

 the MANICURE company	MATERIAL SAFETY DATA SHEET
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[According to Regulation (EC) No 1907/2006 of the European Parliament]

Section 1: Identification of the preparation and of the company

1.1. Identification of the substance or preparation

Product name

PRO PREP & WIPE

Product code

NSGPRO

1.2 . Use of substance/preparation

Organic solvent.

1.3. Company/ undertaking identification

Manufacturer:

The Manicure Company Ltd
Unit 656 Northern Industrial
Extension, Cleaboy Road
Waterford City, IRELAND

telephone

+353 51 364 492

website:

www.themanicurecompany.com

e-mail

info@themanicurecompany.com

1.4 . Emergency telephone

999 (emergency number)

Section 2: Hazards Identification

2.1. Classification of the substances or composition

Emergency overview:

Flammable liquid and vapour. Harmful if swallowed or inhaled. Affects central nervous system.
Causes irritation to skin, eyes and respiratory tract.

Environmental hazards:

Product is not classified as dangerous for the environment.

2.2. Labelling

Code letter and symbols of danger

Xi



Irritant F Highly



Flammable

According to GHS / CLP:



Warning password: **Danger**

2.3. Other hazardous

Potential Health Effects, Signs and Symptoms of Exposure:

Primary Route of Entry Inhalation, skin contact, eye contact

Eye Exposure causes eye irritation. Symptoms include stinging, tearing, redness and swelling.

Skin Can cause skin irritation. Prolonged or repeated contact may dry the skin. Symptoms may include redness, burning, drying and cracking, and skin burns.

Ingestion Swallowing small amounts during normal handling is not likely to cause harmful effects; swallowing large amounts may be harmful. This material can get into the lungs during swallowing or vomiting.

Inhalation Vapour and mist are irritating to mucous membrane. Breathing small amounts during normal handling is not likely to cause harmful effects. Breathing large amounts may be harmful. Symptoms usually occur at air concentrations higher than the recommended exposure limits.

Sub-Chronic Effects It may cause headaches, nausea, vomiting and narcotic effect if over-exposed.

Section 3: Composition/ Information of ingredients

3.1. Substance

Not include

3.2. Composition

Chemical name	%	CAS no.	EINECS#	Danger symbols	GHC / CLP
Isopropyl Alcohol	100 %	67-63-0	200-661-7	F R:11, Xi R:36, R:67	Flam. Liq. 2 H225 Eye Irrit. 2 H319 STOT SE 3 H336

Section 4: First aid measures

First aid for skin:

Remove contaminated clothing. Wash exposed area with soap and water. If symptoms persist, seek medical attention.

First aid for eye:

If symptoms develop, move individual away from exposure and into fresh air. Flush eyes gently with water while holding eyelids apart. If symptoms persist or there is any visual difficulty, seek medical attention.

First aid for ingestion:

If individual is drowsy or unconscious. do not give anything by mouth; place individual on the left side with the head down. Seek medical attention for advice about whether to induce vomiting. If possible, do not leave individual unattended.

First aid for inhalation: Remove to fresh air. If breathing is difficult, administer oxygen. If symptoms persist, seek medical attention.

Section 5: Fire-fighting Measures

Extinguishing Media:

Foam, dry chemical, cold water spray.

Fire Fighting Instructions:

Wear self-contained breathing apparatus and protective clothing. USE WATER WITH CAUTION. Use water spray to keep fire-exposed containers cool. Water may be ineffective in fighting the fire. Fight fire from a safe distance and protected location. ***Unusual Hazards:***

Flammable. When exposed to heat and flame, material is a fire explosion hazard. It may produce toxic products CO, Carbon dioxide and oxides of nitrogen. Vapour's may cause a flash fire or ignite explosively. Vapour's may travel considerable distance to a source of ignition and flash back. Prevent build-ups of vapours or gases to explosive concentrations.

Section 6: Accidental release measures

Spill or release procedures

Eliminate all sources of heat and ignition. Use absorbent material for spills and dike it, wash spill material into retaining containers. Place containers in a well ventilated area. Consult an expert on disposal of recovered material and ensure conformity to local disposal regulations. Keep unnecessary and unprotected personnel from entering. Contain and recover liquid when possible. Use non-sparking tools and equipment. Collect liquid in an appropriate container or absorb with an inert material (e. g., vermiculite, dry sand, earth), and place in a chemical waste container. Do not use combustible materials, such as sawdust. Do not flush to sewer! US Regulations (CERCLA) require reporting spills and releases to soil, water and air in excess of reportable quantities. The toll free number for the US Coast Guard National Response Centre is (800) 424-8802. EU Regulations require the consultation of Directive 98/24/EC. If a leak or spill has not ignited, use water spray to disperse the vapours, to protect personnel attempting to stop leak, and to flush spills away from exposures.

Section 7: Handling and storage

7.1. Handling

Keep containers cool and dry. Keep away from heat, light and ignition sources. Avoid breathing high vapour concentrations. Avoid prolonged or repeated contact with skin. Use only with adequate ventilation. Wash thoroughly after handling.

7.2. Storage Store in well ventilated area. Store 70°F +/- 15°F (21°C +/- 8°C), allow some air space above liquid level. Keep containers closed while not in use.

7.3. Specific use(s)

Organic solvent.

Section 8: Exposure controls/ personal protection

8.1. Exposure limit values

Chemical Identity/ CAS	NDS [mg/m ³]	NDSch [mg/m ³]	NDSP	DSB
Isopropyl Alcohol 67-63-0	900	1200	-	-

8.2. Exposure controls

Facilities storing or utilizing this material should be equipped with an eye facility and safety shower. Use process enclosures local exhaust ventilation, or other engineering controls to control airborne levels below recommended exposure limits. Use explosion-proof ventilation equipment.

8.2.1. Occupational exposure controls

Respiratory protection

A NIOSH/MSHA approved air purifying respirator with an organic vapour cartridge or canister may be permissible under certain limited circumstances where airborne concentrations are expected to exceed exposure limits. Protection provided by nuisance level organic vapour dust masks can be used, however the use of the respirator is limited. Follow OSHA respirator regulations found in 29 CFR 1910.134 or European Standard EN 149.

Hand protection

Wear impervious gloves.

Eye protection

Use impermeable clothing to prevent ANY contact with this product, such as gloves, apron, boots, or whole body suit. Nitrile rubber is better than PVC.

Skin protection

Wear impervious clothes.

8.2.2. Environmental exposure controls

Do not allow to enter large amounts of ground water, sewage, waste or soil.

Section 9: Physical and chemical properties

9.1. General Information

Physical state/ form:

liquid

Colour:

colourless

Odour:

characteristic alcoholic

9.2. Important health, safety and environmental information

PH

no data

Flash Point

53°F / 12°C

Melting point/freezing point:	-88 °C
Boiling point:	82-83 °C *
Ignition temperature:	20 °C *
Flammability:	not available
Explosion limits (lower/upper):	2.0% vol./12.0% vol. *
Oxidizing properties:	no data
Vapour pressure (20 °C):	43hPa (20 °C), 76 hPa (30 °C)
Vapour density:	2.07 (air =1)
Relative density (H2O =1):	0.78-0.79 at 20 °C
Water solubility:	at 20 °C is mixed freely.
Solubility in other solvents:	soluble in most organic solvents
Viscosity:	2.86 mPa * s (15 ° C)
Coefficient:	n-octanol/water 0.05 (25 ° C) – literature data
Ignition temperature:	425 ° C
Explosive properties:	of the substance vapour with air can form explosive mixtures
Oxidizing properties:	due to the construction of the molecule is not expected to oxidizing properties

9.2. Other information

No data.

Section 10: Stability and reactivity

10.1. Conditions to Avoid:

Heat, flame, ignition sources.

10.2. Materials to Avoid:

Avoid oxidizing agents, acids & bases (heat).

10.3. Hazardous Decomposition Products:

No data.

Section 11: Toxicological information

Isopropyl alcohol

DL50(oral, rat) 5840 mg/kg

Acute toxicity

LD50 (oral, rat): > 5 045 mg / kg

LC50 (inhalation, rat): > 5 mg / l
LD50 (skin, rabbit): > 12 800 mg / kg

Corrosion / irritation effect of the skin:

Based on available data, the classification criteria are not observed.

Serious eye damage/eye irritation:

Irritating to eye.

Sensitizing effects to respiratory or skin:

Based on available data, the classification criteria are not observed.

Mutagenic effect of fertile cells:

Based on available data, the classification criteria are not observed.

Carcinogenicity:

Based on available data, the classification criteria are not observed.

Noxious effect of fertility:

Based on available data, the classification criteria are not observed.

Toxicity effect of target organs - single exposure:

May cause drowsiness or dizziness.

Toxicity effect of target organs - repeated exposure:

Based on available data, the classification criteria are not observed.

Health effects of exposure to local

Inhalation: Inhalation of vapours may cause nausea, headaches and dizziness, sore throat, cough, nausea, vomiting, gasping breath, agitation, abnormal coordination, awareness. In high concentrations may cause depression of the central nervous system.

Eye Contact: Vapour's may cause irritation to the eyes, causing redness, pain and weakness of vision.

Skin contact: May cause irritation. Repeated or prolonged contact with the product leads to loss of fat in the skin, and may not cause allergic skin damage. It can also occur by sorption damaged skin.

Ingestion: May cause nausea, vomiting, abdominal pain, headache, dizziness, drowsiness.

Section 12: Ecological Information

12.1. Eco toxicity

Acute Toxicity to Fish	Leuciscus idus melanotus 7 020 mg/l (LC ₀ /48h)
Acute Toxicity to Invertebrates	Daphnia magna 9 714 mg/l (EC ₅₀ /24h) > 10 000 mg/l (EC ₁₀₀ /24h)
Acute Toxicity to Algae	Scenedesmus quadricauda 800 mg/l Microcystis aeruginosa 1 000 mg/l
Bioconcentration	
Toxicity to Sewage Bacteria	Pseudomonas putida 1 050 mg/l
Biodegradability	No information available
Chemical Oxygen Demand	No information available

12.2. Mobility

The product is soluble in water.

12.3. Bioaccumulation

Low bioaccumulation potential.

12.4. Degradability

Good biodegradability. The product components are not classified as environmentally hazardous. However, this does not exclude the possibility that large or frequent spills can have a harmful or damaging effect on the environment.

12.5. Other adverse effects

Not tested.

Section 13: Disposal considerations

Non-contaminated, properly inhibited product is not a RCRA hazardous waste. It is the generators responsibility to determine what is classified as a hazardous waste. Comply with all federal, state, and local regulations.

Dispose of dicing materials and absorbent in compliance with State, Local, and Federal regulations. Residual vapours may explode on ignition; do not cut, drill, or weld on or near the container. Mix with compatible chemical which is less flammable and incinerate.

Section 14: Transport information

Land transport ADR / RID

Class 3
Classification code F1
Material number 1219
Proper shipping name ISOPROPANOL
Packing Group II
Labels 3

Air transport IATA

Class 3
Proper shipping name ISOPROPANOL (ISOPROPYL ALCOHOL)
Material number 1219
Packing Group II
Labels 3

Maritime transport IMDG

Class 3
Proper shipping name ISOPROPANOL (ISOPROPYL ALCOHOL)
Material number 1219
Packing Group II
Labels 3

Section 15: Regulatory information

Clean Water Act: Priority Pollutant	This product contains no chemicals listed under the U. S. Clean Water Act Priority
FDA: Food Packaging Status	This product has not been cleared by the FDA for use in food packaging and / or other applications as an indirect food additive.
Occupational Safety and Health Act	This product is considered to be a hazardous chemical under the OSHA Hazard Communication Standard. Its hazards are: <ul style="list-style-type: none"> • Immediate (acute) health hazard • Delayed (chronic) health hazard • Reactive hazard
RCRA	This product is not considered to be a hazardous waste under RCRA (40 CFR 261).
SARA Title III: Section 302 (TPQ)	This product contains no chemicals regulated under Sec. 302 as extremely hazardous substances.
SARA Title III: Section 302 (RQ)	This product contains no chemicals regulated under Section 304 as extremely hazardous chemical for emergency release notification (" CERCLA" List)
SARA Title III: Section 311-312:	This product is considered hazardous under the OSHA Hazard Communication Standard and is regulated under Section 311-312 (40 CFR 370). Its hazards are: <ul style="list-style-type: none"> • Immediate (acute) health hazard • Delayed (chronic) health hazard • Reactive hazard
TSCA Section 8(b): Inventory: TSCA Significant New Use Rule:	This product contains chemicals listed on the TSCA inventory or otherwise complies with TSCA premanufacture notification requirements. None of the chemicals listed have a SNUR under TSCA...

Section 16: Other information

Full range of R-Phrases from Section 3.

- R11 Highly flammable.
- R36 Irritating to eyes.
- R67 Vapour's may cause drowsiness and dizziness.

Full range of H-Phrases from Section 3.

- H225 Highly flammable liquid and vapour.
- H319 Causes serious eye irritation.
- H336 May cause drowsiness or dizziness.

Precautionary statements:Prevention:

P210 Keep away from heat/sparks/open flames/hot surfaces. — No smoking.

P261 Avoid breathing dust/fume/gas/mist/vapours/spray. P271 Use only outdoors or in a well-ventilated area.

Response:

P303+P361+P353 IF ON SKIN IF ON SKIN (or hair): Remove/Take off immediately all contaminated clothing. Rinse skin with water/shower.

P304+P340 - IF INHALED: If breathing is difficult, remove victim to fresh air and keep at rest in a position comfortable for breathing.

P305+P 351 + P 338 - IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.

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