

P.O. BOX 3786, BRACKNELL, BERKS, RG12 7TH  
TELEPHONE: 0118 989 2666 FAX: 0118 989 0929  
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## 1. IDENTIFICATION OF SUBSTANCE OR PREPARATION

**Name of Product:** **TOPTARD** **V2 11.02.2013**  
**Use Description of Product:** Non metallic surface treatment used as a concrete retarder.  
**Supplier:** Direct Chemicals  
P.O. BOX 3786, BRACKNELL, BERKS, RG12 7TH, United Kingdom  
**Telephone:** 0118 989 2666 **Fax:** 0118 989 0929

## 2. HAZARDS IDENTIFICATION

**Classification under CHIP:** This product is not classified as hazardous under chip  
**LABEL ELEMENTS UNDER CHIP:** NONE  
**Main Hazards:** No significant hazard.  
**Safety phrases:** S1/2: Keep locked up and out of the reach of children.  
S13: Keep away from food, drink and animal feeding stuffs.  
S24/25: Avoid contact with skin and eyes.  
**PBT:** This product is not identified as a PBT substance.

## 3. COMPOSITION / INFORMATION ON INGREDIENTS

### Dangerous components:

Hazardous component	EINECS	Cas No	Index	Risk Phrases	Concentration
Hydrochloric Acid	231-595-7	7647-01-0	C, Xi	R34, R50	1-10%
Nonylphenol Ethoxylates	-	9016-45-9	Xn,Xi,n	R22, R41,R51/53	<1%

### Non-Dangerous components:

**Additional Information:** For the wording of the listed risk phrases refer to section 16.

## 4. FIRST AID MEASURES

### First Aid Measures

**Skin contact:** Remove all contaminated clothes and footwear immediately unless stuck to skin.  
Drench the affected skin with running water for 10 minutes or longer if substance is still on skin. Consult a doctor.

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

**Ingestion:** Wash out mouth with water. Do not induce vomiting. If conscious, give half a litre of water to drink immediately. Consult a doctor.

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

### Symptoms and effects

**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. Nausea and stomach pain may occur. There may be vomiting.

**Inhalation:** There may be irritation of the throat with a feeling of tightness in the chest.

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

**Immediate / special treatment:** Not applicable.

## 5. FIRE FIGHTING MEASURES

- Extinguishing Media:** Product does not support combustion. Suitable extinguishing media for the surrounding fire should be used. Use water spray to cool containers.
- Exposure Hazards:** This product may give rise to toxic fumes in a fire.
- Protection of Fire Fighters:** Fire-resistant clothing and self-contained breathing apparatus is recommended for fires in confined spaces and poorly ventilated areas.

## 6. ACCIDENTAL RELEASE MEASURES

- Personal Precautions:** Wear suitable protective clothing; Wear suitable eye protection. Refer to section 8 SDS for personal protection details. Turn leaking containers leak side up to prevent liquid escape.
- Environmental Precautions:** Do not discharge into river or drains. If material enters drains or sewers, dilute as much as possible with water. Contain the spillage using bunding.
- Clean Up Procedures:** Small spills soak up with absorbent granules, sand or earth and collect solids into suitable, marked container for proper disposal.

## 7. STORAGE AND HANDLING

- Handling Requirements:** Although the product is not classified as hazardous, good working practices and standards of personal hygiene should be maintained. Avoid direct contact with the substance.
- Storage Conditions:** Keep away from direct sunlight. Store in dry, cool, frost free conditions, in original containers.
- Suitable Packaging:** Must only be kept in original packaging.
- Specific Uses:** To be used as a surface cement retarder.

## 8. EXPOSURE CONTROLS AND PERSONAL PROTECTION

**Hazardous Ingredients:**  
 Hydrochloric Acid ....100%

Workplace exposure limit values:			Respirable Dust	
State	8hr TWA	15min STEL	8hr TWA	15min STEL
UK	8mg/m <sup>3</sup>	8mg/m <sup>3</sup>	-	-

- DNEL/PNEC:** No Data Available
- Engineering Measures:** Ensure there is sufficient ventilation of the area.
- Respiratory Protection:** Respiratory protection is not normally required.
- Hand Protection:** Impermeable Protective gloves.
- Eye Protection:** Safety glasses. Ensure eye bath is to hand
- Skin Protection:** Impermeable Protective clothing.

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**9. PHYSICAL AND CHEMICAL PROPERTIES**

**State:** Liquid  
**Colour:** Blue  
**Odour:** Sweet Smelling  
**Evaporation Rate:** Similar to water  
**Solubility in water:** Miscible in all proportions  
**Boiling point/Range °C:** >35  
**Flash Point °C:** >93  
**pH:** Acidic

**10. STABILITY AND REACTIVITY**

**Reactivity:** Stable under normal transport or storage conditions.  
**Chemical Stability:** Stable under normal conditions.  
**Hazardous reactions:** Hazardous reactions will not occur under normal transport or storage conditions. Decomposition may occur on exposure to conditions or materials listed below.  
**Conditions to avoid:** Heat  
**Materials to Avoid:** Strong oxidising agents. Strong Acids  
**Haz. Decomp. products:** In combustion emits toxic fumes

**11. TOXICOLOGICAL INFORMATION**

**Toxicity values:** No data available.  
**Skin contact:** There may be mild 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. Nausea and stomach pain may occur. There may be vomiting.  
**Inhalation:** There may be irritation of the throat with a feeling of tightness in the chest.  
**Delayed / immediate effects:** Immediate effects can be expected after short-term exposure.

**12. ECOLOGICAL INFORMATION**

**Ecotoxicity values:** No data available.  
**Mobility:** Soluble in water. Readily absorbed into soil.  
**Persistence and degradability:** No data available  
**Bioaccumulative potential:** No data available  
**PBT Identification:** This product is not identified as a PBT substance.  
**Other adverse effects:** No data available

**13. DISPOSAL CONSIDERATIONS**

**Disposal operations:** Dispose of via an authorised person / licensed waste disposal contractor in accordance with local regulations.

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

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## 14. TRANSPORT INFORMATION

**ADR /RID:** Not classified

**IMDG / IMO** Not classified

**IATA/ICAO** Not classified

## 15. REGULATORY INFORMATION

**Hazard Symbols:** No significant hazard.

**Note:** The regulatory information given above only indicates the principal regulations specifically applicable to the product described in the safety data sheet. The user's attention is drawn to the possible existence of additional provisions, which complete these regulations. Refer to all applicable national, international and local regulations or provisions.

## 16. OTHER INFORMATION

Do not mix with other chemicals.

The information provided in this data sheet has been compiled in accordance with the requirements of the Chemicals (Hazard information and packaging) Regulations 2002 (CHIP 3). This data sheet does not constitute an assessment of the workplace risks as required under the provisions of the Health & Safety at Work act and the Control of Substances Hazardous to Health (COSHH).

**Phrases used in s.2 and 3:** R22: Harmful if swallowed.  
R34: Causes burns.  
R37: Irritating to respiratory system.  
R41: Risk of serious damage to eyes.  
R51/53: Toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment.

**Training Advice:** Users should be trained in good industrial hygiene practise.

**Recommended Restrictions on Use:**

**Department issuing data specification sheet:** Health and Safety Department

**Contact:** Robin Wells. Tel 0118 989 2666, E-mail: sales@dichem.co.uk

### Legal Disclaimer:

The information supplied above is based upon the present state of our knowledge of the product at the time of publication. It is given in good faith and no warranty is implied with respect to the specification or quality of the product. The user must satisfy himself that the product is entirely suitable for his purpose.