

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

#### 1.1. Product identifier

Product name: Nutlock

Product code: SXNL50

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

Use of substance / mixture: PC1: Adhesives, sealants.

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

Company name: Central Solutions (GB) Ltd

Askern Industrial Estate

Moss Road

Askern

Doncaster

DN6 0DD

England

Tel: +44(0)1302 708 895

Email: [info@solxsolutions.com](mailto:info@solxsolutions.com)

[www.solxsolutions.com](http://www.solxsolutions.com)

#### 1.4. Emergency telephone number

Emergency tel: +44(0)1302 708 895

(office hours only)

### Section 2: Hazards identification

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

Classification under CHIP: Xi: R36/37; Sens.: R43

Classification under CLP: Skin Irrit. 2: H315; Skin Sens. 1: H317

Most important adverse effects: Irritating to eyes and respiratory system. May cause sensitisation by skin contact.

#### 2.2. Label elements

Label elements under CLP:

Hazard statements: H315: Causes skin irritation.

H317: May cause an allergic skin reaction.

Signal words: Warning

Hazard pictograms: GHS07: Exclamation mark



# SAFETY DATA SHEET

SXNL50

Page: 2

Precautionary statements: P264: Wash hands thoroughly after handling.  
P280: Wear protective gloves/protective clothing/eye protection/face protection.  
P305+351+338: IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.  
P332+313: If skin irritation occurs: Get medical advice/attention.  
P302+352: IF ON SKIN: Wash with plenty of soap and water.

Label elements under CHIP:

Hazard symbols: Irritant.



Risk phrases: R36/37: Irritating to eyes and respiratory system.

R43: May cause sensitisation by skin contact.

Safety phrases: S24: Avoid contact with skin.

S37: Wear suitable gloves.

## 2.3. Other hazards

PBT: This product is not identified as a PBT substance.

## Section 3: Composition/information on ingredients

### 3.2. Mixtures

Hazardous ingredients:

2-HYDROXYETHYL METHACRYLATE - REACH registered number(s): 01-2119490169-29-0000

EINECS	CAS	CHIP Classification	CLP Classification	Percent
212-782-2	868-77-9	Xi: R36/38; Sens.: R43	Eye Irrit. 2: H319; Skin Irrit. 2: H315; Skin Sens. 1: H317	1-10%

4-TERT-BUTYLCYCLOHEXYL METHACRYLATE

256-277-5	46729-07-1	Xi: R36/37/38	STOT SE 3: H335; Eye Irrit. 2: H319; Skin Irrit. 2: H315	1-10%
-----------	------------	---------------	---	-------

ISOBUTYL METHACRYLATE - REACH registered number(s): 01-2119488331-38-0000

202-613-0	97-86-9	-: R10; Xi: R36/37/38; Sens.: R43; N: R50	Flam. Liq. 3: H226; Eye Irrit. 2: H319; STOT SE 3: H335; Skin Irrit. 2: H315; Skin Sens. 1: H317; Aquatic Acute 1: H400	1-10%
-----------	---------	--	--	-------

[cont...]

# SAFETY DATA SHEET

SXNL50

Page: 3

## CUMENE HYDROPEROXIDE

201-524-7	80-15-9	O: R7; Xn: R21/22; T: R23; C: R34; Xn: R48/20/22; N: R51/53	Org. Perox. EF: H242; Acute Tox. 3: H331; Acute Tox. 4: H312; Acute Tox. 4: H302; STOT RE 2: H373; Skin Corr. 1B: H314	<1%
-----------	---------	--	---	-----

### Section 4: First aid measures

#### 4.1. Description of first aid measures

**Skin contact:** Remove all contaminated clothes and footwear immediately unless stuck to skin. Wash immediately with plenty of soap and water.

**Eye contact:** Bathe the eye with running water for 15 minutes. Consult a doctor.

**Ingestion:** Wash out mouth with water. Consult a doctor.

**Inhalation:** Remove casualty from exposure ensuring one's own safety whilst doing so. Consult a doctor.

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

**Skin contact:** There may be irritation and redness at the site of contact.

**Eye contact:** There may be irritation and redness. The eyes may water profusely.

**Ingestion:** There may be soreness and redness of the mouth and throat.

**Inhalation:** There may be irritation of the throat with a feeling of tightness in the chest. Exposure may cause coughing or wheezing.

**Delayed / immediate effects:** Immediate effects can be expected after short-term exposure.

#### 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:** Suitable extinguishing media for the surrounding fire should be used. Use water spray to cool containers.

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

**Exposure hazards:** In combustion emits toxic fumes.

#### 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. If outside do not approach from downwind. If outside keep bystanders upwind and away from danger point. Mark out the

[cont...]

# SAFETY DATA SHEET

SXNL50

Page: 4

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.

## 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 direct contact with the substance. Ensure there is sufficient ventilation of the area.  
Do not handle in a confined space. 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.

### 7.3. Specific end use(s)

Specific end use(s): No special requirement.

## Section 8: Exposure controls/personal protection

### 8.1. Control parameters

Hazardous ingredients:

ISOBUTYL METHACRYLATE

Workplace exposure limits:

Respirable dust

State	8 hour TWA	15 min. STEL	8 hour TWA	15 min. STEL
UK	300 mg/m <sup>3</sup>	-	-	-

### 8.1. DNEL/PNEC Values

Hazardous ingredients:

2-HYDROXYETHYL METHACRYLATE

Type	Exposure	Value	Population	Effect
DNEL	Inhalation (repeated dose)	4.9mg/m <sup>3</sup>	Workers	Systemic
DNEL	Dermal (repeated dose)	1.3mg/kg/day	Workers	Systemic
DNEL	Inhalation (repeated dose)	1.3mg/kg/day	General Population	Systemic

[cont...]

# SAFETY DATA SHEET

SXNL50

Page: 5

DNEL	Dermal (repeated dose)	0.83mg/kg/day	General Population	Systemic
DNEL	Oral (repeated dose)	0.83mg/kg/day	General Population	Systemic
PNEC	Freshwater	0.482mg/L	-	-
PNEC	Marine water	0.482mg/L	-	-
PNEC	Aqua (Intermittent Release)	1mg/L	-	-
PNEC	STP	10mg/L	-	-
PNEC	Sediment (Freshwater)	3.79mg/kg dw	-	-
PNEC	Soil	0.476mg/kg dw	-	-
DNEL	Inhalation (repeated dose)	415.9 mg/m <sup>3</sup>	Workers	Systemic
DNEL	Inhalation	409 mg/m <sup>3</sup>	Workers	Local
DNEL	Dermal (repeated dose)	5 mg/kg/day	Workers	Systemic
DNEL	Dermal	1% in mixture	Workers	Local
DNEL	Inhalation (repeated dose)	66.5 mg/m <sup>3</sup>	General Population	Systemic
DNEL	Inhalation	366.4 mg/m <sup>3</sup>	General Population	Local
DNEL	Dermal (repeated dose)	3 mg/kg/day	General Population	Systemic
PNEC	Freshwater	0.21 mg/L	-	-
PNEC	Marine water	0.21 mg/L	-	-
PNEC	Aqua (intermittent releases)	0.21 mg/L	-	-
PNEC	STP	10 mg/L	-	-

## 8.2. Exposure controls

Engineering measures: Ensure there is sufficient ventilation of the area.

Respiratory protection: Self-contained breathing apparatus must be available in case of emergency.

Hand protection: Protective gloves.

Eye protection: Safety glasses. Ensure eye bath is to hand.

Skin protection: Protective clothing.

## Section 9: Physical and chemical properties

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

State: Liquid

Colour: Green

Odour: Sweet-smelling

Viscosity: Viscous

Boiling point/range°C: Not Determined

Flammability limits %: lower: Not Determined

upper: Not Determined

Flash point°C: Not Determined

Autoflammability°C: Not Determined

Vapour pressure: Not Determined

Relative density: 1.033

pH: Not Determined

VOC g/l: 96

[cont...]

# SAFETY DATA SHEET

SXNL50

Page: 6

## 9.2. Other information

Other information: 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.

Decomposition may occur on exposure to conditions or materials listed below.

### 10.4. Conditions to avoid

Conditions to avoid: Heat.

### 10.5. Incompatible materials

Materials to avoid: Strong oxidising agents. Strong acids.

### 10.6. Hazardous decomposition products

Haz. decomp. products: In combustion emits toxic fumes.

## Section 11: Toxicological information

### 11.1. Information on toxicological effects

Hazardous ingredients:

#### 2-HYDROXYETHYL METHACRYLATE

DERMAL	RBT	LD50	>3000	mg/kg
ORAL	RAT	LD50	>5000	mg/kg

#### 4-TERT-BUTYLCYCLOHEXYL METHACRYLATE

ORAL	RAT	LD50	>2000	mg/kg
------	-----	------	-------	-------

#### ISOBUTYL METHACRYLATE

GASES	MUS	LD50	29.7	mg/l
ORAL	RAT	LD50	>5000	mg/kg

#### CUMENE HYDROPEROXIDE

ORL	MUS	LDLO	5	gm/kg
-----	-----	------	---	-------

[cont...]

# SAFETY DATA SHEET

SXNL50

Page: 7

ORL	RAT	LD50	382	mg/kg
SCU	RAT	LD50	382	mg/kg

Relevant effects for mixture:

Effect	Route	Basis
Irritation	OPT INH	Hazardous: calculated
Sensitisation	DRM	Hazardous: calculated

## Symptoms / routes of exposure

Skin contact: There may be irritation and redness at the site of contact.

Eye contact: There may be irritation and redness. The eyes may water profusely.

Ingestion: There may be soreness and redness of the mouth and throat.

Inhalation: There may be irritation of the throat with a feeling of tightness in the chest. Exposure may cause coughing or wheezing.

Delayed / immediate effects: Immediate effects can be expected after short-term exposure.

## Section 12: Ecological information

### 12.1. Toxicity

Ecotoxicity values: No data available.

### 12.2. Persistence and degradability

Persistence and degradability: Biodegradable.

### 12.3. Bioaccumulative potential

Bioaccumulative potential: No bioaccumulation potential.

### 12.4. Mobility in soil

Mobility: Readily absorbed into soil.

### 12.5. Results of PBT and vPvB assessment

PBT identification: This product is not identified as a PBT substance.

### 12.6. Other adverse effects

Other adverse effects: Negligible ecotoxicity.

## Section 13: Disposal considerations

### 13.1. Waste treatment methods

Disposal operations: Transfer to a suitable container and arrange for collection by specialised disposal company.

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

[cont...]

# SAFETY DATA SHEET

SXNL50

Page: 8

## Section 14: Transport information

Transport class: This product does not require a classification for transport.

## Section 15: Regulatory information

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

### 15.2. Chemical Safety Assessment

Chemical safety assessment: A chemical safety assessment has not been carried out for the substance or the mixture by the supplier.

## Section 16: Other information

### Other information

Other information: This safety data sheet is prepared in accordance with Commission Regulation (EU) No 453/2010.

\* indicates text in the SDS which has changed since the last revision.

#### ABBREVIATIONS

PBT - Persistent Bioaccumulative Toxic

VOC - Volatile Organic Content

STP - Sewage Treatment Plant

LC50 - Lethal Concentration 50%

LD50 - Lethal Dose 50%

PNEC - Predicted No Effect Concentration

DNEL - Derived No Effect Level

OPT - Ophthalmic

RBT - Rabbit

MUS - Mouse

INH - Inhalation

DRM - Dermal

ORL - Oral

Phrases used in s.2 and 3: H226: Flammable liquid and vapour.

H242: Heating may cause a fire.

H302: Harmful if swallowed.

H312: Harmful in contact with skin.

H314: Causes severe skin burns and eye damage.

H315: Causes skin irritation.

H317: May cause an allergic skin reaction.

H319: Causes serious eye irritation.

H331: Toxic if inhaled.

H335: May cause respiratory irritation.

H373: May cause damage to organs <or state all organs affected, if known> through

[cont...]



# SAFETY DATA SHEET

SXNL50

Page: 9

prolonged or repeated exposure <state route of exposure if it is conclusively proven that no other routes of exposure cause the hazard>.

H400: Very toxic to aquatic life.

R7: May cause fire.

R10: Flammable.

R21/22: Harmful in contact with skin and if swallowed.

R23: Toxic by inhalation.

R34: Causes burns.

R36/37/38: Irritating to eyes, respiratory system and skin.

R36/37: Irritating to eyes and respiratory system.

R36/38: Irritating to eyes and skin.

R43: May cause sensitisation by skin contact.

R48/20/22: Harmful: danger of serious damage to health by prolonged exposure through inhalation and if swallowed.

R50: Very toxic to aquatic organisms.

R51/53: Toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment.

Legal disclaimer: This company shall not be held liable for any damage resulting from handling or from contact with the above product.