

## DNL243

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

PRODUCT NAME: 24660 DRAPER NUT LOCK DNL243

APPLICATIONS: ADHESIVE

SUPPLIER: Draper Tools Ltd  
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Chandlers Ford  
Eastleigh  
Hampshire  
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Draper Helpline +44 (0) 2380 494344

### SECTION 2: Hazards identification

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

##### Classification

##### Physical hazards

Not Classified

##### Health hazards

Skin Irrit. 2 - H315 Eye Irrit. 2 - H319 Skin Sens. 1 - H317 STOT SE 3 - H335

##### Environmental hazards

Not Classified

#### 2.2. Label elements

##### Pictogram



##### Signal word

Warning

##### Hazard statements

H315 Causes skin irritation.  
H317 May cause an allergic skin reaction.  
H319 Causes serious eye irritation.  
H335 May cause respiratory irritation.

##### Precautionary statements

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- P261 Avoid breathing vapour/spray.
- P264 Wash contaminated skin thoroughly after handling.
- P271 Use only outdoors or in a well-ventilated area.
- P272 Contaminated work clothing should not be allowed out of the workplace.
- P280 Wear protective gloves/protective clothing/eye protection/face protection.
- P302+P352 IF ON SKIN: Wash with plenty of water.
- P304+P340 IF INHALED: Remove person to fresh air and keep comfortable for breathing.
- P305+P351+P338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
- P312 Call a POISON CENTER/doctor if you feel unwell.
- P321 Specific treatment (see medical advice on this label).
- P332+P313 If skin irritation occurs: Get medical advice/attention.
- P333+P313 If skin irritation or rash occurs: Get medical advice/attention.
- P337+P313 If eye irritation persists: Get medical advice/attention.
- P362+P364 Take off contaminated clothing and wash it before reuse.
- P403+P233 Store in a well-ventilated place. Keep container tightly closed.
- P405 Store locked up.
- P501 Dispose of contents/container in accordance with national regulations.

**Contains**

Ethoxylated Bisphenol A Dimethacrylate, 2-hydroxypropyl methacrylate, maleic acid, 1-Acetyl-2-phenylhydrazine

**2.3. Other hazards**

**SECTION 3: Composition/Information on Ingredients**

**3.2. Mixtures**

<b>Ethoxylated Bisphenol A Dimethacrylate</b> CAS number: 41637-38-1 EC number: —	<b>30-60%</b>
<b>Classification</b> Skin Irrit. 2 - H315 Eye Irrit. 2 - H319 Skin Sens. 1 - H317 STOT SE 3 - H335	<b>Classification (67/548/EEC or 1999/45/EC)</b>
<b>2-hydroxypropyl methacrylate</b> CAS number: 923-26-2 EC number: 213-090-3	<b>10-30%</b>
<b>Classification</b> Eye Irrit. 2 - H319 Skin Sens. 1 - H317	<b>Classification (67/548/EEC or 1999/45/EC)</b>

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<b><math>\alpha,\alpha</math>-dimethylbenzyl hydroperoxide</b> CAS number: 80-15-9 EC number: 201-254-7	<1%
<b>Classification</b> Org. Perox. E - H242 Acute Tox. 4 - H302 Acute Tox. 4 - H312 Acute Tox. 3 - H331 Skin Corr. 1B - H314 Eye Dam. 1 - H318 STOT SE 3 - H335 STOT RE 2 - H373 Aquatic Chronic 2 - H411	<b>Classification (67/548/EEC or 1999/45/EC)</b>
<b>maleic acid</b> CAS number: 110-16-7 EC number: 203-742-5	<1%
<b>Classification</b> Acute Tox. 4 - H302 Eye Irrit. 2 - H319 STOT SE 3 - H335 Skin Irrit. 2 - H315 Skin Sens. 1 - H317	<b>Classification (67/548/EEC or 1999/45/EC)</b>
<b>1-Acetyl-2-phenylhydrazine</b> CAS number: 114-83-0 EC number: —	<1%
<b>Classification</b> Acute Tox. 3 - H301 Skin Irrit. 2 - H315 Eye Irrit. 2 - H319 Skin Sens. 1 - H317 STOT SE 3 - H335	<b>Classification (67/548/EEC or 1999/45/EC)</b>

The Full Text for all R-Phrases and Hazard Statements are Displayed in Section 16.

#### SECTION 4: First aid measures

##### 4.1. Description of first aid measures

###### Inhalation

Move affected person to fresh air and keep warm and at rest in a position comfortable for breathing. Get medical attention if symptoms are severe or persist.

###### Ingestion

Do not induce vomiting. Give plenty of water to drink. If vomiting occurs, the head should be kept low so that vomit does not enter the lungs.

###### Skin contact

Wash skin thoroughly with soap and water. Get medical attention if any discomfort continues. Remove contaminated clothing.

###### Eye contact

Rinse immediately with plenty of water. Continue to rinse for at least 15 minutes. Get medical attention if irritation persists after washing.

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

###### Skin contact



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May cause sensitisation by skin contact.

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

#### **Specific treatments**

Treat symptomatically.

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## **SECTION 5: Firefighting measures**

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### **5.1. Extinguishing media**

#### **Suitable extinguishing media**

Use alcohol-resistant foam, carbon dioxide or dry powder to extinguish.

#### **Unsuitable extinguishing media**

Do not use water jet as an extinguisher, as this will spread the fire.

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

#### **Specific hazards**

In case of fire: Toxic gases or vapours.

#### **Hazardous combustion products**

Oxides of the following substances: Carbon dioxide (CO<sub>2</sub>). Nitrogen. Carbon monoxide (CO).

### **5.3. Advice for firefighters**

#### **Protective actions during firefighting**

Containers close to fire should be removed or cooled with water.

#### **Special protective equipment for firefighters**

Wear positive-pressure self-contained breathing apparatus (SCBA) and appropriate protective clothing.

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

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

#### **Personal precautions**

Provide adequate ventilation.

### **6.2. Environmental precautions**

#### **Environmental precautions**

Avoid discharge into drains or watercourses or onto the ground. Avoid the spillage or runoff entering drains, sewers or watercourses.

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

#### **Methods for cleaning up**

Absorb spillage with sand or other inert absorbent. Collect and place in suitable waste disposal containers and seal securely.

### **6.4. Reference to other sections**

#### **Reference to other sections**

For personal protection, see Section 8. For waste disposal, see Section 13.

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

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### **7.1. Precautions for safe handling**

#### **Usage precautions**

Use only in well-ventilated areas. Avoid contact with eyes and prolonged skin contact. Do not eat, drink or smoke when using this product. Wash hands and any other contaminated areas of the body with soap and water before leaving the work site.

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

#### **Storage precautions**

Store at temperatures not exceeding 38°C. Store in tightly-closed, original container in a dry, cool and well-ventilated place. Protect from sunlight. Do not use containers made of the following materials: Aluminium. Mild steel. Copper. Rusty Steel. Tin.

### **7.3. Specific end use(s)**

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### Specific end use(s)

The identified uses for this product are detailed in Section 1.2.

## SECTION 8: Exposure Controls/personal protection

### 8.1. Control parameters

#### Occupational exposure limits

### 8.2. Exposure controls

#### Eye/face protection

Wear eye protection.

#### Hand protection

Wear protective gloves made of the following material: Polyethylene. Neoprene. Nitrile rubber. Do NOT use Polyvinyl chloride (PVC). Rubber (natural, latex).

#### Other skin and body protection

Wear apron or protective clothing in case of contact.

#### Hygiene measures

Provide eyewash station.

#### Respiratory protection

If ventilation is inadequate, suitable respiratory protection must be worn.

## SECTION 9: Physical and Chemical Properties

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

#### Appearance

Liquid.

#### Colour

Blue.

#### Odour

Sweetish.

#### Odour threshold

No information available.

#### pH

pH (concentrated solution): -3-5

#### Melting point

Not applicable.

#### Initial boiling point and range

Not applicable.

#### Flash point

> 100°C

#### Upper/lower flammability or explosive limits

Not applicable.

#### Vapour pressure

-0.1 mm Hg @ 20°C

#### Vapour density

Not applicable.

#### Solubility(ies)

Miscible with the following materials: Organic solvents. Slightly soluble in water.

#### Partition coefficient

No information available.

#### Decomposition Temperature

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No information available.

### Viscosity

1200-1800 cps @ °C

### Explosive properties

No information available.

### Oxidising properties

Not available.

## 9.2. Other information

### Other information

No information required.

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## SECTION 10: Stability and reactivity

### 10.1. Reactivity

Oxidising agents. Metal oxides.

### 10.2. Chemical stability

#### Stability

Stable at normal ambient temperatures and when used as recommended.

### 10.3. Possibility of hazardous reactions

Polymerises when heated.

### 10.4. Conditions to avoid

Avoid exposure to high temperatures or direct sunlight.

### 10.5. Incompatible materials

#### Materials to avoid

Avoid contact with the following materials: Oxidising agents.

### 10.6. Hazardous decomposition products

In case of fire gases can be released Carbon dioxide (CO<sub>2</sub>).

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## SECTION 11: Toxicological information

### 11.1. Information on toxicological effects

#### Toxicological effects

No information available.

#### Acute toxicity - oral

ATE oral (mg/kg)

17,078.83632074

#### Acute toxicity - dermal

ATE dermal (mg/kg)

63327.57628094

#### Acute toxicity - inhalation

ATE inhalation (vapours mg/l)

307.37704918

#### Inhalation

Irritation of nose, throat and airway.

#### Ingestion

The product is considered to be a low hazard under normal conditions of use.

#### Skin contact

Skin irritation should not occur when used as recommended.



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**SECTION 12: Ecological Information**

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**Ecotoxicity**

There are no data on the ecotoxicity of this product.

**12.1. Toxicity**

Do not empty into drains/surface water/ground water

**12.2. Persistence and degradability**

**Persistence and degradability**

The product is biodegradable.

**12.3. Bioaccumulative potential**

Low

**Partition coefficient**

No information available.

**12.4. Mobility in soil**

**Mobility**

The product has poor water-solubility.

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

This product does not contain any substances classified as PBT or vPvB.

**12.6. Other adverse effects**

Not available.

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**SECTION 13: Disposal considerations**

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**13.1. Waste treatment methods**

**General information**

Dispose of waste product or used containers in accordance with local regulations

**Disposal methods**

Dispose of waste to licensed waste disposal site in accordance with the requirements of the local Waste Disposal Authority.

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**SECTION 14: Transport information**

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**General**

The product is not covered by international regulations on the transport of dangerous goods (IMDG, IATA, ADR/RID).

**14.1. UN number**

Not applicable.

**14.2. UN proper shipping name**

Not applicable.

**14.3. Transport hazard class(es)**

No transport warning sign required.

**14.4. Packing group**

Not applicable.

**14.5. Environmental hazards**

**Environmentally hazardous substance/marine pollutant**

No.

**14.6. Special precautions for user**

Not applicable.

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**14.7. Transport in bulk according to Annex II of MARPOL73/78 and the IBC Code**

Not applicable.

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**SECTION 15: Regulatory information**

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

**EU legislation**

Regulation (EC) No 1907/2006 of the European Parliament and of the council of 18 December 2006 concerning the Registration, evaluation, Authorisation and Restriction of Chemicals (REACH), establishing a European Chemicals Agency, amending Directive 1999/45/EC and repealing Council Regulation (EEC) No 793/93 and Commission Regulation (EC) No 1488/94 as well as Council Directive 76/769/EEC and Commission Directives 91/155/EEC, 93/67/EEC, 93/105/EC, including amendments. Regulation (EC) No 1272/2008 of the European Parliament and of the Council of 16 December 2008 on classification, labelling and packaging of substances and mixtures, amending and repealing Directives 67/548/EEC and 1999/45/EC, and amending Regulation (EC) No 1907/2006 with amendments.

**15.2. Chemical safety assessment**

No chemical safety assessment has been carried out.

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**SECTION 16: Other information**

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Revision date 06/10/2014

SDS number 4809

**Hazard statements in full**

H242 Heating may cause a fire.  
H301 Toxic if swallowed.  
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.  
H318 Causes serious eye damage.  
H319 Causes serious eye irritation.  
H331 Toxic if inhaled.  
H335 May cause respiratory irritation.  
H373 May cause damage to organs through prolonged or repeated exposure.  
H411 Toxic to aquatic life with long lasting effects.