



### FICHA TÉCNICA

#### Revestimiento de nanotecnología NG1010

Carbone Nanotechnology

#### DESCRIPCIÓN

NH 2015 es un restaurador y nano protector de metales para acero inoxidable satinado y brillante, bronce, aluminio, metales cromados y otros metales no ferrosos como la plata. Aplicar NH 2015 con moderación a su superficie metálica utilizando un paño de algodón. Ideal para barandas de acero inoxidable brillantes y satinadas sobretodo en áreas costeras, griferías de baño, rines, herrajes de vidrio y de fachadas, ascensores, neveras, estufas, letreros, aluminio, anodizado, bronce, yates, barcos, restaurantes, hoteles, hospitales, Industria alimenticia.

#### CÓDIGO

**NANO46-NH2015(250ml)**



**Marca:** Carbone Nanotechnology

**Envase:** 250 ml

**Color:** Amarillo

**Uso:** Listo para usar, **No diluya.**

**Temperatura de Almacenamiento:** +22° C evitar calor

**Aplicación:** Aplicar NH 2015 con moderación a su superficie metálica utilizando un paño de algodón o paño microfibra. Aplíquelo uniformemente en un movimiento circular. acero inoxidable muy manchado debe usar un aplicador más robusto.

**Para superficies:** barandas de acero inoxidable

brillantes y satinadas sobretodo en áreas costeras,

griferías de baño, rines, herrajes de vidrio y de fachadas

ascensores, neveras, estufas, letreros, aluminio,

anodizado, bronce, yates, barcos, restaurantes, hoteles

, hospitales e Industria alimenticia.

**Ventajas:** Resuelve el problema de las manchas marrones

(mancha de Té) en el acero inoxidable en las costas y

protege de contaminantes en las construcciones,

Excelente protección para metal nuevo, restauración y

limpieza para metal viejo, económico y de larga duración

protege por más de 2 años, nanotecnología revestimiento

ultra delgado invisible, no tiene productos químicos fuertes

Fácil de limpiar crea una superficie antiadherente, A base

de agua amigable con el medio ambiente

**Procedencia:** Australia

MSDS /ANSI Z400.1 / ENGLISH 91/155/EWG

# Material Safety Data Sheet

## Section 1. Chemical Product and Company Identification

**PRODUCT NAME:** NH 2015, Cleaning and Polishing Product

**SUPPLIER:** Nanovations Pty Ltd  
Sydney ,  
Australia

**EMERGENCY HEALTH INFORMATION:** +61 2 99755602  
**EMERGENCY SPILL** 1 (800) 424-9300  
**INFORMATION:** CHEMTREC (USA)  
**OTHER PRODUCT INFORMATION** +61 2 99755602  
email info@nanovations.com.au

## Section 2. Composition, Information on Ingredients

Name	CAS	%		R-phrases
Aliphatics	64742-88-7	1-2 %	Xn	65, 66
Polydimethylsiloxane	102782-97-8	3-5%	Xi	36,38
Crystalline Silica	7631-89-9	20 -40%	-	-

## Section 3. Hazard Identification

**Physical state** Liquid.  
**Color** Milky beige  
**Emergency Overview** No special dangers admits

**POTENTIAL HEALTH EFFECTS** Irritating to the eye  
Do not generate dust

### Classification

Classification according to EWG listings , chemical literature and company information.

See Toxicological Information (section 11)

**Section 4. First Aid Measures**

<b>Eye Contact</b>	In case of contact, immediately flush eyes with plenty of water for at least 15 minutes. Get medical attention if irritation occurs.
<b>Skin Contact</b>	In case of contact, flush skin with plenty of water and soap..
<b>Inhalation</b>	Do not create dust – wear dust mask
<b>Ingestion</b>	Do NOT induce vomiting unless directed to do so by medical personnel. If large quantities of this material are swallowed, call a physician immediately.

**Section 5. Fire Fighting Measures**

<b>Flammability of the Product</b>	Non Flammable
<b>Auto ignition Temperature</b>	Not applicable.
<b>Flash Points Flammable Limits</b>	Not applicable.
<b>Products of Combustion</b>	None
<b>Unusual fire/explosion hazards</b>	Not applicable.
<b>Fire Fighting Media and Instructions</b>	Use extinguishing media appropriate for surrounding fire. Not applicable

**Section 6. Accidental Release Measures**

<b>Large Spill and Leak</b>	Small quantities can be mopped or wiped up with rags. Large quantities should be directed to collecting basin or drain with dikes or swabs.. For small spills add absorbent (soil may be used in the absence of other suitable materials)
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**Section 7. Handling and Storage**

<b>Handling</b>	Keep container closed. Store out of direct sunlight.
<b>Storage</b>	Suitable for any general chemical storage area. Protect from freezing. Store at cool and dry place. Keep away from food

**Section 8. Exposure Controls, Personal Protection****Engineering Controls**Non required  
Gloves

Safety goggles.

**Personal Protection**

*Eyes* Avoid contact with eyes. Wear protective Goggles  
*Skin and Body* Avoid longer contact with skin.  
*Respiratory* Do not create dust. Wear dust mask  
*Hands* Wear gloves

**Section 9. Physical and Chemical Properties**

<b>Physical state</b>	Liquid.	<b>Odor</b>	nearly odorless
<b>flash point:</b>	N/A		
<b>pH</b>	~ 2.5- 3	<b>Color</b>	milky beige
<b>Boiling/Condensation</b>	N/A		
<b>Point Melting/Freezing</b>	0°C (32°F) based on data for water		
<b>Point Specific Gravity</b>	~1,2 g/cm³ (Water = 1)		
<b>Vapor Pressure Vapor Density</b>	Not available.		
<b>Odor Threshold</b>	N/A		
<b>Evaporation Rate</b>	N/A		
<b>LogK<sub>ow</sub></b>	N/A		
<b>Dispersion</b>			
<b>Solubility</b>	Soluble in water.		

**Section 10. Stability and Reactivity**

**Stability and Reactivity** The product is stable.

**Conditions to avoid** Temperature extremes. Avoid Frost

**Incompatibility with** N/A

### Section 11. Toxicological Information

<b>Acute toxicity</b>	:	No Information
<b>LD/LC50</b>		
	N/A	
<b>Skin:</b>	Irritating	
<b>Eyes</b>	Irritating	
<b>Sensitisation:</b>	The material is not sensitising	
<b>Additional info</b>	N/A	

### Section 12. Ecological Information

<b>Eco-toxicity</b>	class 1 slightly harmful to aquatic organisms.
<b>Persistence Potential</b>	This product is readily biodegradable.

### Section 13. Disposal Considerations

<b>Waste Information</b>	Waste must be disposed of in accordance with federal, state and local environmental control regulations.
<b>Consult your local or regional authorities.</b>	

### Section 14. Transport Information

The product is not classified as dangerous goods.  
Hazard warning not required for Air , Sea or Road transport

<b>14.1 Road transport:</b>	<b>No Restrictions</b>	<b>Hazard warning not required</b>
<b>14.2 Sea transport:</b>	<b>No Restrictions</b>	<b>Hazard warning not required</b>
<b>14.3 Air transport:</b>	<b>No Restrictions</b>	<b>Hazard warning not required</b>

### Section 15. Regulatory Information

<b>U.S. Regulations</b>	US INVENTORY (TSCA): Listed on inventory.
<b>Other Regulations</b>	AUSTRALIAN INVENTORY (AICS): inventory. CANADA INVENTORY (DSL): Listed on inventory. CHINA INVENTORY (IECS): Listed on inventory. EC INVENTORY (EINECS/ELINCS): Listed on inventory. JAPAN INVENTORY (ENCS): Listed on inventory. KOREA INVENTORY (ECL): Listed on inventory. <b>Australian Hazchem Code:</b> No information found.

**Section 16. Other Information****Label Requirements****R-phrases and S-phrases**

**R36:** Eye irritation

**R38:** Skin irritation

**R65:** Harmful: may cause lung damage if swallowed

**R66:** Repeated exposure may cause skin dryness or cracking

**(S2):** Keep out of the reach of children

**S29:** Do not empty into drains

**Section 17. Disclaimer**

To the best of our knowledge, the information contained herein is accurate. However, neither the above named supplier nor any of its subsidiaries assumes any liability whatsoever for the accuracy or completeness of the information contained herein. Final determination of suitability of any material is the sole responsibility of the user. All materials may present unknown hazards and should be used with caution. Although certain hazards are described herein, we cannot guarantee that these are the only hazards that exist.

# NH 2015 Metal



Brown discoloration or Tea staining of stainless steel in a coastal environment is a common problem in Australia and overseas.

NH 2015 Metal is a product for the removal of stubborn tea stains, oxidations and contaminations from uncoated metal surfaces like stainless steel, aluminum and other uncoated metals.

A special formulated abrasive blend makes it easy to remove all stains . The nano scale hydrohobic active substance provide a long lasting , ultra thin protection and a durable easy to clean surface effect.

Stainless steel and other metals will stay shiny and protected even at harsh marine environments or in areas with high pollution or dust levels.

Older and contaminated surfaces can be brought back to the original conditions.



Water runs off easily from the treated surface. The protective effect last up to 2 years, and show increasing life span with periodical application.

During this time all contaminations can be wiped off with a wet cloth.

The product can be applied directly to the substrate to be cleaned or to be protected, without further preparation. Low consumption between 20 and 50 ml a square metre depending on the conditions of the substrates.

20- 60 square meter per litre ( 180 – 540 square foot)



## NH 2015 benefits

- ┌ For any metal surface
- ┌ Low consumption
- ┌ Easy to apply
- ┌ Excellent stain removal
- ┌ simple to maintain , easy re-application
- ┌ Economical use
- ┌ Excellent long term protection
- ┌ Reduces dirt adherence.
- ┌ Significant reduces the maintenance time and costs.
- ┌ Easy to clean.

Chemical characteristic	Water based – abrasive metal cleaner
Active components	abrasives with Nano-scale hydrophobic active blend
Colour	Milky yellow
Gloss factor	N / A
Curing	The hydrophobic properties appear after 30 minutes
Viscosity	N/A
Specific. weight	1.1 kg / l
Hazard warning signs	Irritant liquid , abrasive
Transport requirement/ class	Not classified as dangerous goods
Waste disposal	The product must be disposed in accordance with national regulations.
Storage conditions	Original containers min. 12 month at +22°C avoid hot storage conditions
Packaging	1 liter , 5 liter , 20 liter
Application	undiluted wipe on , polishing
Consumption rate	20 –ml square metre (appr.9 square foot)
Tool cleaning	water,
Environmental precautions	N/A
Safety precautions	Read all safety directions and warnings on the packaging and MSDS
OH&S	Refer the safety-relevant guidelines .

## APPLICATION DIRECTIONS

Surface preparation	The surface must be dry.
Application Directions	<p>Apply evenly with micro fiber cloth and polish until metal is clean and shiny.</p> <p>Remove excess product during or directly after the application with soft cloth.</p>

The information, and, in particular, the recommendations relating to the application and end-use of the products, are given in good faith based on current knowledge and experience of the products when properly stored, handled and applied under normal conditions. In practice, the differences in materials, substrates and actual site conditions are such that no warranty in respect of merchantability or of fitness for a particular purpose, nor any liability arising out of any legal relationship whatsoever, can be inferred either from this information, or from any written recommendations, or from any other advice offered. The proprietary rights of third parties must be observed. All orders are accepted subject to our current terms of sale and delivery. Users should always refer to the most recent issue of the Technical Data Sheet for the product concerned, copies of which will be supplied on request.