



# SAFETY DATA SHEET NOVASHIELD

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

### 1.1. Product identifier

Product name NOVASHIELD

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

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

Supplier British Nova Works Ltd  
Neville House  
Beaumont Road  
Banbury  
Oxfordshire OX16 1RB  
Tel : 01295 254030  
Fax : 01295 254061  
sales@britishnova.co.uk

### 1.4. Emergency telephone number

## SECTION 2: HAZARDS IDENTIFICATION

### 2.1. Classification of the substance or mixture

Classification (EC 1272/2008)  
Physical and Chemical Hazards Not classified.  
Human health Not classified.  
Environment Not classified.  
Classification (1999/45/EEC) Not classified.

### 2.2. Label elements

Label In Accordance With (EC) No. 1272/2008  
Not classified.

### Precautionary Statements

P102 Keep out of reach of children.  
P301+312 IF SWALLOWED: Call a POISON CENTER or doctor/physician if you feel unwell.  
P303+361+353 IF ON SKIN (or hair): Remove/Take off immediately all contaminated clothing. Rinse skin with water/shower.  
P305+351+338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.  
P337+313 If eye irritation persists: Get medical advice/attention.  
Avoid freezing

### 2.3. Other hazards

## SECTION 3: COMPOSITION/INFORMATION ON INGREDIENTS

### 3.2. Mixtures

ETHYLENE GLYCOL	1-5%
CAS-No.: 107-21-1	EC No.:
Classification (EC 1272/2008) Acute Tox. 4 - H302	Classification (67/548/EEC) Xn;R22.

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MODIFIED MALEINIC RESIN		1-5%
Classification (EC 1272/2008) Skin Irrit. 2 - H315 Eye Irrit. 2 - H319 STOT Single 3 - H335	Classification (67/548/EEC) Xi;R36/37/38.	
TRIBUTOXYETHYL PHOSPHATE		1-5%
CAS-No.: 111-76-2	EC No.: 203-905-0	
Classification (EC 1272/2008) Acute Tox. 4 - H302 Acute Tox. 4 - H312 Acute Tox. 4 - H332	Classification (67/548/EEC) Xn;R20/21/22.	

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

Ingestion

Rinse mouth thoroughly. Get medical attention if any discomfort continues.

Skin contact

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

Eye contact

Make sure to remove any contact lenses from the eyes before rinsing. Promptly wash eyes with plenty of water while lifting the eye lids.

Continue to rinse for at least 15 minutes. Get medical attention if any discomfort continues.

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

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

## SECTION 5: FIREFIGHTING MEASURES

### 5.1. Extinguishing media

Extinguishing media

This product is not flammable. Use fire-extinguishing media appropriate for surrounding materials.

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

### 5.3. Advice for firefighters

## SECTION 6: ACCIDENTAL RELEASE MEASURES

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

### 6.2. Environmental precautions

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

Stop leak if possible without risk. Absorb in vermiculite, dry sand or earth and place into containers. Flush with plenty of water to clean spillage area. Do not contaminate water sources or sewer.

### 6.4. Reference to other sections

## SECTION 7: HANDLING AND STORAGE

### 7.1. Precautions for safe handling

Avoid spilling, skin and eye contact.

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

Store in tightly closed original container in a dry, cool and well-ventilated place. Keep in original container.

**7.3. Specific end use(s)****SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION****8.1. Control parameters****8.2. Exposure controls**

Protective equipment



Respiratory equipment

Not relevant

Hand protection

Use suitable protective gloves if risk of skin contact.

Eye protection

Not relevant

Other Protection

Use barrier creams to prevent skin contact.

Hygiene measures

Wash promptly if skin becomes wet or contaminated. Promptly remove any clothing that becomes contaminated. Use appropriate skin cream to prevent drying of skin.

**SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES****9.1. Information on basic physical and chemical properties**

Appearance	Liquid
Colour	White / off-white.
Solubility	Soluble in water.
Initial boiling point and boiling range	100 760 mm Hg

**9.2. Other information****SECTION 10: STABILITY AND REACTIVITY****10.1. Reactivity****10.2. Chemical stability**

Stable under normal temperature conditions.

**10.3. Possibility of hazardous reactions****10.4. Conditions to avoid**

Avoid excessive heat for prolonged periods of time.

**10.5. Incompatible materials****10.6. Hazardous decomposition products**Fire creates: Carbon monoxide (CO). Carbon dioxide (CO<sub>2</sub>).**SECTION 11: TOXICOLOGICAL INFORMATION****11.1. Information on toxicological effects**

Ingestion

May cause discomfort if swallowed.

Skin contact

Skin irritation is not anticipated when used normally.

Eye contact

Spray and vapour in the eyes may cause irritation and smarting.

**SECTION 12: ECOLOGICAL INFORMATION**

Ecotoxicity

Not regarded as dangerous for the environment.

**12.1. Toxicity**

**12.2. Persistence and degradability**

**12.3. Bioaccumulative potential**

**12.4. Mobility in soil**

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

**12.6. Other adverse effects**

**SECTION 13: DISPOSAL CONSIDERATIONS**

**13.1. Waste treatment methods**

Dispose of waste and residues in accordance with local authority requirements.

**SECTION 14: TRANSPORT INFORMATION**

Road Transport Notes	Not Classified
Rail Transport Notes	Not classified.
Sea Transport Notes	Not classified.
Air Transport Notes	Not classified.

**14.1. UN number**

**14.2. UN proper shipping name**

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

**14.4. Packing group**

**14.5. Environmental hazards**

**14.6. Special precautions for user**

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

**SECTION 15: REGULATORY INFORMATION**

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

Statutory Instruments

The Chemicals (Hazard Information and Packaging for Supply) Regulations 2009 (S.I 2009 No. 716).

Approved Code Of Practice

Classification and Labelling of Substances and Preparations Dangerous for Supply. Safety Data Sheets for Substances and Preparations.

Guidance Notes

Workplace Exposure Limits EH40. CHIP for everyone HSG(108).

**15.2. Chemical Safety Assessment**

**SECTION 16: OTHER INFORMATION**

Revision Date	01/04/2011
Revision	2
Supersedes date	04/06/2010
SDS No.	BN004
Risk Phrases In Full	
R20/21/22	Harmful by inhalation, in contact with skin and if swallowed.
R22	Harmful if swallowed.
R36/37/38	Irritating to eyes, respiratory system and skin.

## NOVASHIELD

### Hazard Statements In Full

H319	Causes serious eye irritation.
H315	Causes skin irritation.
H332	Harmful if inhaled.
H302	Harmful if swallowed.
H312	Harmful in contact with skin.
H335	May cause respiratory irritation.

### Disclaimer

This information relates only to the specific material designated and may not be valid for such material used in combination with any other materials or in any process. Such information is, to the best of the company's knowledge and belief, accurate and reliable as of the date indicated. However, no warranty, guarantee or representation is made to its accuracy, reliability or completeness. It is the user's responsibility to satisfy himself as to the suitability of such information for his own particular use.