

ACCORDING TO EC-REGULATIONS 1907/2006 (REACH), 1272/2008 (CLP) & 2015/830

## SECTION 1: IDENTIFICATION OF THE SUBSTANCE/MIXTURE AND OF THE COMPANY/UNDERTAKING

### 1.1 Product identifier

Product Name:	NC. 7
CAS No.:	Not applicable.
EC No.:	Not applicable.
REACH Registration No.:	Not known.

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

Identified Use(s):	For the electrolytic chemical etching of metals.
Uses Advised Against:	None.

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

Manufacturer	
Company Identification:	Pryor Marking Technology Ltd.
Address of Manufacturer:	Global HQ: Egerton Street Sheffield UK
Postal code:	S1 4JX
Telephone:	+44 (0)144 276 6044
Fax:	+44 (0)144 276 6890
E-mail:	info@pryormarking.com
Office hours:	08:30-17:00

### 1.4 Emergency telephone number

+44 (0) 114 276 6044 Monday-Thursday 08:30-17:00 GMT  
(08:30-15:30 Friday), English

## SECTION 2: HAZARDS IDENTIFICATION

### 2.1 Classification of the substance or mixture

#### 2.1.1 Classification according to Regulation (EC) No 1272/2008 (CLP)

Not classified

### 2.2 Label elements

According to Regulation (EC) No. 1272/2008 (CLP)

Product Name	NC.7
Hazard Pictogram(s)	None
Signal Word(s)	None

Hazard Statement(s) None  
Precautionary Statement(s) None

## 2.3 Other hazards

None known.

## 2.4 Additional Information

For full text of H/P Statements see section 16.

## SECTION 3: COMPOSITION/INFORMATION ON INGREDIENTS

### 3.2 Mixtures

HAZARDOUS INGREDIENT(S)	CAS No.	EC No. / REACH Registration No.	%W/W	Hazard Statement(s)	Hazard Pictogram(s)
sodium nitrite	7632-00-0	231-555-9	1-5	Ox. Sol. 3 H272 Acute Tox. 3 H301 Aquatic Acute 1 H400	GHS03 GHS06 GHS09
sodium nitrate	7631-99-4	231-554-3	0-1	Ox. Sol. 3 H272 Eye Irrit. 2 H319	GHS03 GHS07

For full text of H Statements see section 16.

## SECTION 4: FIRST AID MEASURES

### 4.1 Description of first aid measures

Inhalation	Remove to fresh air. Get medical attention if any discomfort continues.
Skin Contact	Flush with water. Seek medical attention if irritation persists.
Eye Contact	Immediately flush with water. Remove any contact lenses and open eyes wide apart. Get medical attention if any discomfort continues.
Ingestion	Do not induce vomiting. Seek medical attention if feeling unwell.

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

None anticipated. Treat symptomatically.

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

Unlikely to be required but if necessary treat symptomatically.

## SECTION 5: FIREFIGHTING MEASURES

### 5.1 Extinguishing media

Suitable Extinguishing media As appropriate for surrounding fire.  
Unsuitable extinguishing media None.

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

Heating may cause decomposition.

### 5.3 Advice for firefighters

Fire fighters should wear complete protective clothing including self-contained breathing apparatus. Dike fire control water for later disposal.

## SECTION 6: ACCIDENTAL RELEASE MEASURES

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

Provide adequate ventilation. Wear suitable gloves if prolonged skin contact is likely.

### 6.2 Environmental precautions:

Spillages or uncontrolled discharges into watercourses must be alerted to the appropriate regulatory body.

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

Adsorb spillages onto sand, earth or any suitable adsorbent material. Contain spillages with sand, earth or any suitable adsorbent material. Earth may be shovelled to contain spillage and to avoid contamination of sewers and watercourses.

### 6.4 Reference to other sections:

See Also Section 8, 13.

## SECTION 7: HANDLING AND STORAGE

### 7.1 Precautions for safe handling

Prevent material from entering surface waters, drains and soil.

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

Storage temperature: Ambient.  
Storage life: Stable under normal conditions.  
Incompatible materials: None known.

**7.3 Specific end use(s):** For the electrolytic chemical etching of metals.

## SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION

### 8.1 Control parameters

**8.1.1 Occupational Exposure Limits:** No Occupational Exposure Limit assigned.

### 8.2 Exposure controls

**8.2.1. Appropriate engineering controls:** Ensure adequate ventilation.

#### 8.2.2. Personal protection equipment



Eye Protection:

Wear eye protection with side protection (EN166).



Skin protection:

Not normally required.



Respiratory protection:

Normally no personal respiratory protection is necessary.

Thermal hazards: None known.

**8.2.3. Environmental Exposure Controls:** Do not release large quantities into the surface water or into drains.

## SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

### 9.1 Information on basic physical and chemical properties

Appearance: Liquid.  
Colour : Not known.

Odour: Not known.

Odour threshold: Not known.

pH: Not known.

Melting point/freezing point: Not known.

Initial boiling point and boiling range: Not known.

Flash Point: Not known.

Evaporation rate: Not known.

Flammability (solid, gas): Not known.

Upper/lower flammability or explosive limits: Not known.

Vapour pressure:	Not known.
Vapour density:	Not known.
Density (g/ml):	Not known.
Relative density:	Not known.
Solubility(ies):	Solubility (Water) : Soluble. Solubility (Other) : Not known.
Partition coefficient: n- octanol/water:	Not known.
Auto-ignition temperature:	Not known.
Decomposition Temperature (°C):	Not known.
Viscosity:	Not known.
Explosive properties:	Not known.
Oxidising properties:	Not known.

**9.2 Other information:** None.

## SECTION 10: STABILITY AND REACTIVITY

### 10.1 Reactivity:

None anticipated.

### 10.2 Chemical Stability:

Stable under normal conditions.

### 10.3 Possibility of hazardous reactions:

No hazardous reactions known if used for its intended purpose.

### 10.4 Conditions to avoid:

None anticipated.

### 10.5 Incompatible materials:

Not known.

### 10.6 Hazardous decomposition products:

No hazardous decomposition products known.

## SECTION 11: TOXICOLOGICAL INFORMATION

### 11.1 Information on toxicological effects

Acute toxicity - Ingestion:	Not classified. Calculated acute toxicity estimate (ATE)->6000 mg/kg bw
Acute toxicity - Skin Contact:	Not classified.
Acute toxicity - Inhalation:	Not classified.
Skin corrosion/irritation:	Not classified.
Serious eye damage/irritation:	Not classified.
Skin sensitization data:	Not classified.
Respiratory sensitization data:	Not classified.

Germ cell mutagenicity:	Not classified.
Carcinogenicity:	Not classified.
Reproductive toxicity:	Not classified.
Lactation:	Not classified.
STOT - single exposure:	Not classified.
STOT - repeated exposure:	Not classified.
Aspiration hazard:	Not classified.

**11.2 Other information:** Not known.

## SECTION 12: ECOLOGICAL INFORMATION

### 12.1. Toxicity

Toxicity - Aquatic invertebrates:	Not known.
Toxicity - Fish:	Not known.
Toxicity - Algae:	Not known.
Toxicity - Sediment Compartment:	Not classified.
Toxicity - Terrestrial Compartment:	Not classified.

**12.2. Persistence and Degradation:** Not known.

**12.3. Bioaccumulative potential:** Not known.

**12.4. Mobility in soil:** Not known.

**12.5. Results of PBT and vPvB assessment:** Not known.

**12.6 Other adverse effects:** Not known.

## SECTION 13: DISPOSAL CONSIDERATIONS

### 13.1 Waste treatment methods:

Dispose of contents in accordance with local, state or national legislation.

### 13.2 Additional Information:

Disposal should be in accordance with local, state or national legislation.

## SECTION 14: TRANSPORT INFORMATION

NOT CLASSIFIED AS DANGEROUS FOR TRANSPORT.

## SECTION 15: REGULATORY INFORMATION

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

Candidate List of Substances of Very High Concern for Authorisation	Not listed
REACH: ANNEX XIV list of substances subject to authorisation	Not listed
REACH: Annex XVII Restrictions on the manufacture, placing on the	Not listed

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market and use of certain dangerous substances, mixtures and articles	
Community Rolling Action Plan (CoRAP)	Not listed
Regulation (EC) N° 850/2004 of the European Parliament and of the Council on persistent organic pollutants	Not listed
Regulation (EC) N° 2037/2000 on substances that deplete the ozone layer	Not listed
Regulation (EU) N° 649/2012 of the European Parliament and of the Council concerning the export and import of hazardous chemicals	Not listed
National regulations - Other	Not known.

## SECTION 16: OTHER INFORMATION

<b>Hazard Statement(s):</b>	H272: May intensify fire; oxidiser H301: Toxic if swallowed H319: Causes serious eye irritation H400: Very toxic to aquatic life
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<b>Version:</b>	1.0
Issue date:	23/03/2016
Previous version:	-
Issue date of previous version:	-
Sections changed from previous version:	-