

SAFETY DATA SHEET

according to (EU) Regulation 2015/830

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Revision: 0

Revision date: 01/07/2024

NANO PROTECT

SECTION 1: Identification of the substance/mixture and of the company/undertaking

1.1. Product identifier

Product name **NANO PROTECT**

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

Product Use [SU21] Consumer uses: Private households; [SU22] Professional uses: Public domain; [PC32] Polymer preparations and compounds; [PROC10] Roller application or brushing; [PROC19] Hand-mixing with intimate contact and only PPE available; [ERC8c] Wide dispersive indoor use resulting in inclusion into or onto a matrix; [ERC8f] Wide dispersive outdoor use resulting in inclusion into or onto a matrix.

Description NANO POLISH.

1.3. Details of the supplier of the safety data sheet

Company August Race Worldwide Limited

Address 7
Vaughan Parade
Torquay
Devon

TQ2 5EG
United Kingdom

Web www.august-race.com

Telephone 01803 224363

Fax N/A

Email info@august-race.com

Email address of the competent person

info@august-race.com

1.4. Emergency telephone number

01803 224363 9.00 am - 5.00 pm Mon – Fri

SECTION 2: Hazards identification

2.1. Classification of the substance or mixture

Classification under CLP: - Eye Irrit. 2: H319 Causes serious eye irritation.

2.2. Label elements

Label elements under CLP: **Eye Irrit. 2: H319**
Hazard statements: **Causes serious eye irritation.**

Signal words: WARNING

Hazard pictograms: GHS07: irritant



Precautionary statements (CLP)

: P102 - Keep out of reach of children.

P280 - Wear protective clothing, eye protection, face protection.

P305+P351+P338+P310 - IF IN EYES: Rinse cautiously with water for several minutes.

Remove contact lenses, if present and easy to do. Continue rinsing. Immediately call a doctor.

P303+P361+P353+P310 - IF ON SKIN (or hair): Take off immediately all contaminated clothing. Rinse skin with water/shower.. Immediately call a doctor

2.3. Other hazards

Spillage may create a slip hazard.

PBT: This product is not identified as a PBT substance.

SECTION 3: Composition/information on ingredients

3.2. Mixtures

EC 1272/2008

Chemical Name	CAS No.	EC No.	REACH Registration Number	Conc. (%w/w)	Classification
Propan-2-ol	67-63-0	200-661-7	01-2119457558-25	1 - 5	Flam. Liq. 2: H225; Eye Irrit. 2: H319; STOT SE 3: H336;
Decyl Aminoethylaminopropyl Polydimethylsiloxane	2378737-27-8		N/A	1- 5	Skin Irrit. 2; H315 Eye Dam. 1; H318
Siloxanes and Silicones, 3-[(2-aminoethyl)amino]propyl Me, di-Me, hydroxy-terminated	75718-16-0		N/A	0.1 – 1.0	Skin Irrit. 2; H315 Eye Dam. 1; H318

Also contains other unclassified ingredients

SECTION 4: First aid measures

4.1. Description of first aid measures

Inhalation	Move the exposed person to fresh air.
Eye contact	Rinse immediately with plenty of water for 15 minutes holding the eyelids open.
Skin contact	Wash off immediately with plenty of soap and water. Remove contaminated clothing.
Ingestion	DO NOT INDUCE VOMITING.

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

Inhalation	No significant hazard.
Eye contact	May cause irritation to eyes.
Skin contact	No significant hazard.
Ingestion	Ingestion may cause nausea and vomiting.

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

Inhalation	If you feel unwell, seek medical advice (show the label where possible).
Eye contact	Seek medical attention if irritation or symptoms persist.
Skin contact	Seek medical attention if irritation or symptoms persist.
Ingestion	If you feel unwell, seek medical advice (show the label where possible).

SECTION 5: Firefighting measures

5.1. Extinguishing media

Use extinguishing media appropriate to the surrounding fire conditions.

5.2. Special hazards arising from the substance or mixture

Burning produces irritating, toxic and obnoxious fumes.

5.3. Advice for firefighters

Wear self-contained breathing apparatus and protective clothing.

SECTION 6: Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures

Ensure adequate ventilation of the working area. Avoid contact with skin and eyes.

6.2. Environmental precautions

Do not allow product to enter drains. Prevent further spillage if safe.

6.3. Methods and material for containment and cleaning up

Transfer to suitable, labelled containers for disposal. Clean spillage area thoroughly with plenty of water.

6.4. Reference to other sections

See section 8. EXPOSURE CONTROLS / PERSONAL PROTECTION for further information.
See section 13. DISPOSAL CONSIDERATIONS for further information.

SECTION 7: Handling and storage

7.1. Precautions for safe handling

Ensure adequate ventilation of the working area. Avoid contact with eyes and skin.
Adopt best Manual Handling considerations when handling, carrying and dispensing.

7.2. Conditions for safe storage, including any incompatibilities

Keep containers tightly closed. Keep in a cool, dry, well-ventilated area.
Store in correctly labelled containers.

7.3. Specific end use(s)

See section 1.2. Relevant identified uses of the substance or mixture and uses advised against for further information.

SECTION 8: Exposure controls/personal protection

8.1. Control parameters

Exposure limits:- COMPONENT ;ISOPROPYL ALCOHOL

List source(s): UK - EH40/2005 Work Exposure Limits, Fourth edition. Published 2020. IRE - 2021 Code of Practice for the Chemical Agents Regulations, Schedule 1. Published by the Health and Safety Authority

Component	The United Kingdom	European Union	Ireland
Isopropyl alcohol	STEL: 500 ppm 15 min STEL: 1250 mg/m ³ 15 min TWA: 400 ppm 8 hr TWA: 999 mg/m ³ 8 hr		TWA: 200 ppm 8 hr. STEL: 400 ppm 15 min Skin

Biological limit values List source(s):

Derived No Effect Level (DNEL) /

See table for values

Derived Minimum Effect Level (DMEL)

Component	Acute effects local (Dermal)	Acute effects systemic (Dermal)	Chronic effects local (Dermal)	Chronic effects systemic (Dermal)
Isopropyl alcohol 67-63-0 (>95)				DNEL = 888mg/kg bw/day

Component	Acute effects local (Inhalation)	Acute effects systemic (Inhalation)	Chronic effects local (Inhalation)	Chronic effects systemic (Inhalation)
Isopropyl alcohol 67-63-0 (>95)				DNEL = 500mg/m ³

Predicted No Effect Concentration (PNEC)

According to our experience and to the information provided to us, the product does not have any harmful effects if it is used and handled as specified. See values below.

Component	Fresh water	Fresh water sediment	Water Intermittent	Microorganisms in sewage treatment	Soil (Agriculture)
Isopropyl alcohol 67-63-0 (>95)	PNEC = 140.9mg/L	PNEC = 552mg/kg sediment dw	PNEC = 140.9mg/L	PNEC = 2251mg/L	PNEC = 28mg/kg soil dw

Component	Marine water	Marine water sediment	Marine water intermittent	Food chain	Air
Isopropyl alcohol 67-63-0 (>95)	PNEC = 140.9mg/L	PNEC = 552mg/kg sediment dw		PNEC = 160mg/kg food	

8.2. Exposure controls

8.2.1. Appropriate engineering controls

Ensure adequate ventilation of the working area.

8.2.2. Individual protection measures

Wear protective clothing.

Eye / face protection
Skin protection – Hand protection
Skin protection - Other
Respiratory protection
Occupational exposure controls

Approved safety goggles.
Wear suitable gloves.
Wear suitable protective clothing.
Wear suitable respiratory equipment when necessary.
Keep away from food, drink and animal feedingstuffs.

SECTION 9: Physical and chemical properties

9.1. Information on basic physical and chemical properties

Appearance

White liquid

Colour:

Opaque White

Odour:	LEATHER
Odour threshold:	Not determined.
pH-value at 20 °C:	7.0 Nominal
Melting point:	Not determined.
Boiling point:	Not determined.
Flash point:	Not applicable.
Flammability (solid, gaseous):	Not applicable.
Auto-ignition temperature:	Not determined.
Decomposition temperature:	Not determined.
Self-igniting:	Not determined.
Danger of explosion:	Product does not present an explosion hazard.
Explosion limits:	Not determined.
Vapour pressure:	Not determined.
Density at 20 °C:	1.000 g/cm ³ Nominal
Relative density	Not determined.
Vapour density	Not determined.
Particle characteristics	Not Applicable
Evaporation rate	Not determined.
Solubility in / Miscibility with water:	miscible.
oxidizing properties	Not determined.
Partition coefficient (n-octanol/water):	Not determined.
Viscosity:	
Dynamic at 20 °C:	Not determined.
Kinematic:	Not determined.

9.2. Other information

Conductivity	No data available
Surface tension	No data available
Gas group	No data available

SECTION 10: Stability and reactivity

10.1. Reactivity

Stable under normal conditions.

10.2. Chemical stability

Stable under normal conditions.

10.3. Possibility of hazardous reactions

No data is available on this product.

10.4. Conditions to avoid

No data is available on this product.

10.5. Incompatible materials

No data is available on this product.

10.6. Hazardous decomposition products

No data is available on this product.

SECTION 11: Toxicological information:- COMPOSITION

11.1. Information on toxicological effects

Skin corrosion/irritation	No significant hazard.
Serious eye damage/irritation	May cause irritation to eyes.

11.1.4. Toxicological Information

Acute toxicity: Not determined.

Product Information COMPONENT ; ISOPROPYL ALCOHOL

(a) acute toxicity;

Oral	Based on available data, the classification criteria are not met
Dermal	Based on available data, the classification criteria are not met
Inhalation	Based on available data, the classification criteria are not met

Component	LD50 Oral	LD50 Dermal	LC50 Inhalation
Isopropyl alcohol	5045 mg/kg (Rat) 3600 mg/kg (Mouse)	12800 mg/kg (Rat)	72.6 mg/L (Rat) 4 h

SECTION 12: Ecological information:- COMPOSITION**12.1. Toxicity**

Not determined.

12.2. Persistence and degradability

No data is available on this product.

12.3. Bioaccumulative potential

No data is available on this product.

Partition coefficient

No data available

12.4. Mobility in soil

No data is available on this product.

12.5. Results of PBT and vPvB assessment

No data is available on this product.

12.6. Endocrine disrupting properties

Endocrine Disruptor Information

This product does not contain any known or suspected endocrine disruptors

12.7. Other adverse effects None known.**12.1. Toxicity COMPONENT: ISOPROPYL ALCOHOL**

Ecotoxicity effects . Do not empty into drains.

Component	Freshwater Fish	Water Flea	Freshwater Algae
Isopropyl alcohol	LC50: = 9640 mg/L, 96h flow-through (Pimephales promelas) LC50: > 1400000 µg/L, 96h (Lepomis macrochirus) LC50: = 11130 mg/L, 96h static (Pimephales promelas) LC50: = 10000000 µg/L, 96h (Daphnia)	13299 mg/L EC50 = 48 h 9714 mg/L EC50 = 24 h	EC50: > 1000 mg/L, 72h (Desmodesmus subspicatus) EC50: > 1000 mg/L, 96h (Desmodesmus subspicatus)
Component	Microtox	M-Factor	
Isopropyl alcohol	= 35390 mg/L EC50 Photobacterium phosphoreum 5 min		

12.2. Persistence and degradability Expected to be biodegradable

Persistence Persistence is unlikely, based on information available. **12.3. Bioaccumulative potential** Bioaccumulation is unlikely

Component	log Pow	Bioconcentration factor (BCF)
Isopropyl alcohol	0.05	No data available

12.4. Mobility in soil

The product contains volatile organic compounds (VOC) which will evaporate easily from all surfaces Will likely be mobile in the environment due to its volatility.

Surface tension

Disperses rapidly in air

22.7 mN/m at 20 °C / 68 °F

12.5. Results of PBT and vPvB assessment

Substance is not considered persistent, bioaccumulative and toxic (PBT) / very persistent and very bioaccumulative (vPvB).

12.6. Endocrine disrupting properties

Endocrine Disruptor Information

This product does not contain any known or suspected endocrine disruptors

12.7. Other adverse effects

Persistent Organic Pollutant

This product does not contain any known or suspected substance

Ozone Depletion Potential

This product does not contain any known or suspected substance

SECTION 13: Disposal considerations

13.1. Waste treatment methods

Dispose of in compliance with all local and national regulations.

SECTION 14: Transport information

14.1. UN number

The product is not classified as dangerous for carriage.

14.2. UN proper shipping name

The product is not classified as dangerous for carriage.

14.3. Transport hazard class(es)

The product is not classified as dangerous for carriage.

14.4. Packing group

The product is not classified as dangerous for carriage.

14.5. Environmental hazards

The product is not classified as dangerous for carriage.

14.6. Special precautions for user

The product is not classified as dangerous for carriage.

14.7. Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code

The product is not classified as dangerous for carriage.

SECTION 15: Regulatory information

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

according to 1907/2006/EC, with its amendment Regulation (EU) 2015/830
REGULATION (EC) No 1907/2006 OF THE EUROPEAN PARLIAMENT AND OF THE COUNCIL of 18
December 2006 concerning the Registration, Evaluation, Authorisation and Restriction of Chemicals
(REACH), establishing a European Chemicals Agency, amending Directive 1999/45/EC and repealing
Council Regulation (EEC) No 793/93 and Commission Regulation (EC) No 1488/94 as well as Council
Directive 76/769/EEC and Commission Directives 91/155/EEC, 93/67/EEC, 93/105/EC and 2000/21/EC.

15.2. Chemical safety assessment

No data is available on this product.

SECTION 16: Other information

Other information

Revision

This document differs from the previous version in the following areas:

-N/A New preparation

Text of Hazard Statements

Flam. Liq. 2: H225;	Highly Flammable liquid and vapour
Skin Irrit. 2; H315	Causes skin irritation.
Eye Dam. 1: H318	Causes serious eye damage.
Eye Irrit. 2: H319	Causes serious eye irritation.
Acute Tox. 4: H332	Harmful if inhaled

Further information

The information supplied in this Safety Data Sheet is designed only as guidance for the safe use, storage and handling of the product. This information is correct to the best of our knowledge and belief at the date of publication however no guarantee is made to its accuracy. 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 other process.