



SAFETY DATA SHEET (SDS) NETPLUS-P

1. IDENTIFICATION

Product Name: NetPlus-P
Other Name or Code: 3150002
Use: Plaster and stone remover
Supplier Name: DenPlus Inc.
Address: 333-M Chemin du Tremblay
Boucherville, QC, Canada, J4B 7M1
Phone Number for Information: 450.641.1330
Emergency Phone Number: 613.996.6666
Anti-Poison Center of Quebec 1.800.463.5060

2. HAZARDS IDENTIFICATION

2.1 Classification

Serious eye damage/eye irritation - Category 1	H319	Cause serious eye irritation
Corrosive to metals – Category 1	H290	May be corrosive to metals
Skin corrosion/irritation – Category 2	H315	Causes skin irritation
Acute toxicity – oral – Category 4	H302	Harmful if swallowed
Carcinogenicity – oral – Category 2	H351	Suspecting of causing cancer if swallowed
Specific target organ toxicity (STOT) - single exposure - category 3	H335	May cause respiratory irritation
Hazardous to the aquatic environment, short-term (acute) – Category 3	H402	Harmful to aquatic life

2.2 Label elements



Signal word: Warning

Hazard statements: H290 May be corrosive to metals
H302 Harmful if swallowed
H315 Causes skin irritation
H319 Cause serious eye irritation
H335 May cause respiratory irritation
H351 Suspecting of causing cancer if swallowed
H402 Harmful to aquatic life

Precautionary statements:	P234	Keep only in original packaging
	P260	Do not breathe mist, spray, vapors.
	P264	Wash exposed skin thoroughly after handling.
	P273	Avoid to release to environment
	P280	Wear eye protection, face protection, protective clothing, protective gloves.
	P301+P330+P331	IF SWALLOWED: Rinse mouth. Do NOT induce vomiting.
	P303+P361+P353	IF ON SKIN: Remove/Take off immediately all contaminated clothing. Rinse skin with water/shower.
	P305+P351+P338	IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing
	P310	Immediately call a poison center or doctor/physician.
	P363	Wash contaminated clothing before reuse.
	P501	Dispose of contents/container to comply with applicable regulations.

3. INFORMATION ON INGREDIENTS

Aqueous solution of various salts. Strong base: pH 12

Hazardous ingredients	CAS	Concentration range (by weight)
EDTA	64-02-8	10 to 30 %
Sodium hydroxide (aqueous solution)	1310-73-2	0.1 to 1%
Trisodium nitrilotriacetate (NTA)	5064-31-3	0.1 to 1%

4. FIRST-AID MEASURES

4.1 Description of first aid measures

Inhalation	IF INHALED: Remove person to fresh air and keep comfortable for breathing. Call a poison center or doctor if you feel unwell.
Skin Contact	IF ON SKIN: Wash immediately with water. If skin irritation or rash occurs, get medical attention.
Eye Contact	IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Obtain immediate medical attention.
Ingestion	IF SWALLOWED: rinse mouth. Do NOT induce vomiting. Obtain immediate medical attention.

4.2 Most important symptoms and effects, both acute and delayed

Causes eye damage/irritation. May cause respiratory irritation. Abdominal pain.

4.3 Indication of any immediate medical attention and special treatment needed

Obtain medical assistance.

5. FIREFIGHTING MEASURES

5.1 Extinguishing media

In case of fire, use water spray, carbon dioxide (CO₂), spray foam, dry powder. Keep containers cool by spraying water if exposed to fire. Do not use water jet.

5.2 Special hazards arising from the substance or mixture

Not flammable.

5.3 Advice for firefighters

A self-contained breathing apparatus and suitable protective clothing should be worn in case of fire.

6. ACCIDENTAL RELEASE MEASURES

6.1 Personal precautions, protective equipment and emergency procedures

Wear protective gloves and eye/face protection. Wear protective clothing. Avoid breathing vapors.

6.2 Environmental precautions

Avoid release to the environment. Spillages or uncontrolled discharges into watercourses must be alerted to the appropriate regulatory body.

6.3 Methods and material for containment and cleaning up

Collect spillage. Adsorb spillages onto sand, earth or any suitable adsorbent material. Transfer to a lidded container for disposal or recovery.

6.4 Reference to other sections

See sections 8 and 13

7. HANDLING AND STORAGE

7.1 Precautions for safe handling

Do not eat, drink or smoke at the work place. Wash thoroughly after handling. Avoid breathing vapors. Use in a well-ventilated area. May be corrosive to metals. Do not get in eyes, on skin or on clothing.

7.2 Conditions for safe storage, including any incompatibilities

Keep container tightly closed. Store in a well-ventilated place. Keep cool. Store locked up.

Storage temperature (°C): Preferably not exceeding 25°C.

Incompatible materials: Strong acids, metals.

7.3 Specific end use(s)

Aqueous solution to remove plaster and stone on dental appliances such as dentures.

8. EXPOSURE CONTROLS AND PERSONAL PROTECTION

8.1 Control parameters:

Substance	TWA	STEL	Source
Sodium hydroxyde	2 mg/m ³		OSHA
Trisodium nitrilotriacetate	1 mg/m ³	2 mg/m ³	Ascend

TWA: Time-weighted average (8 h)

STEL: Short-term exposure limit (15 min)

8.2 Exposure controls

Appropriate engineering controls

Do not eat, drink or smoke at the work place. Provide adequate ventilation, including appropriate local extraction, to ensure that the occupational exposure limit is not exceeded. Consideration should be given to the work procedures involved and the potential extent of exposure as they may determine whether a higher level of protection is required. The following information is given as general guidance.

Eye/face protection	Wear eye/face protection. Safety spectacles/goggles/full face shield.
Skin protection	Wear suitable gloves and protective clothing. Suitability of gloves should be confirmed with glove manufacturer. Change gloves, if contamination occurs or duration of activity exceeds breakthrough time.
Respiratory protection	Not normally required.

Environmental exposure controls

Ensure proper process control to ensure releases to air are within local permits.

9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance	Clear Liquid
Odor	Very mild odor
pH (Value)	12 - 13
Boiling Point (°C)	> 100
Flash Point (°C)	Not applicable
Flammability (solid, gas)	Not applicable
Vapor pressure (Pascal)	Not applicable
Solubility (Water)	Soluble
Density (g/ml)	1.2 - 1.3

10. STABILITY AND REACTIVITY

10.1 Reactivity

Stable under normal conditions.

10.2 Chemical stability

Stable under storage at normal ambient temperatures.

10.3 Possibility of hazardous reactions

Some components can decompose at elevated temperature.

10.4 Conditions to avoid

Excessive heat.

10.5 Incompatible materials

Avoid contact with aluminium, zinc, iron, oxidizing and reducing agents, acids.

10.6 Hazardous decomposition products

Water vapor. Carbon monoxide, carbon dioxide, nitrogen oxides.

11. TOXICOLOGICAL INFORMATION

This product present no toxic hazard when used in accordance with manufacturer instruction.

Ingredient	Route	Species	Value
EDTA	Oral	Rat	LD50 10 g/kg
Trisodium nitrilotriacetate (NTA)	Oral	Rat	LD50 920 mg/kg
	Inhalation	Rat	LC50 5 mg/L 4 h
Sodium hydroxide	Dermal	Rabbit	LD50 86 g/kg

Carcinogenicity

Ingredient	Group	Source	
NTA	2B	IARC	Suspected to be a human carcinogen

Skin corrosion/irritation

May cause skin irritation and serious eye damage.

Carcinogenicity

This product contains a very small amount of trisodium nitriloacetate which is listed as a potential carcinogen. Although large dietary of NTA have caused urinary tumors in laboratory animals, there is little likelihood that it could cause cancer in human, especially at subtoxic doses.

Reproductive toxicity

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

12. ECOLOGICAL INFORMATION

12.1 Toxicity

No environmental hazard known. May be harmful to aquatic life.

Aquatic toxicity	Ingredient	Dose	Species	Hours
Acute fish toxicity	EDTA	LC50 41 mg/l	Lepomis macrochirus	96
	NTA	LC50 175-225 mg/l	Lepomis macrochirus	96
	NaOH	LC50 1149 mg/l	Trout	
Acute algae toxicity	EDTA	EC50 1.0 mg/l	Desmodesmus subspicatus	72
	NTA	EC50 560-1000 mg/l	Chorella vulgaris	96

12.2 Persistence and degradability

This product is readily biodegradable.

12.3 Bioaccumulative potential

Not expected to bioaccumulate.

12.4 Mobility in soil

This product has not been tested.

12.5 Results of PBT and vPvB assessment

This product has not been tested.

12.6 Other adverse effects

None known.

13. DISPOSAL CONSIDERATIONS

13.1 Waste treatment methods

Do not allow to enter into surface or drains. Dispose in accordance with local regulations.

14. TRANSPORTATION CONSIDERATIONS

Not classified as Dangerous for Transport.

14.1 UN number

Not applicable.

14.2 UN Proper Shipping Name

Not applicable.

14.3 Transport hazard class(es)

Not applicable.

14.4 Packing group

Not applicable.

14.5 Environmental hazards

Not applicable.

14.6 Special precautions for user

Not applicable.

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

Not applicable.

15. REGULATORY INFORMATION

WHMIS 2015

Canadian Hazardous Products Regulations (SOR/2015-17)

Canadian Hazardous Products Act (R.S.C., 1985, c. H-3)

Hazardous Products Information Regulation (Quebec S-2.1, r. 8.1)

16. OTHER INFORMATION

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