untreated to the sewer unless fully compliant with the requirements of all authorities with jurisdiction.

**Hazardous waste**

The classification of the product may meet the criteria for a hazardous waste.

**Packaging****Methods of disposal**

The generation of waste should be avoided or minimised wherever possible. Waste packaging should be recycled. Incineration or landfill should only be considered when recycling is not feasible.

**Special precautions**

This material and its container must be disposed of in a safe way. Care should be taken when handling emptied containers that have not been cleaned or rinsed out. Empty containers or liners may retain some product residues. Vapour from product residues may create a highly flammable or explosive atmosphere inside the container. Do not cut, weld or grind used containers unless they have been cleaned thoroughly internally. Avoid dispersal of spilt material and runoff and contact with soil, waterways, drains and sewers.

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**SECTION 14 – TRANSPORT INFORMATION**

	ADR/RID	ADN	IMDG	IATA
<b>14.1 UN number</b>	Not regulated.	Not regulated.	Not regulated.	Not regulated.
<b>14.2 UN proper shipping name</b>	-	-	-	-
<b>14.3 Transport hazard class(es)</b>	-	-	-	-
<b>14.4 Packing group</b>	-	-	-	-
<b>Additional information</b>	-	-	-	-
<b>14.5 Environmental hazards</b>	No.	No.	No.	No.

**14.6 Special precautions for user**

Transport within user's premises: always transport in closed containers that are upright and secure. Ensure that persons transporting the product know what to do in the event of an accident or spillage.

**14.7 Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code**

Not available.



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### SECTION 15 – REGULATORY INFORMATION

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

##### EU Regulation (EC) No. 1907/2006 (REACH)

##### Annex XIV - List of substances subject to authorisation

##### Annex XIV

None of the components are listed.

##### Substances of very high concern

None of the components are listed.

##### Annex XVII - Restrictions on the manufacture, placing on the market and use of certain dangerous substances, mixtures and articles

Not applicable.

##### Other EU regulations

##### Ozone depleting substances (1005/2009/EU)

Not listed

##### Prior Informed Consent (PIC) (649/2012/EU)

Not listed

##### Seveso II Directive

This product is controlled under the Seveso II Directive.

##### International regulations

##### Chemical Weapon Convention List Schedules I, II & III Chemicals

Not listed.

##### Montreal Protocol (Annexes A, B, C, E)

Not listed.

##### Stockholm Convention on Persistent Organic Pollutants

Not listed.

##### Rotterdam Convention on Prior Informed Consent (PIC)

Not listed.

##### UNECE Aarhus Protocol on POPs and Heavy Metals

Not listed.

#### 15.2 Chemical Safety Assessment

This product contains substances for which Chemical Safety Assessments are still required.

#### Inventory list

##### Europe

All components are listed or exempted

##### Australia

All components are listed or exempted.

##### Canada

At least one component is not listed.

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### China

All components are listed or exempted.

### Japan

Japan inventory (ENCS): Not determined.

Japan inventory (ISHL): Not determined.

### Republic of Korea

All components are listed or exempted.

### Malaysia

Not determined.

### New Zealand

All components are listed or exempted.

### Philippines

Not determined.

### Taiwan

All components are listed or exempted.

### United States

All components are listed or exempted.

### Turkey

Not determined.

### Thailand

Not determined.

### Viet Nam

Not determined.

### 15.2 Chemical SafetyAssessment

This product contains substances for which Chemical Safety Assessments are still required.



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**SECTION 16 – OTHER INFORMATION****Abbreviations and acronyms**

ATE = Acute Toxicity Estimate

CLP = Classification, Labelling and Packaging Regulation [Regulation (EC) No. 1272/2008]

DMEL = Derived Minimal Effect Level

DNEL = Derived No Effect Level

EUH statement = CLP-specific Hazard statement

PBT = Persistent, Bioaccumulative and Toxic

PNEC = Predicted No Effect Concentration

RRN = REACH Registration Number

vPvB = Very Persistent and Very Bioaccumulative

**Procedure used to derive the classification according to Regulation (EC) No. 1272/2008 [CLP/GHS]**

Classification	Justification
Acute Tox. 4, H312	Calculation method
Skin Irrit. 2, H315	Calculation method
Eye Irrit. 2, H319	Calculation method
Skin Sens. 1, H317	Calculation method
Repr. 2, H361f (Fertility)	Calculation method

**Full text of abbreviated H statements**

H312 Harmful in contact with skin.

H315 Causes skin irritation.

H317 May cause an allergic skin reaction.

H319 Causes serious eye irritation.

H335 May cause respiratory irritation.

H361f Suspected of damaging fertility.

**Full text of classifications [CLP/GHS]**

Acute Tox. 4, H312

Eye Irrit. 2, H319

Repr. 2, H361f

Skin Irrit. 2, H315

Skin Sens. 1, H317

STOT SE 3, H335

EXPOSURE) (Respiratory tract irritation) - Category 3

ACUTE TOXICITY (dermal) - Category 4

SERIOUS EYE DAMAGE/ EYE IRRITATION - Category 2

TOXIC TO REPRODUCTION (Fertility) - Category 2

SKIN CORROSION/IRRITATION - Category 2

SKIN SENSITIZATION - Category 1

SPECIFIC TARGET ORGAN TOXICITY (SINGLE

## MATERIAL AND SAFETY DATA SHEET (SDS)

Flexi Base Gel

### Date of issue

4/23/2019.

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