

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

### 1.1. Product identifier

**Product name:** Optimax® 8085 Part A  
**Product code:** Optimax® 8085-A  
**UFI:** 7XCA-67PP-1AAQ-5Q74  
**Product form:** Mixture

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

**Use of substance / mixture:** Adhesive  
**1.2.1 Relevant Identified uses:** Adhesive  
**1.2.2 Uses advised against:** For professional use only

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

**Company Name:** Novachem Corporation Ltd  
U4 Dunboyne Industrial Estate  
Dunboyne  
Co. Meath  
Ireland  
International Tel: 00353-1-8026554  
technicalsupport@novachem.ie  
UK: 0044 (0) 2081442098  
technicalsupport@novachem-uk.co.uk

### 1.4 Emergency telephone number

**Emergency telephone:** Novachem Corporation Ltd: 00353-1-8026554 (Mon-Fri 08.00-17.00hrs).  
National Poisons Centre, Beaumont Hospital, Beaumont, Dublin 9.  
Ireland. Enquiries Tel: 00353-1-809-2166. 8am-10pm 7 days a week.  
The National Poisons Information Centre is open 24hr for healthcare professionals treating poisoned patients. Tel: 00353-1-809-2566.

## Section 2: Hazards identification

### 2.1. Classification of the substance or mixture

**Classification under CLP:** This product requires a safety datasheet that complies with the provision of (EU) Regulation 2015/30. Any additional information concerning the risks for health and/or environment are given in Sections 11 and 12.  
**Hazard classification:** H319  
**Most important adverse effects:** Eye irritation, category 2. Causes serious eye irritation.

### 2.2. Label elements

**Label elements under CLP:**

**Hazard statements:**

H319 Causes serious eye irritation.

**Signal words:**

Warning

**Hazard pictograms:**



**Precautionary statements:**

P305+P351+P338: IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.  
P280: Wear eye protection, protective gloves.  
P337+P313: If eye irritation persists, get medical advice.  
P264: Wash thoroughly after handling.

**2.3. Other hazards**

Component

Based on the data available the product does not contain any PBT or vPvB in percentage  $\geq$  than 0.1%.

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

**3.1 Substances**

Not applicable

**3.2. Substances/Preparation:**

Name	Product Identifier	%	Classification
1,1',1'',1'''- Ethylenedinitrilotetrapropan-2-ol	CAS-No.: 102-60-3 EC 203-041-4	$20 \leq x < 50$	Eye Irrit.2, H319
Glicerilpoli(ossipropilen) triammina	CAS-No.: 64852-22-8 EC -	$1 \leq x < 3$	Eye Dam.1, H318 Skin Irrit.2, H315 Aquatic Chronic 3, H412

**Section 4: First aid measures**

**4.1. Description of first aid measure**

**Skin contact:**

Remove all contaminated clothes and footwear immediately unless stuck to skin. Wash immediately with plenty of soap and water. If irritation persists, obtain medical attention.

**Eye contact:**

Remove contact lenses if present. Wash immediately with plenty of water for at least 15 minutes, opening the eyelids fully. If problem persists, seek medical advice.

**Ingestion:**

Get medical advice/attention. Induce vomiting only if indicated by a doctor.

**Inhalation:** Remove to open air. In the event of breathing difficulties, get medical advice/attention immediately

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

**Skin contact:** Specific information on symptoms and effects caused by the product are unknown.

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

**Immediate / special treatment:** Eye bathing equipment should be available on the premises.

### Section 5: Fire-fighting measures

#### 5.1. Extinguishing media

**Extinguishing media:** Carbon dioxide, foam, powder and water spray.  
**Unsuitable extinguishing media:** None known.

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

**Exposure hazards:** Do not breathe combustion products.

#### 5.3. Advice for fire-fighters

**Advice for fire-fighters:** Wear self-contained breathing apparatus. Wear protective clothing to prevent contact with skin and eyes.

### Section 6: Accidental release measures

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

**Personal precautions:** Refer to Section 8 of SDS for personal protection details. Evacuate the area immediately. Mark out the contaminated area with signs and prevent access to unauthorised personnel. Turn leaking containers leak-side up to prevent the escape of liquid.

#### 6.2. Environmental precautions

**Environmental precautions:** Do not discharge into drains or rivers. Contain the spillage using bunding.

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

**Clean-up procedures:** Absorb into dry earth or sand. Transfer to a closable, labelled salvage container for disposal by an appropriate method. Wash the spillage site with large amounts of water.

#### 6.4. Reference to other sections

Reference to other sections: Refer to Section 8 of SDS.

## Section 7: Handling and storage

### 7.1. Precautions for safe handling

**Handling requirements:** Avoid the formation or spread of mists in the air.

### 7.2. Conditions for safe storage, including any incompatibilities

**Storage conditions:** Store in cool, well-ventilated area. Keep container tightly closed.  
**Suitable packaging:** Product should be kept in the original container.

### 7.3. Specific end use(s)

**Specific end use(s):** Adhesive

## Section 8: Exposure controls/personal protection

### 8.1. Control parameters

#### 1,1',1'',1'''-Ethylenedinitrilotetrapropan-2-ol

Predicted no-effect concentration – PNEC  
Normal value in fresh water: 0,085 mg/l  
Normal value in marine water: 0,0085 mg/l  
Normal value for fresh water sediment: 0,193 mg/kg  
Normal value for marine water sediment: 0,0193 mg/kg  
Normal value for water, intermittent release: 1,51 mg/l  
Normal value of STP microorganisms: 70 mg/l  
Normal value for the terrestrial compartment: 0,0183 mg/kg

Derived no-effect level - DNEL / DMEL

	Chronic Systemic
Effects on consumers -	
Oral	2,5 mg/kg/d
Inhalation	8,7 mg/m <sup>3</sup>
Skin	2,5 mg/kg/d
	Chronic Systemic
Effects on Workers -	
Oral	-
Inhalation	29.4 mg/m <sup>3</sup>
Skin	4.2 mg/kg/d

### 8.2. Exposure controls

**Engineering measures:** Ensure there is sufficient ventilation of the area.  
**Respiratory protection:** If the threshold value (e.g. TLV-TWA) is exceeded for the substance or one of the substances present in the product, use a mask with a type B filter whose class (1, 2 or 3) must be chosen according to the limit of use

concentration (see standard EN 14387). In the presence of gases or vapours of various kinds and/or gases or vapours containing particulate (aerosol sprays, fumes, mists, etc.) combined filters are required. Respiratory protection devices must be used if the technical measures adopted are not suitable for restricting the worker's exposure to the threshold values considered. The protection provided by masks is in any case limited.

If the substance considered is odourless or its olfactory threshold is higher than the corresponding TLV-TWA and in the case of an emergency, wear open-circuit compressed air breathing apparatus (in compliance with standard EN 137) or external air-intake breathing apparatus (in compliance with standard EN 138). For a correct choice of respiratory protection device, see standard EN 529.

For prolonged contact, use nitrile or neoprene gloves category III (EN374).

**Hand protection:**

Gloves rated to – EN374.

**Eye protection:**

Safety glasses – standard EN 166. Ensure eye bath is to hand.

**Skin protection:**

Protective clothing should be available.

**Section 9: Physical and chemical properties**

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

Physical state	Liquid
Colour	Clear/Black
Appearance	Clear/Black liquid
Odour	Characteristic
Odour threshold	Not available
Melting point	Not available
Freezing point	Not available
Boiling point	> 200°C
Flammability	Not flammable
Explosive properties	Product is not explosive
Oxidising properties	Not oxidising
Explosive limits	Not available
Lower explosive limit (LEL)	Not available
Upper explosive limit (UEL)	Not available
Flash point	> 182 °C
Auto-ignition temperature	Not available
Decomposition temperature	Not available
pH	Not available
Solubility	Not available
Partition coefficient n-octanol/water (Log Kow)	Not available
Partition coefficient n-octanol/water (Log Pow)	Not available
Vapour pressure	0, 1 Pa
Vapour pressure at 50 °C	Not available
Density	Not available

Relative density 1,0 g/cm<sup>3</sup>  
Relative vapour density at 20 °C Not available  
Viscosity 3000 mPas

## 9.2. Other information

**9.2.1. Physical hazard classes** VOC content (Directive 2010/75/EC): 0  
VOC content (volatile carbon): 0

**9.2.2. Other safety characteristics** No data available.

## Section 10: Stability and reactivity

### 10.1. Reactivity

**Reactivity:** Stable under recommended transport or storage conditions.

### 10.2. Chemical stability

**Chemical stability:** Stable under normal conditions.

### 10.3. Possibility of hazardous reactions

**Hazardous reactions:** Hazardous reactions will not occur under normal transport or storage conditions.

### 10.4. Conditions to avoid

**Conditions to avoid:** No special conditions required.

### 10.5. Incompatible materials

**Materials to avoid:** No data available.

### 10.6. Hazardous decomposition products

**Haz. decomp. products:** No data available.

## 11. Toxicological information

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

In the absence of experimental data for the product itself, health hazards are evaluated according to the properties of the substances it contains, using the criteria specified in the applicable regulation for classification. It is therefore necessary to take into account the concentration of the individual hazardous substances indicated in section 3, to evaluate the toxicological effects of exposure to the product.

<b>Information on likely routes of exposure:</b>	Information not available.
<b>Delayed and immediate effects as well as chronic effects from short and long-term exposure:</b>	Information not available.
<b>Skin Corrosion/Irritation:</b>	Does not meet the classification criteria for this hazard class.
<b>Serious Eye Damage/Irritation:</b>	Causes serious eye irritation.
<b>Respiratory/Skin Sensitisation:</b>	Does not meet the classification criteria for this hazard class.
<b>Germ Cell Mutagenicity:</b>	Does not meet the classification criteria for this hazard class.
<b>Carcinogenicity:</b>	Does not meet the classification criteria for this hazard class.
<b>Reproductive Toxicity:</b>	Does not meet the classification criteria for this hazard class.
<b>STOT – Single Exposure</b>	Does not meet the classification criteria for this hazard class.
<b>STOT - Repeated Exposure</b>	Does not meet the classification criteria for this hazard class.
<b>Aspiration Hazard:</b>	Does not meet the classification criteria for this hazard class.

## 11.2. Information on other hazards

No data available

## Section 12: Ecological information

### 12.1. Toxicity

<b>Hazardous to the aquatic environment, short-term (acute):</b>	Not classified
<b>Hazardous to the aquatic environment, long-term (chronic):</b>	NA
<b>Glycerilpoli(ossipropilen) triammina:</b>	LC50 for Fish 68mg/l/96h

### 12.2. Persistence and degradability

**Persistence and degradability:** No data available

### 12.3. Bioaccumulative potential

**Bioaccumulative potential:** No data available

#### 12.4. Mobility in soil

**Mobility:** No data available

#### 12.5. Results of PBT and vPvB assessment

On the basis of available data, the product does not contain any PBT or vPvB in percentage  $\geq$  than 0,1%.

#### 12.6. Endocrine disrupting properties

No data available

#### 12.7. Other adverse effects

**Other adverse effects:** No other effects known

### Section 13: Disposal considerations

#### 13.1. Waste treatment methods

**Disposal operations:** Dispose of as Special Waste in accordance with local and national legislation. Hardened product can be disposed of in land-fill sites by licensed contractors.

**Waste code number:** 08 04 09

**Disposal of packaging:** Dispose of in a regulated landfill site or other method for hazardous or toxic wastes.

**NB:** The user's attention is drawn to the possible existence of regional or national regulations regarding disposal.

### Section 14: Transport information

The product is not dangerous under current provisions of the Code of International Carriage of Dangerous Goods by Road (ADR) and by Rail (RID), of the International Maritime Dangerous Goods Code (IMDG), and of the International Air Transport Association (IATA) regulations.

#### 14.1 UN number or ID number:

<b>UN Number:</b>				
ADR	IMDG	IATA	ADN	RID
NA	NA	NA	NA	NA

#### 14.2 UN proper shipping name:

ADR	IMDG	IATA	ADN	RID
NA	NA	NA	NA	NA



### 14.3 Transport hazard class:

**Transport Hazard Class:**

ADR	IMDG	IATA	ADN	RID
NA	NA	NA	NA	NA

### 14.4 Packing Group:

**Packing Group:**

ADR	IMDG	IATA	ADN	RID
NA	NA	NA	NA	NA

### 14.5 Environmental hazards:

ADR	IMDG	IATA	ADN	RID
NA	NA	NA	NA	NA

### 14.6 Special precautions for users:

**Overland transport**

Classification code (ADR) NA

Transport by sea NA

Air transport NA

Rail transport NA

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

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

## Section 15: Regulatory information

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

#### 15.1.1 EU Regulations

Restrictions relating to the product or contained substances pursuant to Annex XVII to EC Regulation 1907/2006 – None.

Substances in Candidate List (Art. 59 REACH) - On the basis of available data, the product does not contain any SVHC in percentage  $\geq$  than 0,1%.

Substances subject to authorisation (Annex XIV REACH)- None.

Substances subject to exportation reporting pursuant to (EC) Reg. 649/2012:- None.

Substances subject to the Rotterdam Convention:- None.

Substances subject to the Stockholm Convention:- None.

#### 15.1.2 National Regulations

No information available.

## 15.2. Chemical Safety Assessment

**Chemical safety assessment:** No chemical safety assessment has been carried out for the substance or the mixture by the supplier.

## Section 16: Other information

**Other information:**

**Indication of changes:**

Indicated by revision number.

**Phrases used in S.2 and 3:**

Eye Dam.1, Serious eye damage, category 1.  
Eye Irrit.2, Eye irritation, category 2.  
H319 Causes serious eye irritation.  
H412 Aquatic Chronic 3.  
EUH210 Safety data sheet available on request.

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