



SAFETY DATA SHEET PROTECT NANO

Date: January 2020

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1. Identification of the substance/mixture and of the company/undertaking

1.1 Product identifier

Product name: PROTECT NANO

Product code: B268

1.2 Relevant identified uses of the substance/mixture and uses advised against

Oil/water repellent treatment for porous surfaces.

1.3 Details of the supplier of the safety data sheet

SUPPLIER: Cleaning Warehouse Ltd
Unit A10, The Square,
Grants Rd, Greenogue Business Park
Rathcoole, Dublin 24
D24H512

1.4 Emergency telephone number

Tel: 01-8092166 National Poison Centre Beaumont

2. Hazards identification

2.1 Classification of the substance or mixture

Classification under CHIP Regs.: Not classified as hazardous

Classification under CLP Regs.: Not classified

2.2 Label elements

Label elements under CHIP:

Hazard symbols: none

Risk Phrases: None stipulated.

Safety phrases: S25: Avoid contact with eyes.

2.3 Other hazards

PBT: this material does not contain any substance identified as a PBT or vPvB substance

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3. Composition/information on ingredients

3.1 Substances

3.2 Mixtures

Fluoroacrylate copolymer in aqueous emulsion.

Hazardous ingredients:

CAS	EINECS	Classification CHIP	Classification CLP	Concentration %w/w
None				

4. First aid measures

4.1 Description of first aid measures

Eye contact: Flush with clean water for at least 15 minutes. Seek medical advice if any irritation persists.

Skin contact: Wash area with soap and water. Seek medical advice if any irritation persists.

Ingestion: DO NOT induce vomiting. Give milk or water to drink and seek immediate medical attention.

Inhalation: Remove from exposure. Keep warm and at rest and seek medical assistance.

4.2 Most important symptoms and effects both acute and delayed

No further relevant information.

4.3 Indication of any immediate medical attention and special treatment needed

No further relevant information.

5. Fire fighting measures

5.1 Extinguishing media

Suitable extinguishing agents:

Product is not flammable although irritating fumes may be given off in the event of fire. Choice of extinguisher should be based on other surrounding materials. Keep containers cool with water spray.

Unsuitable agents:

5.2 Special hazards arising from the substance or mixture

Oxides of carbon and nitrogen may be produced if the product is allowed to evaporate to dryness at high temperatures.

5.3 Advice for firefighters

Wear self-contained breathing apparatus and full protective clothing.

6. Accidental release measures

6.1 Personal precautions, protective equipment and emergency procedures

Refer to section 8.

6.2 Environmental precautions

Do not allow to enter water courses.

6.3 Methods and material for containment and cleaning up

Small spillages may be rinsed away with plenty of water. Larger spillages should be contained and absorbed in inert material. Transfer to plastic container for disposal.

6.4 Reference to other sections

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7. Handling and storage

7.1 Precautions for safe handling

No special precautions.

7.2 Conditions for safe storage, including any incompatibilities

Store in original container, tightly closed in a cool place.

7.3 Specific end use

See section 1.

8. Exposure controls/personal protection

8.1 Control parameters

Substances assigned Workplace Exposure Limits

Name	type	Long term (8hrTWA)	Short term (15mins)
None			

8.2 Exposure controls

Wear eye protection to prevent liquid splashes if necessary. Avoid inhalation of spray mist. When using do not eat, drink or smoke.

Avoid creating aerosols.

9. Physical and chemical properties

9.1 Information on basic physical and chemical properties

Appearance: Hazy, colourless liquid,

Odour: Slight

Density at 20oC: 1.0kg/ltr

Solubility: Completely soluble in water.

pH: 4.0 – 5.0

Flash point: N/A

Boiling point/range:100°C

Vapour pressure: N/A

Oxidising: No

9.2 Other information

No further relevant information.

10. Stability and reactivity

10.1 Reactivity

Not reactive under normal conditions.

10.2 Chemical stability

Stable under normal conditions.

10.3 Possibility of hazardous reactions

None known.

10.4 Conditions to avoid

Extreme temperatures, naked flames or hot surfaces.

10.5 Incompatible materials

Strong oxidising agents.

10.6 Hazardous decomposition products

Thermal decomposition may produce toxic and irritant fumes.

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11. Toxicological information

11.1 Information on toxicological effects.

Eyes: Mild irritation and watering. Non-irritant according to method OECD 405
Skin: Prolonged exposure may produce mild irritation. Non-irritant according to method OECD 404
Ingestion: Some irritation to throat and mucous membranes..
Inhalation (mist): Coughing, shortness of breath, irritation to membranes of nose and throat.
Acute toxicity.
LD50 >2000mg/kg (oral, rat); Inhalation LC50 > 300mg/l (4h). By reference to tests on ingredients.

12. Ecological information

12.1 Toxicity

Fish toxicity: LC50 >1000mg/l (96hr). Bacterial toxicity: EC50 . 500mg/l (OECD)

12.2 Persistence and degradability

All components are biodegradable. Predicted COD 3000mg/g; BOD5 900mg/g

12.3 Bioaccumulative potential

Not known.

12.4 Mobility in soil

Not known

12.5 Results of PBT and vPvB assessment

Does not contain any PBT or vPvB substances.

12.6 Other adverse effects

13. Disposal considerations

13.1 Waste treatment methods

Comply with local regulations. Do not allow concentrate to enter water systems.

14. Transport information

14.1 UN Number

Not classified as hazardous for transport.

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

15. Regulatory information

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

None.

15.2 Chemical safety assessment

A chemical safety assessment has not been carried out for this product.

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16. Other information

This safety data sheet has been prepared according to EU Commission Regulation 453/2010. The information supplied in this document is based on our present state of knowledge and is given in good faith. It is not intended and should not be construed as a specification or guarantee of specific properties. The responsibility remains with the user to comply with all relevant laws, regulations and directives, to make their own assessment of workplace risks and to determine the suitability of the product for a particular use or application.

The hazards information in this data sheet refers to the material as supplied and not to any subsequent dilution or mixture.

The full text of the R phrases referred to in section 3 are shown below. These classifications apply to the ingredients, in their concentrated form, which contribute to the classification of the product or mixture.

None.

Abbreviations and acronyms

ADR	European Agreement concerning the International Carriage of Goods by Road
CAS	Chemical Abstracts Service
CHIP	Chemicals (Hazard Information and Packaging) Regulations – Directives 1999/45.EC and 67/548/EC
CLP	Classification and Labelling of Chemicals – Regulation (EC) No. 1272/2008
CMR	Carcinogenic-mutagenic-toxic for reproduction
EINECS	European Inventory of Existing Commercial Chemical Substances
GHS	Globally Harmonised System of Classification and Labelling of Chemicals
IATA	International Air Transport Association
IMDG	International Maritime Dangerous Goods Code
LC50	Lethal Concentration, 50%
LD50	Lethal Dose, 50%
OEL	Occupational Exposure Limit
PBT	Persistent, Bioaccumulative, Toxic
vPvB	very Persistent, very Bioaccumulative
RID	Convention concerning International Carriage by Rail
WEL	Workplace Exposure Limit
VOC	Volatile Organic Compound