

# Material Safety Data Sheet

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Reference No. NOVATEX Issue Date: 23/2/2015

ISSUED by Novatex Products

Product Name: **Nova Rapid**

Not Classified as Hazardous according to criteria of Worksafe Australia

## COMPANY DETAILS

**Company Name** NOVATEX PRODUCTS PTY.LTD.  
**Address** 118 Hassall Street, WETHERILL PARK NSW 2164  
**Tel/Fax** Ph: (02) 9757 3525 Fax: (02) 9757 3424

## IDENTIFICATION

**Product Name** Nova Rapid  
**Other Names** None Allocated  
**UN Number** None Allocated  
**Poisons Schedule** Not Scheduled  
**Product Use** Cement Accelerator

## Physical Data

**Appearance** Thin green liquid.  
**Boiling Point** 115 deg c for 34.7% solution.  
**Melting Point** N/A  
**Bulk Density** 1.04 g/c<sup>3</sup>  
**Flash Point** Not applicable.  
**Flamm. Limit LEL** Not applicable.  
**Solubility in Water** 100%.  
**Specific Gravity** (water=1) 1.3 @ 60 deg F(for34.7% solution)

## Other Properties

**Evaporation Rate** Dries naturally.  
**Vapour Density** Not applicable.  
**Physical State** Liquid  
**Stability** Stable. Hazardous Polymerization: will not occur  
**pH** pH:3.8-9  
**Materials to Avoid** Boric acid and calcium oxide are incompatible

## Ingredients

| Ingredients | <u>Name</u>      | <u>CAS</u> | <u>Proportion</u> |
|-------------|------------------|------------|-------------------|
|             | Calcium Chloride | 10043-52-4 | 30-50% b.w        |
|             | Water            |            | 50-70% b.w        |

## HEALTH HAZARD INFORMATION

### Health Effects

**Acute - Swallowed** No adverse effects expected in small dose. Large doses may lead to gastro intestinal irritation as well as vomiting and diarrhea

**Acute - Eye** Flush with water. Seek medical advice if irritation or other symptoms persist.

**Acute - Skin** Causes minor irritation. May cause more severe response if skin is abraded (scratch or cut). Additional effects may include blisters or sores.

**Acute - Inhaled** Irritating to nose, throat .Additional effects may include shortness of breath.

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## First Aid

**Swallowed** Do NOT induce vomiting. Take water or milk and seek medical advice if any symptoms or discomfort is evident.

**Eye** Immediately irrigate with copious quantity of water or saline eyewash for at least 15 minutes with the eyelids held open. In all cases of eye contamination, it is a sensible precaution to seek medical advice if irritation and discomfort persist. Continue to irrigate the eye with clean water or saline solution while transporting to medical facility.

**Skin** Wash with plenty of soap and water. Remove contaminated clothing and wash before re-use. Apply a skin moisturizer.

**Inhaled** Carefully remove persons to fresh air. If patient is severely affected, obtain medical assistance. If the person stops breathing, apply artificial respiration and other first aid techniques as required until medical assistance is obtained.

**First Aid Facilities** Eye wash fountains should be easily accessible.

## Advice to Doctor

**Advice to Doctor** Treat as possible skin allergy.  
Treat symptomatically.  
Contact a poisons Information Centre.

## Other Health Hazard Information

**Other Information** None Applicable

## PRECAUTIONS FOR USE

| Exposure Limits                   | <u>Name</u>   | TWA        |              | STEL       |              | <u>Footnote</u> |
|-----------------------------------|---|------------|--------------|------------|--------------|-----------------|
|                                   |   | <u>ppm</u> | <u>mg/m3</u> | <u>ppm</u> | <u>mg/m3</u> |                 |
|                                   | Calcium Chloride  |            |              |            |              | No standard set |
| <b>Other Exposure Information</b> | N/A   |            |              |            |              |                 |
| <b>Eng. Controls</b>              | If used outdoors normal ventilation is adequate. If used internally provide mechanical ventilation. |            |              |            |              |                 |

## Personal Protection

**Respirator Type.** Not applicable when used as directed.

**Eye Protection** Protective eyewear recommended to avoid contact with eyes.

**Glove Type** Rubber or PVC

**Protective Clothing** Overalls

**Protective Footwear** Water resistant boots.

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## Flammability

**Fire Hazards** Product is non flammable.

## SAFE HANDLING INFORMATION

### Storage and Transport

**Storage Precautions** Store with container sealed in a cool place when not in use. Avoid spills  
And eye and skin contact

## Spills and Disposal

**Spills & Disposal** Do not allow to enter drains or waterways. Spills may be vacuumed or swept up. Small amounts of waste can be disposed of in approved landfill in accordance with State and Local Government regulations.

## Fire/Explosion Hazard

**Fire/Explos.** Product is non flammable and will not support combustion.

## OTHER INFORMATION

**Environ.** Nova Rapid is mildly corrosive to ferrous metals. Avoid contact with steel and Iron to undiluted product

### Protection

## CONTACT POINT

**Preparer** NOVATEX PRODUCTS PTY. LTD.  
**Signature** UNIT 5/26 NEWTON ROAD, WETHERILL PARK 2164  
Ph (02) 9757 3525  
Out of hours contact: Poisons information Centre

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