

Safety data sheet

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

1.1. Product identifier.

Code: **DEC073**
Product name: **ProteKto EcoSilan**

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

Intended use **Transparent water repellent finish with natural matt effect**

1.3. Details of the supplier of the safety data sheet

Name **NIKKOLOR ITALIA s.r.l.**
Full address **V.LE VITTORIO VENETO, 189**
District and Country **96014 FLORIDIA (SR)**
IT
tel. +39 0931 941789

e-mail address of the competent person
responsible for the Safety Data Sheet

nikkolor@gmail.com

1.4. Emergency telephone number

For urgent inquiries refer to

NIKKOLOR ITALIA s.r.l. tel +39 0931 941789 office hours: 9:00-13:00 / 15:00-18:00

The following are the main anti-poison structures in Italy, operating 24 hours a day, with addresses and telephone numbers useful to contact them promptly:

Bologna - Ospedale Maggiore Centro Antiveleni Via Largo Nigrisoli, 2, Tel. 0051-6478955

Catania - Centro antiveleni –

24/24 ore Ospedale Garibaldi Piazza Santa Maria di Gesù, 6, Tel. 095-7594120 – 095-7594032 Numero verde 800 410989

Firenze - Centro antiveleni –

24/24 ore Ospedale Careggi Viale Pieraccini, 17, Tel.055-7947819

Genova - Centro antiveleni –

24/24 ore Ospedale San Martino Largo Rosanna Benzi, 10, Tel. 010-352808

Lecce - Centro antiveleni –

24/24 ore Ospedale Vito Fazzi Piazza Muratore, 1, Tel. 0832-351105

Milano - Centro antiveleni –

24/24 ore Ospedale Niguarda Piazza Ospedale Maggiore, 3, Tel. 02-66101029

Napoli - Centro antiveleni –

24/24 ore Ospedale Cardarelli Via Cardarelli, 9, Tel. 081-7472870

Roma - Centro antiveleni –

24/24 ore Policlinico A. Gemelli Largo Agostino Gemelli, 8, Tel. 06-3054343

Torino - Centro antiveleni Istituto Anestesia e Rianimazione II Cattedra di Anestesia e Rianimazione

Corso A.M. Dogliotti 14 –

10126 Torino, Tel. 011-6637637

SECTION 2. Hazards identification.

2.1. Substance or mixture classification

EC regulation criteria 1272/2008 (CLP):

The product is not considered dangerous according to EC Regulation 1272/2008 (CLP).

Physico-chemical effects harmful to human health and the environment:

No other dangers

2.2. Label elements

The product is not considered dangerous according to EC Regulation 1272/2008 (CLP).

Hazard pictograms:

None

Hazard statements:

None

Precautionary advice:

None

Special provisions:

EUH210 Safety data sheet available on request.

Special provisions based on Annex XVII of REACH and subsequent amendments:

None

2.3. Other dangers

No PBT, vPvB or endocrine disrupting substances present in concentration > = 0.1%

Other dangers:



No other dangers

SECTION 3. Composition/information on ingredients.

3.1. Substances N.A.

3.2. Mixtures Hazardous components within the meaning of the CLP regulation and related classification:

None.

Qty	Name	Identification number	Classification
> = 1% -	Polysiloxane	CAS: 188627-10-3	 3.3 / 2 Eye Irrit. 2 H319
<2.5%			 3.2 / 2 Skin Irrit. 2 H315

SECTION 4. First aid measures.

4.1. Description of first aid measures in case of skin contact: Wash with plenty of water and soap.

In case of contact with eyes:

In case of contact with eyes, rinse immediately with plenty of water and seek medical advice. In case of ingestion: Do not induce vomiting.

IMMEDIATELY RECEIVE MEDICAL VISIT.

Inhalation: Remove victim to fresh air and keep at rest.

4.2. Main symptoms and effects, both acute and delayed None

4.3. Indication of the immediate need to consult a physician and specialists immediately Treatment: None

SECTION 5. Firefighting measures.

5.1. Extinguishing media.

Suitable extinguishing media:
Waterfall.
Carbon dioxide (CO₂).

Extinguishing media which must not be used for safety reasons:
No one in particular.

5.2. Special hazards arising from the substance or mixture

Do not inhale the gases produced by the explosion and combustion.
Burning produces heavy smoke.

5.3. Recommendations for firefighters

Use suitable respiratory equipment.

Collect the contaminated water used to extinguish the fire separately. Do not discharge it into the sewer system.

If feasible from a safety point of view, move undamaged containers from the area of immediate danger.

SECTION 6. Accidental release measures.

6.1. Personal precautions, protective equipment and emergency procedures.

Wear personal protective equipment.
Move people to a safe place.
Consult the protective measures set out in points 7 and 8.

6.2. Environmental precautions

Prevent penetration into the soil / subsoil. Prevent run-off into surface water or the sewer system.
Retain contaminated washing water and eliminate it.

In the event of a gas leak or entry into waterways, soil or the sewer system, inform the responsible authorities.

Material suitable for collection: absorbent, organic material, sand

6.3. Methods and materials for containment and cleaning up

Wash with plenty of water.

6.4. Reference to other sections

See also paragraphs 8 and 13

SECTION 7. Handling and storage.

7.1. Precautions for safe handling.

Avoid contact with skin and eyes, inhalation of vapors and mists.

See also paragraph 8 for recommended protective devices.

General recommendations on occupational hygiene:
At work do not eat or drink.

7.2. Conditions for safe storage, including any incompatibilities

Keep away from food, drink and feed.

Incompatible materials:
None in particular.

Indication for the premises:
Adequately ventilated rooms.

7.3. Specific end uses

No particular use

SECTION 8. Exposure controls/personal protection.**8.1. Control parameters**

There are no occupational exposure limits available

DNEL exposure limit values

N.A.

PNEC exposure limit values

N.A.

8.2. Exposure controls

Eye protection:

Hermetic protective goggles (ref. Norna EN 166)

Skin protection:

Work clothes with long sleeves and safety footwear for professional use of category I (ref. Standard EN 344)

Hand protection:

Chemical resistant gloves (EN 374)

Respiratory protection:

In case of exceeding the threshold value (e.g. TLV-TWA) of the substance or of one or more of the substances present in the product, it is advisable to wear a mask with a type A filter whose class (1, 2 or 3) must be chosen in relation to the limit concentration of use. (ref. standard EN 14387). If there are gases or vapors of a different nature and / or gases or vapors with particles (aerosols, fumes, mists, etc.), combined filters must be provided. The use means of respiratory protection is necessary in case the technical measures adopted are not sufficient to limit the exposure of the worker to the threshold values taken into consideration. The protection offered by the masks is however limited. In the event that the substance in question is odorless or its olfactory threshold is higher than the relative TLV-TWA and in the event of an emergency, wear an open-circuit compressed air breathing apparatus (ref. EN 137 standard) or a breathing apparatus.

Thermal risks:

Nobody

Environmental exposure controls:

Nobody

Appropriate technical controls:

Nobody

SECTION 9. Physical and chemical properties.**9.1. Information on basic physical and chemical properties.**

Physical state: Liquid

Color: N.A.

Odor: slight

Melting point / freezing point: Not Relevant

Boiling point or initial boiling point and boiling range: Not Relevant

Flammability: N.A.

Lower and upper explosion limits: Not Relevant

Flash point: Non-flammable product

Auto-ignition temperature: Not Relevant

Decomposition temperature: Not Relevant

pH: 9

Kinematic viscosity: Not Relevant

Water solubility: Soluble

Solubility in oil: Not Relevant

Partition coefficient n-octanol / water (logarithmic value): Not Relevant

Vapor pressure: Not Relevant

Density and / or relative density: 1.028 ± 0.05 kg / l

Relative vapor density: Not Relevant

Particle characteristics:

Particle Size: Not Relevant

9.2. Other information

Explosive properties: Not explosive

Miscibility: Completely with water

SECTION 10. Stability and reactivity.

10.1. Reactivity

Stable under normal conditions

10.2. Chemical stability

Stable under normal conditions

10.3. Possibility

Nobody

10.4. Conditions to avoid

Stable under normal conditions.

10.5. Incompatible materials

None in particular.

10.6. Hazardous decomposition products

Nobody.

SECTION 11. Toxicological information.

11.1. Information on the hazard classes defined in Regulation (EC) No. 1272/2008

Toxicological information about the product:

N.A.

Toxicological information concerning the main substances present in the product:

N.A.

Unless otherwise specified, the data required by Regulation (EU) 2020/878 indicated below are to be understood as N.A.:

- a) acute toxicity;
- b) skin corrosion / irritation;
- c) serious eye damage / eye irritation;
- d) respiratory or skin sensitization;
- e) germ cell mutagenicity;
- f) carcinogenicity;
- g) reproductive toxicity;
- h) specific target organ toxicity (STOT) - single exposure;
- i) specific target organ toxicity (STOT) - repeated exposure;
- j) danger in case of aspiration.

11.2. Information on other hazards

Properties of interference with the endocrine system:

No endocrine disruptors present in concentration $\geq 0.1\%$

SECTION 12. Ecological information.

12.1. Toxicity

Use according to good working practices, avoiding to disperse the product in the environment.

N.A.

12.2. Persistence and degradability

N.A.

12.3. Bioaccumulation potential

N.A.

12.4. Mobility in soil

N.A.

12.5. Results of PBT and vPvB assessment

VPvB Substances: None - PBT Substances: None

12.6. Properties of interference with the endocrine system

No endocrine disruptors present in concentration > = 0.1%

12.7. Other adverse effects

Nobody

SECTION 13. Disposal considerations.**13.1. Waste treatment methods**

Recover if possible. Operate according to local and national regulations.

Additional disposal information:

Recover if possible. Send to authorized disposal plants or incinerators under controlled conditions. Operate according to local and national regulations.

SECTION 14. Transport information.**14.1. UN number or ID number**

Not classified as dangerous in the meaning of transport regulations.

14.2. UN proper shipping name

N.A.

14.3. Transport hazard classes

N.A.

14.4. Packing group

N.A.

14.5. Environmental hazards

ADR-Environmental pollutant: No

IMDG-Marine pollutant: No

14.6. Special precautions for users

N.A.

14.7. Bulk shipping in accordance with IMO acts

N.A.

SECTION 15. Regulatory information.**15.1. Health, safety and environmental legislation and regulations specific to the substance or mixture**

Legislative Decree 9/4/2008 n. 81

D.M. Work 02/26/2004 (Occupational Exposure Limits)

Regulation (EC) n. 1907/2006 (REACH)

Regulation (EC) n. 1272/2008 (CLP)

Regulation (EC) n. 790/2009 (ATP 1 CLP) and (EU) no. 758/2013

Regulation (EU) n. 2020/878

Regulation (EU) n. 286/2011 (ATP 2 CLP)

Regulation (EU) n. 618/2012 (ATP 3 CLP)

Regulation (EU) n. 487/2013 (ATP 4 CLP)

Regulation (EU) n. 944/2013 (ATP 5 CLP)

Regulation (EU) n. 605/2014 (ATP 6 CLP)

Regulation (EU) n. 2015/1221 (ATP 7 CLP)

Regulation (EU) n. 2016/918 (ATP 8 CLP)

Regulation (EU) n. 2016/1179 (ATP 9 CLP)

Regulation (EU) n. 2017/776 (ATP 10 CLP)

Regulation (EU) n. 2018/669 (ATP 11 CLP)

Regulation (EU) n. 2018/1480 (ATP 13 CLP)

Regulation (EU) n. 2019/521 (ATP 12 CLP)

Regulation (EU) n. 2020/217 (ATP 14 CLP)

Regulation (EU) n. 2021/643 (ATP 16 CLP)

Restrictions related to the product or the substances contained according to Annex XVII Regulation (EC) 1907/2006 (REACH) and subsequent amendments:

Restrictions related to the product:

No restrictions.

Restrictions relating to the substances contained:

Restriction 75

Where applicable, refer to the following regulations:

Ministerial Circulars 46 and 61 (Aromatic amines).

Directive 2012/18 / EU (Seveso III)

Regulation 648/2004 / EC (Detergents).

D.L. 3/4/2006 n. 152 Environmental regulations

Dir. 2004/42 / EC (VOC Directive)

Provisions relating to the EU directive 2012/18 (Seveso III):

Seveso category III according to Annex 1, part 1

Nobody

15.2. Chemical safety assessment

A chemical safety assessment has not been carried out for the mixture

SECTION 16. Other information.

Text of the sentences used in paragraph 3:

H319 Causes serious eye irritation.

H315 Causes skin irritation.

Class and category of danger	Code	Description
Skin Irrit. 2	3.2 / 2	Skin irritation, Category 2
Eye Irrit. 2	3.3 / 2	Eye irritation, Category 2

This sheet has been revised in all its sections in accordance with Regulation 2020/878.

The information contained in this safety data sheet is based on our current knowledge and is provided in compliance with the requirements of Community and national regulations. The working conditions of the end user are not within our competence and control.

The product should not be used for purposes other than those indicated in section 1 without having obtained prior written instructions. No responsibility is assumed for improper use.

It is always the user's responsibility to comply with the hygiene, safety and environmental protection regulations provided for by the laws in force.

The information contained in this sheet is intended as a description of the characteristics of the product for safety purposes: guarantees of the properties of the product itself are not to be considered.

This document has been prepared by an SDS technician who has received appropriate training.

Main bibliographic sources:

ECDIN - Environmental Chemicals Data and Information Network - Joint Research Center, Commission of the European Communities

SAX's DANGEROUS PROPERTIES OF INDUSTRIAL MATERIALS - Eight Edition - Van

Nostrand Reinold

CCNL - Annex 1

National Institute of Health - National Inventory of Chemical Substances

The information contained herein is based on our knowledge as of the above date. They refer only to the product indicated and do not constitute a guarantee of particular quality.

The user is required to ensure the suitability and completeness of such information in relation to the specific use he must make of it.

This sheet supersedes any previous edition.

ADR: European Agreement concerning the International Carriage of Dangerous Goods by Road.

CAS: Chemical Abstracts Service (division of the American Chemical Society).

CLP: Classification, Labeling, Packaging.

DNEL: Derived No Effect Level.

EINECS: European inventory of European chemicals on the market.

GefStoffVO: Ordinance on Hazardous Substances in Germany.

GHS: Globally Harmonized System of Classification and Labeling of Chemicals.

IATA: Association for International Air Transport.

IATA-DGR: Dangerous goods regulation of the "International Air Transport Association" (IATA).

ICAO: International Civil Aviation Organization.

ICAO-TI: Technical Instructions of the "International Civil Aviation Organization" (ICAO).

IMDG: International Maritime Code for Dangerous Goods.

INCI: International Nomenclature of Cosmetic Ingredients.

KSt: Explosion coefficient.

LC50: Lethal concentration for 50 percent of the test population.

LD50: Lethal dose for 50 percent of the test population.

PNEC: Predicted No Effect Concentration.

RID: Regulation concerning the international transport of dangerous goods by rail.

STA: Estimation of acute toxicity

STAmix: Acute Toxicity Estimate (Mixtures)

STEL: Short Term Exposure Limit.

STOT: Organ-specific toxicity.

TLV: Threshold Limit Value.

TWA: Time weighted average

WGK: Water hazard class (Germany).