

# KEM-PLUS

**SUPERIOR  
STAINLESS STEEL  
CARE**



# THE PLUS IN KEMPLUS

Kemplus products are made in Quebec by **environmentally conscious** chemists to meet the needs of industry and institutions. Our mission is to design and market cost-effective products that are safer, easier to use and **easier on the earth** than conventional metal treatment products.

Our products make metal treatment processes **safer** for staff and technicians in addition to **reducing the environmental footprint** of product application and disposal. Product development is conducted in accordance with **ASTM** standards.

In short, we offer better products at a better price to benefit businesses, people and the environment.



# OUR PRODUCTS



With our innovative environmentally conscious approach to metal surface treatment, **Kemplus** has developed chemical pickling and passivation products which make cleaning and restoring stainless steel surfaces safer, smarter and easier. Carefully customized to suit the different grades of stainless steel, our products meet the highest quality standards. The final result is greater productivity and a longer lease on life for all your stainless steel.

Certain products are available in gel, liquid and spray form.



GEL



LIQUID



SPRAY



Our products are available in a variety of formats, and all our packaging is UN-approved for transport of hazardous materials.



1000 L



200 L



20 L



2 L



500 mL



\*LIMITED QUANTITY

SAFE/ENVIRONMENTALLY RESPONSIBLE

## STAINLESS STEEL CARE AND MAINTENANCE

### KPNOX<sup>11</sup>

- PASSIVATION GEL
- PASSIVATION LIQUID
- PASSIVATION SPRAY

More environmentally friendly than traditional chemical passivation treatments, KPNOX<sup>11</sup> removes impurities and promotes the formation of a thin transparent oxide film on your decontaminated stainless steel surfaces. Chemical passivation ensures the formation of a more even protective skin compared to simple exposure to oxygen in the atmosphere, thus providing a better safeguard against corrosion. *Item KP1130*

### KPNOX<sup>18</sup>

#### 300 Series

- PICKLING GEL
- PICKLING LIQUID

An innovative alternative to traditional pickling solutions, KPNOX<sup>18</sup> is environmentally responsible and easy to use. Free of both hydrofluoric and nitric acid, it is non-toxic and low-odor. No more dangerous to use than ordinary household bleach, it is tough on oxide scale and stains, leaving no white stain behind. It is the safer, greener option for removing impurities and restoring corrosion resistance to all your 300 series stainless steel. *Item KP1802*

### KPNOX<sup>27</sup>

- DECONTAMINATION GEL

An environmentally responsible way to remove rust and stainless steel contamination subsequent to passivation. Freshly pickled stainless steel can easily be contaminated by particles of metallic dust present in the workplace. KPNOX<sup>27</sup> decontamination gel eliminates all traces of corrosion, discoloration, rust, grease, lime and biofouling. Available in a safe and convenient gel formulation, KPNOX<sup>27</sup> is applied to surfaces for 5-10 minutes and removed using a high-pressure washer. *Item KP2702*

### KPTNOX<sup>28</sup>

- WELD-CLEANING ELECTROLYTE FLUID

A non-toxic, non-flammable solution designed to restore the lustrous finish and corrosion-resistance of stainless steel by removing surface discoloration produced by TIG and spot welds. KPTNOX<sup>28</sup> is fast-acting, cost effective and compatible with all existing machines. A portable and powerful electrical TIG weld cleaning machine is also available for purchase from Kemplus. It comes with four free 1.8 litre containers of KPTNOX<sup>28</sup>. *Item KP2804*



Weld treatment before and after with KPTNOX<sup>18</sup>

Not recommended for surfaces used in food, medical or pharmaceutical production

TO BE USED EXCLUSIVELY BY TRAINED PERSONNEL

## STAINLESS STEEL CARE AND MAINTENANCE

### KPREDINOX<sup>11</sup>

- PASSIVATION GEL

This treatment removes impurities and promotes the formation of a thin transparent oxide film on your decontaminated stainless steel surfaces. Chemical passivation ensures a more even protective skin than simple exposure to oxygen in the atmosphere, thus providing a better safeguard against corrosion. Thanks to its **highly visible red color**, KPREDINOX<sup>11</sup> is **easier to apply and remove** than traditional products, thus enhancing user safety. *Item KP1130*

### KPREDINOX<sup>16</sup>

- PICKLING GEL

This improved formulation of the time-tested method for restoring the appearance of your stainless steel is designed to enhance safety and convenience. KPREDINOX<sup>16</sup> is a reduced-odor alternative to traditional acid-smelling pickling products. And as with our passivation gel, its **highly visible red color** makes the product **easier to apply and remove** for greater user safety. *Item KP1630*

KPREDINOX pickling and passivation solutions are also available for **200 and 400 series** stainless steel. Call us to discuss the best formulation for your needs.

All KPREDINOX products come bundled with an **ANTIDOTE** that can be used in case of accident as well as for routine cleaning. The kit also includes a **high-quality**

## KPREDINOX FIRST-AID

ALL KPREDINOX PRODUCTS SHIP WITH OUR ACID-NEUTRALIZING GEL

This 2.5% calcium gluconate gel is an effective fast-acting topical neutralizer for hydrofluoric acid, the main ingredient in traditional stainless steel pickling solutions. Easy and painless to apply, it can be self-administered in the case of minor hydrofluoric acid exposure. Simply wash hands and gloves with KPREDINOX FIRST-AID to remove all traces of the dangerous acid, thus minimizing the risk of burns.



Acid-resistant brush



KPREDINOX gel

## OTHER METALS CARE AND MAINTENANCE

### KPCLEAN

- HIGH PERFORMANCE WATER-BASED DEGREASER

An environmentally friendly high-performance metal degreaser that is 100% biodegradable. This versatile water-based, low-odor, VOC-free formula removes grease, oil, dirt, as well as adhesive, sealant and glue residues, and rubber, among other substances. Free of petroleum distillates, it is non-toxic, non-flammable and non-corrosive.

### KPSPOT

- ANTI-SPATTER SPRAY

This non-toxic, non-flammable anti-spatter contains no silicone or organic solvents and emits no noxious fumes or odor. Easy to use, you simply spray it on surfaces to be welded and its coating agents form a protective layer that prevents weld spatter from adhering to treated areas. Ideal for use in steel, stainless steel and aluminum welding, KPSPOT minimizes cleaning time for metal to be painted, plated or galvanized. It is biodegradable and has a long shelf life.

### KPNEUTRAL

- WASTEWATER TREATMENT

KPNEUTRAL is a one-step, low-odor, cost-effective product for neutralizing acidic wastewater from stainless steel pickling and precipitating out heavy metals. After filtration both the sludge and neutralized water should be disposed of in conformity with local regulations.

### KPLUBE

- SYNTHETIC LUBRICANT

This environmentally friendly lubricant is made from a mixture of non-mineral materials and biodegradable additives. Suitable for a wide range of applications and materials, KPLUBE is non-flammable, non-toxic and free of petroleum distillates, silicon, and VOCs. Instantly soluble in water and non-foaming, it is highly stable and non-corrosive, in addition to being odor-free.

### KPCLEAR

- CUTTING-TABLE CORROSION AND BACTERIA INHIBITOR

This soft alkaline powder is formulated to prevent cutting equipment from rusting and to inhibit the growth of bacteria and odors in plasma water tables. Easy to use, you simply slowly add KPCLEAR powder to the water table and agitate the water to dissolve it. 20 Kg of KPCLEAR powder is the equivalent of 55 GL of conventional liquid solutions, making it a cost-effective approach to extending tank life.



LOOK FOR THIS LOGO ON OUR PRODUCTS FOR MORE ENVIRONMENTALLY RESPONSIBLE OPTIONS.



LOOK FOR THIS LOGO ON OUR PRODUCTS FOR SAFER, PEOPLE-FRIENDLY OPTIONS.

## KPNOXTEST

- TEST KIT

Virtually unique on the market, the KEMPLUS ferroxyl test kit is an easy to use passivation test to detect iron residues on stainless steel. Within 60 seconds of application, any ferrite contamination will show up as dark blue spots. Decontaminated surfaces can be certified residue-free directly by the user or by KEMPLUS. **To be used exclusively by trained personnel. Not recommended for surfaces used in food, medical or pharmaceutical production.** *Item FERROXYL*

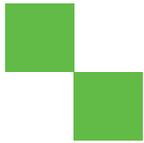
## RUST TREATMENT BEFORE AND AFTER WITH KPNOX<sup>11</sup>



Our two-litre plastic pail with the twist-and-lock closure can be opened and closed repeatedly and retain its UN rating.



# SERVICES & SUPPORT



**Kemplus** prides itself on being readily available to customers. In addition to answering any questions you may have about our stainless steel and other metal treatment products, we provide personalized services on request, from product application to testing and certification.

We offer **turn-key** stainless steel **care services** to **manufacturers of stainless steel equipment** as well as to public and private sector institutions, such as **hospitals, schools, grocery stores and banks**. Fully equipped and experienced in metal treatment techniques, we meet and exceed industry-standard safety practices.

The **Kemplus team** is headed up by highly trained chemists who are constantly working to create better, safer, more environmentally friendly metal treatment processes and products.

## YOU CAN REACH US

by phone, by fax, by email,  
online or in person.

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Ce dépliant est  
aussi disponible  
en français.

