

NET-TROL



Wood Cleaner & Colour Restorer



Restores Colour to Exterior Wood

Net-trol Wood Cleaner & Colour Restorer is a safe one part cleaner that restores the natural colour and beauty of wood.

Unlike bleach or chlorine based cleaners it will not damage the wood fibres. Instead it naturally cleans the wood to remove the grey weather beaten look caused by exposure to the sun and rain.

Being natural, Net-trol is safe to use, requiring no specialist equipment or protective clothing and will not harm surrounding plants or shrubs.

A concentrated formula, Net-trol offers exceptional value for money and may be used neat or diluted up to a ratio of 1:4 with clean fresh water.

Net-trol is ideal for decking, exterior furniture (including plastic), stone, concrete and GRP. Net-trol will even remove rust stains.

- **Coverage:** 5 – 25m² per litre depending on dilution
- **Drying Time:** N/A
- **Sizes:** 1ltr, 2.5ltr, 15ltr
- **Application:** Stiff Brush/Broom, Power washer, Garden Sprayer

Tips

To clean surface rust stains or severely weathered wood use Net-trol neat. For wood that is just turning grey, plastic furniture and GRP, a mix of 1 part Net-trol with 4 parts water is usually sufficient to clean and restore the colour. If you are not sure of the strength required, use neat then dilute until required effectiveness is achieved

HARDWOOD GARDEN FURNITURE

Net-trol is ideal for restoring the colour to faded, weathered garden furniture. Suitable for teak and other hardwoods, it restores the rich natural colour and prepares the wood for a penetrating wood finish, such as Owatrol Tectrol



Restores natural colour & beauty

Removes dirt and stains

Brightens grey weathered wood

Easy to apply, easy to use

Concentrated formula


Cleans Hardwood and softwood


Igoe International Ltd. Unit 12, Enterprise Centre, 25 Greenhill Crescent, Watford. WD18 8XU

Tel: 08450 618899 Fax: +44 (0) 1923 219144

Email: sales@igoeinternational.com Website: www.igoeinternational.com : www.owatrol.uk.com

Copyright 2004 © Designed & Developed by the Author, Thomas Rathbone. This leaflet is protected under the terms of license issued by the Copyright Licensing Agency and may not be reproduced in any form without prior permission of the author or company 14/02/08

<p>Printed February 08</p>	<p style="text-align: center;">NET-TROL Wood Cleaner & Colour Restorer Technical Data Sheet</p>	
<p>Description Net-trol does not contain bleach or chlorine but is a mix of Oxalic Acid and detergents specially designed for cleaning and restoring the natural colour and beauty of wood. Unlike bleach or chlorine based cleaners it will not damage the wood fibres. Instead it naturally cleans the wood to remove algae and the grey weather beaten look caused by exposure to the sun and rain. Being natural, Net-trol is safe to use, requiring no specialist equipment or protective clothing and will not harm surrounding plants or shrubs. Net-trol may be diluted up to a ratio of 1:4 with clean water. Note: Net-trol will not remove the green tint found in tanalised timber</p> <p>Where to use Net-trol Net-trol may be used on soft or hard woods. It is ideal for decks (garden or boat), garden furniture as well as stone, concrete, plastic and GRP</p> <p>TECHNICAL DATA</p> <p>Freeze Thaw: Passes 3-5 cycles Shelf Life: 3 years VOC: N/A Flash Point: N/A Temperature Application: 0°C – 40°C</p> <p>Coverage Undiluted up to 5m² per litre Diluted 1:4 with water, up to 25m² per litre Coverage is dependant on the condition, texture and porosity of the surface and whether it is smooth or rough sawn</p> <p>Application Method Soft Brush or Broom, Stiff bristle/nylon Brush or Broom, Power Washer or Garden Sprayer When using a power washer or garden sprayer (Most seals are resistant to oxalic acid, especially in the dilute state) to apply Net-trol, it is important that the Net-trol is not over diluted in the mixing process. When using a power washer Net-trol may be applied neat or diluted up to a maximum of 1:4 with clean water and is best applied at a low pressure. When using a garden sprayer Net-trol is best applied in a dilute state, minimum 1:1 up to a maximum of 1:4 with clean water. Ensure this type of equipment is thoroughly rinsed through with fresh water after use</p> <p>Limitations For exterior use only – do not use indoors Net-trol will dull painted surfaces and metal fittings if not rinsed off quickly Net-trol can be put into any clean non-metal or plastic container The wearing of rubber gloves is recommended for those with sensitive skin Net-trol can remove mildew stains but will not kill it; to do this use household bleach diluted 1:4 with water</p> <p>Sizes 1ltr, 2.5ltr and 15ltr</p> <p>Clean Up Clean all tools and equipment with clean water Store and maintain equipment as directed by manufacturer Transfer leftover Net-trol to a smaller plastic container</p>		

<p>Printed February 08</p>	<p style="text-align: center;">NET-TROL Wood Cleaner & Colour Restorer Technical Data Sheet</p>	
<p>Directions for use:</p> <p>SURFACE PREPARATION Remove all surface debris i.e. moss and general dirt prior to using Net-trol</p> <p>APPLICATION Wood Check to see if the area you wish to treat is porous. The following simple test will tell you. Sprinkle some water lightly over the area. If it is absorbed, Net-trol will work. If it stands on the surface like a bead, Net-trol will not work. In this situation use Prepdeck Stripper/Cleaner or a paint/varnish remover</p> <p>If the water is absorbed proceed as follows:</p> <ol style="list-style-type: none">1. Shake container well before use. If contents have settled to crystals in the bottom – pour off the liquid, add a little hot water; replace the cap, shake until crystals dissolved then replace the poured off liquid2. Thoroughly wet the surface to be treated, with clean water3. Use Net-trol neat OR dilute up to a MAXIMUM of 1 part Net-trol to 4 parts clean water depending on the condition of the surface to be treated4. Apply a generous coat of the Net-trol solution to the area to be treated5. Leave to stand for 20-30 minutes, this is important to allow Net-trol to work6. Keep the surface wet with the Net-trol solution. Do not allow it to dry7. Scrub surface with a stiff bristle or nylon brush, not a wire brush, and rinse with large amounts of clean water, using the highest pressure from the water source available, or use a power washer at 500 - 1000psi8. Allow the wood to dry thoroughly (minimum of 2-3 warm, dry days) before applying the finish coat <p>Note For treating nail stains, apply Net-trol neat to the entire surface around the stain, not just the stain; rinse thoroughly. When wood is dry, counter sink and putty all nails to be sure the stains will not return</p> <p>Concrete and Rust Stains Rust stains on concrete can be difficult to remove. Net-trol is the solution</p> <ol style="list-style-type: none">1. Wet the surface2. Apply Net-trol neat using a brush3. Leave to work for 10 minutes4. Scrub the surface using a stiff bristle or nylon brush5. Keep surface wet with Net-trol. Do not allow it to dry6. Rinse with large amounts of fresh clean water <p>Plastic and GRP As on many surfaces mould or algae develops on plastic and GRP over the winter months. Using detergents or scouring powders is often too aggressive for this type of surfaces Use Net-trol as for concrete and rust stains</p> <p>Good Application Practice Cover everything you do not wish to treat</p> <p>Health and Safety Material Safety Data Sheets for this and all other Owatrol products are freely available from the place of purchase or the address below. Store in secure dry conditions inaccessible to children and animals. Containers should be kept closed during storage. Do not empty into drains, watercourses or access routes to septic tanks</p> <p>Availability Net-trol is available through quality paint stores, timber merchants and marine outlets</p> <p>For further information please contact the address below</p>		

Printed
February 08

NET-TROL

Wood Cleaner & Colour Restorer



Frequently Asked Questions

What is in Net-trol?

Net-trol is a detergent type cleaner containing oxalic acid. In its undiluted state, it has about 8% - 10% oxalic acid.

Will Net-trol remove paints and pigmented stains?

Net-trol is not a stripper and will not remove any finish that is in sound condition.

Will Net-trol harm the asphalt or fibreglass shingles on my roof? Will it stain my concrete or brick?

Net-trol will not damage these surfaces, but since oxalic acid does have a bleaching effect, it may produce lighter areas on some surfaces. One way to minimize this is to wet the adjacent surface before, during and after using the Net-trol.

Will Net-trol bring a natural colour back to all wood?

Yes, except for pressure treated wood or if the discolouration is from some treatment or finish used in the past that permanently discoloured it. In some cases, you may have to use a stronger solution and allow it to remain on the surface longer. Net-trol will not bring back a natural colour to pressure treated wood because its natural colours were lost when it was treated.

Will Net-trol kill mildew

No. Use a 50/50 solution of bleach and water to kill the mildew. Follow with an application of Net-trol to neutralise the bleach, clean the wood and restore the natural colour

Where can Net-trol be used?

Net-trol is versatile enough to clean pressure treated wood, cedar, redwood, log homes, wood fences, aluminium and vinyl siding, fibreglass, stone, concrete, rust stains and more.

Can you mix Net-trol with bleach?

NO!!!!!! – The chlorine mixing with Net-trol creates toxic fumes

Is Net-trol harmful to plants or shrubs?

No. Net-trol is mild and will not harm plants or shrubbery, it may cause some “burn” marks on foliage.

What advantage does Net-trol have over bleach-based deck cleaners or household bleach?

These types of products are damaging to the cell structure of wood. They break down the binder (lignin), which holds the wood cells together creating a soft spongy surface that weathers more quickly and has an adverse effect on the appearance of natural finishes. Net-trol will not remove the natural colour of the wood while bleach and bleach-based deck cleaners will. Many of the less expensive deck cleaners are just a mix of bleach and detergent. Net-trol is not harmful to plants and it is not damaging to the wood.

Can Net-trol be put through powerwash equipment?


Yes. The best way is to apply it at a low pressure using the Venturi injection tube, allow it to sit on the wood, then powerwash off with the pressure set at 500 to 700psi. Venturi injectors reduce the Net-trol to a 1:10 ratio, so it will not be as effective as it would when applied at a 1:4 mix. Rinse the equipment thoroughly after use. (Most seals are resistant to oxalic acid, especially in the diluted state)

Can Net-trol be applied with a garden type sprayer?

It can, but you must be sure it is not over diluted in the mixing process. When using a garden sprayer it is best applied diluted, up to a maximum of 1:4 with water **But** be sure to rinse the equipment thoroughly after use

Will Net-trol remove nail stains?

Yes. Apply Net-trol to the entire surface around the nail stains, not just the stains; rinse thoroughly. After the wood is dry, counter-sink and putty all nails to be sure stains will not return.

<p>Printed February 08</p>	<p style="text-align: center;">NET-TROL Wood Cleaner & Colour Restorer Frequently Asked Questions</p>	
<p>How do I know what dilution to use? Net-trol can be used neat or diluted up to a maximum of 1:4 with clean water. Dilution is very much dependent on the condition of the surface you are cleaning and what you are trying to clean. The best way is to test a small area first using the maximum dilution (1:4) and work backwards from there until the desired result is achieved</p> <p>What is the coverage of Net-trol? A litre, diluted 1:4 with water, will clean up to 25sqm's, undiluted a litre will clean up to 5sqm's. Coverage is affected by the condition, texture and porosity of the surface to be cleaned</p> <p>What are the crystals in Net-trol? These are crystallised Oxalic Acid and in no way will affect the performance of Net-trol. If the contents have settled to crystals in the bottom and will not mix in easily - pour off the liquid and add a little hot water. Replace the cap, shake, then replace the poured off liquid</p>		



SAFETY DATA SHEET

1 - IDENTIFICATION OF THE SUBSTANCE/PREPARATION AND OF THE COMPANY/UNDERTAKING

Identification of the substance or preparation:

Name: NET-TROL.
Product code: NET001.

Company/undertaking identification:

Registered company name: DURIEU S.A..
Address: Z.A.I. "La Marinière" 2,bis rue Charles de Gaulle.91070.BONDOUFLE.FRANCE.
Telephone: + 33 (0)1.60.86.48.70. Fax:+ 33 (0)1.60.86.84.84. Telex:.
sp.auger@durieu.com
www.durieu.com

Emergency telephone: + 33 (0)1.45.42.59.59.

Association/Organisation: ORFILA / INRS <http://www.centres-antipoison.net>.

Use of the substance/preparation:

Wood Cleaner & Colour Restorer.

2 - HAZARDS IDENTIFICATION

This product is not classed as flammable. Refer to the recommendations regarding the other products present on the site
Possibility of noxious effects with symptoms of slight poisoning by contact with the skin and swallowing.

Preparation classification:

Harmful.



R 21/22

Harmful in contact with skin and if swallowed.

3 - COMPOSITION/INFORMATION ON INGREDIENTS

Full text of risk phrases appearing in section 3: see section 16.

Hazardous substances present on their own:

(present in the preparation at a sufficient concentration to give it the toxicological characteristics it would have in a 100% pure state)

INDEX	CAS	EC	Name	Symb.	R:	%
607-006-00-8	144-62-7	205-634-3	OXALIC ACID	Xn	21/22	10 <= x % < 25

Other substances representing a hazard:

No known substance in this category present.

Substances present at a concentration below the minimum danger threshold:

No known substance in this category present.

Other substances with occupational exposure limits:

No known substance in this category present.

4 - FIRST AID MEASURES

As a general rule, in case of doubt or if symptoms persist, always call a doctor.

NEVER induce swallowing in an unconscious person.

In the event of exposure by inhalation:

-

In the event of splashes or contact with eyes:

Wash thoroughly with soft clean water for 15mn holding the eyelids open.

Refer to an ophthalmologist in particular if there is any redness, pain or visual impair.

In the event of splashes or contact with skin:

Remove contaminated clothing and wash the skin thoroughly with soap and water or a recognised cleaner.

DO NOT use solvents or thinners.

If the contaminated area is widespread and/or there is damage to the skin, a doctor must be consulted or the patient transferred to hospital

In the event of swallowing:

In the event of swallowing, if the quantity is small (no more than one mouthful), rinse the mouth with water, administer activated medical charcoal and consult a doctor.

Consult a doctor and show him the label.

If swallowed accidentally, call a doctor to assess the need for monitoring and subsequent treatment in hospital. Show him the label.

5 - FIRE-FIGHTING MEASURES

Not relevant.

6 - ACCIDENTAL RELEASE MEASURES

Personal precautions:

Avoid any contact with the skin and eyes.

Consult the safety measures listed under headings 7 and 8.

Environmental precautions:

Contain and control the leaks or spills with non-combustible absorbent materials such as sand, earth, vermiculite, diatomaceous earth in drums for waste disposal.

Prevent any material from entering drains or waterways.

Use drums to dispose of waste recovered in accordance with applicable regulations (see heading 13).

If the product contaminates waterways, rivers or drains, alert the relevant authorities in accordance with statutory procedures

Methods for cleaning up:

Clean preferably with a detergent, do not use solvents.

7 - HANDLING AND STORAGE

The regulations relating to storage premises apply to workshops where the product is handled.

Handling:

Keep containers tightly closed.

Fire prevention:

Prevent access by unauthorised personnel.

Recommended equipment and procedures:

For personal safety, see §8.

Observe precautions stated on label and also industrial safety regulations

Avoid contact of product with the skin and eyes

Prohibited equipment and procedures:

Smoking, eating and drinking are prohibited in premises where the preparation is used

Never open the packages under pressure

Storage:

Keep the container tightly closed in a dry, well-ventilated place

Keep away from food and drink, including those for animals.

Keep out of the reach of children

Opened container must be thoroughly closed and kept in vertical position.

Keep away from freezing.

Do not keep in metallic container because of corrosion.

8 - EXPOSURE CONTROLS/PERSONAL PROTECTION

Technical measures:

For outdoor uses only. Rinse with fresh water.

Exposure limit values per INRS ED 984:

France	VME-ppm:	VME-mg/m3:	VLE-ppm:	VLE-mg/m3:	Notes:	TMP N°:
144-62-7	-	1	-	-	-	-

Exposure limit values per 2006/15/CE, 2000/39/EC and 98/24/EC:

EC	VME-ppm:	VME-mg/m3:	VLE-ppm:	VLE-mg/m3:	Notes:
144-62-7	1	-	-	-	-

Respiratory protection:

-

Hand protection:

Wear neoprene rubber or nitrile rubber gloves.

Eye and face protection:

Use personal protection equipment.

Skin protection:

For further information, see § 11 of S.D.S. - Toxicological information.

9 - PHYSICAL AND CHEMICAL PROPERTIES

General information:

Physical state: viscous liquid

Important health, safety and environmental information:

pH of the substance or preparation: strongly acidic.

When a pH measure is possible, it has a value of: 1.50 .

Boiling point/boiling range: not relevant.

Flash point interval: not relevant.

vapour pressure: not relevant.

Density: > 1

water solubility: Soluble.

Other information:

melting point/melting range: not relevant.

Self-ignition temperature: not relevant.

Decomposition point/decomposition range : not relevant.

10 - STABILITY AND REACTIVITY

The preparation is stable at the handling and storage conditions recommended per § 7 of the safety data sheet,
Shake product well before using.

11 - TOXICOLOGICAL INFORMATION

No data is available regarding the preparation itself.

In the event of swallowing:

Refer to §4 "FIRST AID".

In the event of splashes or contact with skin:

In case of contact with skin, without any protection, can cause burns.

In the event of splashes or contact with eyes:

Refer to §4 "FIRST AID".

Other data:

Formula sent to the I.N.R.S.

-

12 - ECOLOGICAL INFORMATION

No ecological data on the product itself is available.

The product must not be allowed to run into drains or waterways.

Other adverse effects:

Diluted in plenty of water, the product does not present significant environmental risks.

13 - DISPOSAL CONSIDERATIONS

Do not pour into drains or waterways.

Waste:

Recycle or dispose of waste in compliance with current legislation, preferably via a certified collector or company.

Do not contaminate the ground or water with waste, do not dispose of waste into the environment.

Soiled packaging:

Empty container completely. Keep label(s) on container.

Give to a certified disposal contractor.

14 - TRANSPORT INFORMATION

Exempt from transport classification and labelling.

Transport product in compliance with provisions of the ADR for road, RID for rail, IMDG for sea and ICAO/IATA for air transport (ADR 2007 - IMDG 2006 - ICAO/IATA 2007).

15 - REGULATORY INFORMATION

This preparation was classified in compliance with the directive known as <All preparations> 1999/45/EC and its adaptations

In addition directive 2001/59/EC with the 28° adaptation of directive 67/548/EEC (Hazardous substances) have been taken into account.

Preparation classification:

Harmful.



Contains:

607-006-00-8

OXALIC ACID

Particular hazards associated with the preparation and safety recommendations:

R 21/22	Harmful in contact with skin and if swallowed.
S 2	Keep out of the reach of children.
S 36/37	Wear suitable protective clothing and gloves.
S 46	If swallowed, seek medical advice immediately and show this container or label.
S 13	Keep away from food, drink and animal feedingstuffs.
S 25	Avoid contact with eyes.
S 24	Avoid contact with skin.

Particular provisions:

Tactile warning of danger.

16 - OTHER INFORMATION

Since the user's working conditions are not known by us, the information supplied on this safety data sheet is based on our current level of knowledge and on national and community regulations.

The product must not be used for any purposes other than those specified under heading 1 without first obtaining written handling instructions.

It is at all times the responsibility of the user to take all necessary measures to comply with legal requirements and local regulations.

The information given on this safety data sheet must be regarded as a description of the safety requirements relating to our product and not a guarantee of its properties

Full text of risk phrases appearing in section 3:

R 21/22 Harmful in contact with skin and if swallowed.