

SAFETY DATA SHEET

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

1.1 Product identifier

Product Name: PRO VITAMIN POLISH REMOVER

Product Code: N2290-91-92

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

Use of substance / mixture: Polish remover without acetone

1.3 Details of the supplier of the safety data sheet

Company Name: Pure Nails
 Unit 10 Saracen Close
 Gillingham Business Park
 Gillingham, Kent
 ME8 0QN

Telephone: 01634 671122

Website: www.purenails.co

E-mail: marketing@purenails.co

1.4 Emergency telephone number

01634 671122

SECTION 2: HAZARDS IDENTIFICATION

2.1 Classification of the substance or mixture

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 Label Elements

Code letter and symbols of danger



Xi Irritant F

GHS/CLP



Highly Flammable

Classification:



GHS07 Exclamation Mark

2.3 Other Hazards

Potential Health Effects, Signs



GHS03 Flame

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

Vapor 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 ON INGREDIENTS

3.1 Substances

Nitrocellulose with nitrogen content <12,2% and at a concentration <20% in a blend of solvents

Chemical Identity and concentration range	CAS No.	EINECS No.	Hazard Symbols	GHS/CLP
Ethyl Acetate 99.85-99.95%	141-78-6	205-500-4	F; R:11, Xi; R:36, R:66, R:67	Flamm. Liq. 2 H225; Eye Irrit. 2 H319; STOT SE 3 H336; EUH 066

3.2 Mixtures

NDA

SECTION 4: FIRST AID MEASURES

4.1 Description of 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 not breathing is difficult, administer oxygen. If symptoms persist, seek medical attention.

4.2 Most important symptoms and effects both acute and delayed

NDA

4.3 Indication of any immediate medical attention and special treatment needed

NDA

SECTION 5: FIREFIGHTING MEASURES

5.1 Extinguishing media

Foam, dry chemical, cold water spray.

5.2 Special hazards arising from the substance or mixture

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. Vapours may cause a flash fire or ignite explosively. Vapours may travel considerable distance to a source of ignition and flash back. Prevent build-up of vapours or gasses to explosive concentrations.

5.3 Advice for firefighters

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.

SECTION 6: ACCIDENTAL RELEASE MEASURES

6.1 Personal precautions, protective equipment and emergency procedures

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 or 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.

6.2 Environmental precautions

NDA

6.3 Methods and material for containment and cleaning up

NDA

6.4 Reference to other sections

NDA

SECTION 7: HANDLING AND STORAGE

7.1 Precautions for safe 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 the skin. Use only with adequate ventilation. Wash thoroughly after handling.

7.2 Conditions for safe storage, including any incompatibilities

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 end use(s)

Polish remover without acetone.

SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION

8.1 Control parameters

Chemical Identity/ CAS	NDS [mg/m ³]	NDSch [mg/m ³]	NDSP	DSB
Etyl Acetate 141-78-6	200	950	-	-

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 Information on physical and chemical properties

Appearance	liquid
Odor & Odor Threshold	characteristic
PH	no data
Viscosity %	no data
Decomposition/Temperature	no data
Octanol/Water Partitioning Coefficient Log Po/w	no data
Vapour Pressure	no data
Vapour Density	no data
Evaporation Rate	no data
Ignition	no data
Solubility in Water (20°)	no data
Flash Point (°F/°C)	<21°C
Flammable Limit (vol%)	highly flammable
Auto-ignition Temperature (vol%)	no data

9.2 Other information

NDA

SECTION 10: STABILITY AND REACTIVITY

10.1 Reactivity

NDA

10.2 Chemical stability

NDA

10.3 Possibility of hazardous reactions

NDA

10.4 Conditions to avoid

Heat, flame, ignition sources.

10.5 Incompatible materials

Avoid oxidizing agents, acids and bases (heat).

10.6 Hazardous decomposition products

NDA

SECTION 11: TOXICOLOGICAL INFORMATION

11.1 Information on toxicological effects

Ethyl Acetate

DL50 (oral, rat)	5600 mg/kg
CL50 (inhalation, rat)	56000 mg/l/4h
Acute Oral Toxicity	nausea and vomiting
Acute Dermal Toxicity	no information available
Acute Inhalation Toxicity	no information available
Irritation – skin	no information available
Irritation – eye	no information available
Sensation	N/DA
Mutagenicity	N/DA
Sub-chronic Toxicity	N/DA

SECTION 12: ECOLOGICAL INFORMATION

12.1 Toxicity

Harmful to aquatic organisms, may cause long term adverse effects in the aquatic environment.

12.2 Persistence and degradability

NDA

12.3 Bioaccumulative potential

Mobility in soil and water is low.

12.4 Mobility in soil

Mobility in water

12.5 Results of PBT and vPvB assessment

NDA

12.6 Other adverse effects

NDA

SECTION 13: DISPOSAL CONSIDERATIONS

13.1 Waste treatment methods

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

14.1 UN Number

1173

14.2 UN Proper Shipping Name

Ethyl Acetate

14.3 Transport hazard class(es)

3

14.4 Packing group

II

14.5 Environmental Hazards

NDA

14.6 Special precautions for user

NDA

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

NDA

SECTION 15: REGULATORY INFORMATION

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

Clean Water Act: Priority Pollutant	This product contains no chemicals listed under the U. S. Clean Water Act Priority Pollutant List.
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
SARA Title III: Section 313:	This product contains no chemicals subject to the reporting requirements of Section 313 of Title III of the Superfund Amendments and Reauthorisation Act of 1986 and 40 CFR Part 372.
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.

International Regulations:

CDSL: Canadian Inventory (on Canadian Transitional List)	Titanium dioxide CAS # 13463-67-7 is on the DSL list. WHMIS+ n/da Hydroxycyclohexyl phenyl ketone CAS #947-19-3 is on the DSL list. WHMIS=n/da Benzophenone, CAS #119-61-9 is on the DSL list. WHMIS=n/da Ethylene glycol dimethacrylate CAS #97-90-5 is on the DSL list. WHMIS=D2B
EINECS: European Inventory:	<p>- HAZARD SYMBOLS: F: Highly Flammable; Xi: Irritant</p> <p>- RISK PHRASES: R11: Highly Flammable; R36: Irritating to eyes; R66: Repeated exposure may cause skin dryness or cracking; R67: Vapours may cause drowsiness and dizziness.</p> <p>- SAFETY PHRASES: S18: Handle and open container with care, S24/25: avoid contact with skin and eyes, S36/37: Wear suitable protective clothing and gloves, S38: in case of insufficient ventilation, wear suitable respiratory equipment.</p>

15.2 Chemical safety assessment

NDA

SECTION 16: OTHER INFORMATION

May also contain:

INCI Name	CAS Number	Concentration %
1. Complex fragrance composition	N/E	0.5-2.0
2. Aqua	7732-18-5	0.1-1.0
3. PEG-20 Castor Oil	9038-23-7	
4. Propylene Glycol	57-55-6	
5. Alcohol denat.	64-17-5	
6. PEG-60 Castor Oil	62886-94-6	
7. Calcium Panthotenate	137-08-6	
8. Inositol	87-89-8	
9. Biotin	58-85-5	
10. Retinol	68-26-8	
11. Tocopheryl Acetate	7695-91-2	
12. Glyceryl Linoleate	2277-28-3/26545-74-7	
13. Glyceryl Linolenate	75685-85-7/56554-41-7	
14. Glyceryl Archidonate	129691-05-0	

Full range of R-Phrases from Section 3

PRO VITAMIN POLISH REMOVER

PURENAILS

R11 Highly Flammable
R36 Irritating to eyes
R66 Repeated exposure may cause skin dryness or cracking
R67 Vapours may cause drowsiness and dizziness

GHS/CLP

Eye Irrit. 2 H319 Causes serious eye irritation
Flam. Liq. 2 H225 Highly flammable liquid and vapour
STOT SE 3 H336 May cause drowsiness or dizziness
EUH 066 Repeated exposure may cause skin dryness or cracking

Disclaimer/Statement of Liability:

All information appearing herein is based upon data obtained from the manufacturers and/or recognised technical sources. While the information is believed to be accurate, Pure Nails, makes no representation as to its accuracy or sufficiency. Judgement as to the suitability of information herein for purchasers purposes are necessarily purchasers responsibility. Therefore, although reasonable care has been taken in the preparation of such information, Pure Nails, extends no warranties, makes no representations or assumes no responsibility as to accuracy or suitability of such information for application to purchasers intended purpose or for consequences of its use.