

# GENERAL HYGIENE AND PROFESSIONAL MAINTENANCE CATALOG



### A WORD FROM MANAGEMENT

Dear partners,

You will discover through this catalog much more than a family business that has existed for more than 20 years but rather an unfailing desire to always surprise you by accentuating our development around our fundamentals: rigor, innovation and the desire to give you 100% satisfaction.

The first 20 years were those of discovery and consolidation of our skills. We dare to hope that the future will be even closer to you in order to share, exchange and develop together while ensuring a healthy future for our planet.

Our formidable team is already ready to face the challenges of today and tomorrow and rest assured, we feel strong to face them together, at your side.

Hope to meet you soon!

Your Hitam partner



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### **OUR ENGAGEMENTS**

### **CSR policy:**

### WE TAKE CARE OF OUR TEAMS

- Week adapted over 4 days
- Monthly intervention from a wellness specialist
- Optimization of workstations

# • WE PROMOTE EMPLOYMENT AND THE LOCAL AND NATIONAL ECONOMY

Preference for short supply circuits

- Agreements with local employment partners
- Integration of people with disabilities
- Participation in local life through associative donations

### Quality and environmental policy:

### PRODUCT QUALITY AND CUSTOMER SATISFACTION

- Respect delivery times
- Respect customer requirements
- Achieve 100% customer satisfaction
- Increase the number of innovative references

### PRESERVATION OF THE ENVIRONMENT

- Upgrading of white strapping, cardboard and transparent plastic.
- Constant development of our plant range
- Certification of some of our products by the ECOCERT label
- Taking into account in the development of some of our products, the safety of goods and people by promoting the use of raw materials of plant origin and without danger pictograms







# **HITAM IN A FEW FIGURES**



250 PARTNERS IN FRANCE AND ABROAD



TURNOVER 2022 €7.5M INCLUDING 10% FOR EXPORT (AUSTRALIA, SWEDEN, MOROCCO...)



95% OF OUR CUSTOMERS ARE VERY SATISFIED



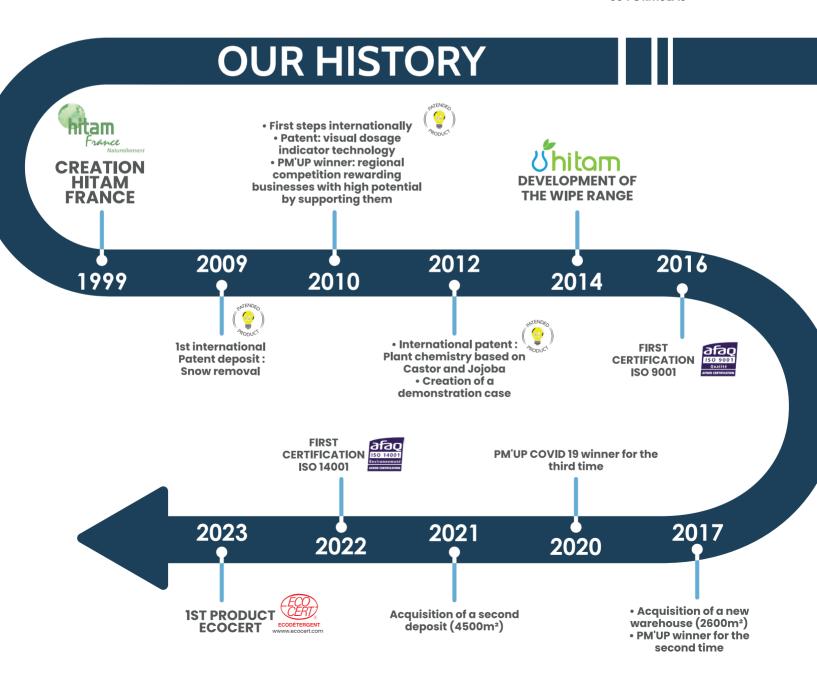
22 EMPLOYEES
INCLUDING 13 WOMEN



3 INNOVATIONS PER YEAR ON AVERAGE



17 INTERNATIONAL PATENTS REPRESENTING 50 FORMULAS



# MORE THAN A MANUFACTURER, A PARTNER! "Your satisfaction, our priority"



# A LABORATORY AT YOUR SERVICE

- Find and propose solutions to meet your needs
- Prototype and design of tailor-made products meeting your specifications
- INFODYNE: possibility of translating the MSDS into different languages
- Creation of MSDS in your name
- Support with regulatory obligations (PCN declaration)



# EXTRANET: hi'link Real-time monitoring

- Unique monitoring for our partners
- Simple and easy understanding of the site
- Technical sheet/MSDS available
- Allows free access to your:
  - Orders
  - Delivery notes
  - Invoices
  - Samples
  - Labels
- Non-compliance sheets available
- Price offer and current tariff
- Stock labels



# COMMERCIAL SUPPORT AND LOGISTICS

- Training your sales force
  - In seminar
  - On the field
- Adapted content suggestions
  - Arguments
  - Demonstrations
  - Videos
  - Creation of personalized catalogs
- Possibility of building up buffer stock on our site



### PERSONALIZED PACKAGING

- Adaptation of labels according to your specifications
- Regulatory monitoring and surveillance
- Label control
- Marketing service available to create your labels
- Search for eco-responsible packaging solutions adapted to your specific needs







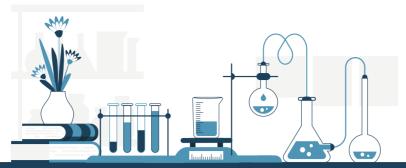












# Research & development

10% of Hitam's turnover is devoted to it

### **OUR GOALS**

- Design and adapt our formulas to meet changing regulatory requirements.
- Development in average of three innovative solutions each year.
- Favor materials that are increasingly respectful of the environment, materials and the user.
- Transform consumption habits through the development of some of our products taking into account environmental issues:
  - The need for water
  - Preserving food crops through the use of castor bean and jojoba in some of our products
  - Reducing the carbon impact

### **OUR PATENTS**

- Our castor and jojoba products
- Our absorbent technologies
- Our snow removal specialties and de-icing
- Our visual indicator systems
  - dosage
  - temperature
  - dilution
  - spreading
  - neutralization
  - protection
  - of security



### **FACTORY, PRODUCTION AND LABORATORY TOOLS**

### **MANUFACTURING TOOLS**

- TANKS
- 2 OF 5000L,
- 1 OF 2000L
- 1 OF 1000L
- 1 OF 800L WITH HEATING ENVELOPE
- 1 OF 500L MOBILE
- POWDER BLENDERS
- 2000L
- 800L
- MANURHIN

### **PACKAGING TOOLS**

### • 5 AUTOMATIC CHANNELS

Acid, wipe box, wipe pouch, bulk and powder pouch

### • 4 SEMI-AUTOMATIC CHAINS

Bulk and powder solution
• 3 mobile labelers

- o mobile labelets
- 3 multi-product cans

### **NON-EXHAUSTIVE LIST**

ALL OF THIS EQUIPMENT ALLOWS US TO BE VERSATILE WHILE ENSURING A LARGE VOLUME OF PRODUCTION UNDER THE CONTROL OF OUR LABORATORY.

### **LABORATORY TOOLS**

- Viscosimeter: viscosity measurement
- Suntest: accelerated aging on artificial light (sunlight simulation)
- Colorimeter: measures color of a product
- Seta-flash: Flammability of a product
- Biodegradability measurement
- •••

### **OUR RANGES**

# hi'safe

### "Protect yourself with ease"

Disinfection no longer holds any secrets for us, come and discover our Hi'safe brand which brings together a range of specialized products!

Cleaner, detergent, bactericide, virucide, fungicide, yeasticide for communities, food industry, care structures, hospitals, public transport, hairdressing salon, beauty salon, swimming pool, etc.

# hi'moove

### "Take care of your vehicles"

**HITAM** offers you a wide range of professional products for cleaning and maintaining your vehicles.

Rim cleaner, polish, waterless shampoo, plastic renovator, windshield washer and more!

# hi'sense

### "For your olfactory comfort"

Are you looking for a product against bad odors? Come and discover our HI'SENSE range, it will offer you everything you need for all types of stubborn odors (tobacco, sanitary, kitchen, etc.). This entire range is dominated by formulas based on castor and jojoba.



### "Natural performance"

Our range of plant-based products to suit everyone



### "Attack winter safely"

To prepare for winter, cold, snow and ice, discover our range dedicated to this season.

**Hi'freeze** brings together a wide range of snow removal, deicing, windshield and lock de-icing products, etc.



### "Everything you need every day"

For every problem, a solution!

Discover our **HI'PRO** range and its wide choice of professional products. From pipe maintenance to graffiti cleaning and liquid absorbents, our complete professional range will meet your expectations.

### **OUR AREAS OF SKILLS**

- PLANT CHEMISTRY
- CREAMS
- WIPES
- ACIDS

- SOLVENTS
- POWDERS
- SNOW REMOVERS
- DETERGENCE

# SUMMARY

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- SPECIFIC SURFACE CLEANER

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21. BIOCIDES

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# 25. BUILDING

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- PROTECTION & CLEANING OF EQUIPMENT
- FACADE AND ROOF CLEANER
- WATER-REPELLENT AND MINERALIZING OF SURFACE
- CLEANING, STRIPPING AND TREATMENT CONSTRUCTION MATERIALS
- METAL PROCESSING

# STRIPPER PAINT AND GRAFFITI

- OUR ANTI-GRAFFITIS PHARMACY
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- FOUNTAIN DEGREASER
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- SNOW REMOVAL, DEICER POWDER
- SNOW REMOVAL, LIQUID DEICER
- EQUIPMENT PROTECTION AND CLOSED CIRCUITS

# 73. INSECTICIDE

# **OUR WIPES: PERSONALIZE YOUR BOX!**

### The type of wipe

**OPENWORK** SPUNLACE

SPUNLACE

SMOOTH



**WEIGHT** 

**APPEARANCE** 

COMPOSITION

**APPEARANCE** 

COMPOSITION

50 g/m<sup>2</sup>

DOUCE **AJOURÉE** 

50 g/m<sup>2</sup>

**SOFT** 

**50% VISCOSE 50% POLYESTER** 

**50% VISCOSE** 

**50% POLYESTER** 



WEIGHT

**APPEARANCE** 

COMPOSITION

25 g/m<sup>2</sup>

THIN

66% CELLULOSE 20% BINDER

14% POLYESTER

**BLUE SCRUB** 

**WEIGHT** 

**APPEARANCE** 

COMPOSITION

40 g/m<sup>2</sup>

A SOFT SIDE A SCRATCHING SIDE

100% POLYPROPYLENE



**WEIGHT** 

**WEIGHT** 

70 g/m<sup>2</sup>

**APPEARANCE** 

COMPOSITION

50 g/m<sup>2</sup>

**SOFT** 

100% VISCOSE



WEIGHT

**ASPECT** 

COMPOSITION

45 g/m<sup>2</sup>

### The format of the box

**PACKAGING ECORESPONSABLE** 

- Lighter weight - 70% less plastic
- Waste reduction



**REFILL FOR WIPE BOXES** (several formats available)





• 190 wipes 30x20 cm

20x25 cm

• 1000 wipes



 80 wipes
 SPUNLACE 15x25 cm

ORANGE SCRATCHER 25x20 cm



20x25 cm

200 wipes 20x20 cm

A SOFT SIDE A SCRATCHING SIDE

100% POLYPROPYLENE



**OUR STANDARD WIPES, CONTACT US FOR ANOTHER GRAMMAGE** 

# Discover our wipes!

Packaging in the form of wipes has several advantages compared to aerosols and sprays:

# Economic

Reduction of waste to be treated compared to aerosols.

# Qualitative

Optimization of cleaning through precision surface treatment.

# MORE THAN 30 FORMULA AVAILABLE



**Box color** 



Lid color



### The formulas:

# DISINFECTANT AND OF PLANT ORIGIN

- FAST WIPE VIRUCIDAL DISINFECTANT WIPE FOR HANDS AND SURFACES OF PLANT ORIGIN
- SANIWIPES FOOD CONTACT
  DISINFECTANT WIPE WITHOUT RINSE
- QWIPES BACTERICIDAL, FUNGICIDE, YEASTICIDE AND VIRUCIDE DISINFECTANT CLEANING WIPES
- SAFEWIPES BACTERICIDAL, FUNGICIDAL, VIRUCIDAL AND YEAST-CIDAL DISINFECTANT SOLUTION FOR HANDS AND SURFACES WITHOUT RINSE LEMON SCENT

### **PLANT ORIGIN**

- CHALKY WIPES DOUBLE ACTION WIPE : DESCALING AND DEGREASER
- STAINOFF WIPES MULTI-SURFACE INDUSTRIAL STAIN REMOVER WIPE WITH CASTOR
- VEGEWIPES MULTIPURPOSE CASTOR CLEANING WIPE DESTROYS FISH, URINE AND AMMONIA ODORS

### **POLISH-SHINE**

- MIRROR WIPES PROTECTIVE CLEANING WIPES FOR SENSITIVE SURFACES
- BRIGHTWIPES SILICONE-FREE SHINE RENOVATOR WIPE FOR STAINLESS STEEL SKAI PLASTIC LEATHER LEMON SCENT

### **AUTO-MOTO**

- CAREWIPES DRY BODY CLEANING WIPES
- POWERWIPES POLISHING CLEANER AND PROTECTIVE FOR HARD SURFACES WATERLESS DRY METHOD

## INDUSTRY AND CONSTRUCTION

- UNTAGWIPES ANTI-GRAFFITI SCRATCHING WIPE
- ARTIWIPES FINISHING POLISH CLEANER AFTER WORK
- INDUS WIPES COLD CLEANER DEGREASER SUBSTITUTE FOR TRICHLORETHYLENE

### COSMETIC

 HANDYWIPES PLANT-BASED HAND AND SURFACES DEGREASER WIPE

3. Environmental

No loss of product in evacuations.
Reduction in the quantity of product used.

4. Security

No inhalation of gas contained in aerosols.

Avoid respiratory and skin contact due to spraying.



Use of ingredients of natural or organic origin



ECODÉTERGENT

http://detergents.ecocert.com

Responsible management of natural resources

Ban on most petrochemical ingredients

Environmentally friendly production and processing processes







MULTI-PURPOSE CLEANER-DEGREASER OF NATURAL ORIGIN WITH CASTOR OIL

VEGEMUST GO

EXISTS IN
READY-TO-USE FORMULA

Three perfumes available:

Honey, lavender and neutral





1) New, more eco-responsible format!

2) Possibility of screen printing it with your brand.3) Also available in 1L format.









Composition: water, sequestrant, non-ionic surfactant, alcohol, isopropyl alcohol, anionic surfactant, acidity corrector

# FLOOR AND SURFACE CLEANER

GENERAL MAINTENAN

10



# THE STRENGTH OF AN ALKALINE IN THE SKIN OF A PLANT!!



5L, 20L, 220L



















# SPECIFIC SURFACE CLEANERS





### For plastic...

### **VEGESHINE**

PROTECTIVE, RENOVATING AND SHINY CLEANER Of plant origin castor oil and jojoba



**SECURITY** 



USES





### **BRIGHT ALL / BRIGHTWIPES**

SILICONE FREE SHINE















### For carpet and fabrics...











**USES** 







### **DELICATE CLEANER**

CARPET CLEANER AND CARPET INJECTION - EXTRACTION































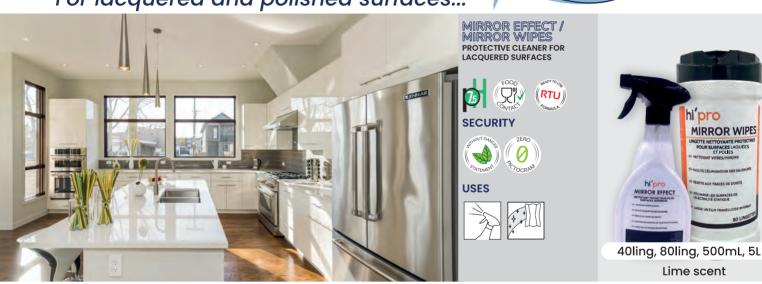






Ideal for cleaning your musical instruments, refrigerated display cases...

### For lacquered and polished surfaces...











### **SECURITY**





USES





### WOODY CLEAN

CLEANING AND PROTECTIVE LIQUID WAX FOR VARNISHED WOOD SURFACES



### **SECURITY**



























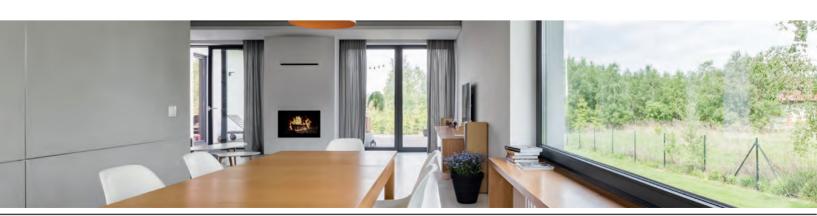
### For IT...





### For windows and mirrors...





















### For metals... AN EFFECTIVE TREATMENT IN THREE STEPS:

### 1. To deoxidize...









### 2. To clean and degrease...





### 3. To maintain and protect...





## For very dirty floors...

















# In case of calamity.





























# **KITCHEN**



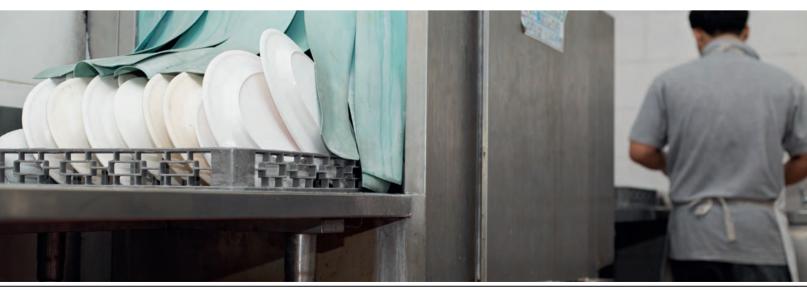
# **DISHWASHING**



























# SURFACE CLEANER











FOAM CLEANER

WITH ACTIVE FOAM

USE

SUPER ALKALINE CLEANER





























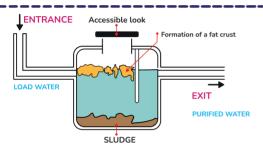
# OVEN STRIPPER











# GREASE TRAY TREATMENTS











































# **ROOM FRAGRANCES**

# SMELLY'UP!

In spray....



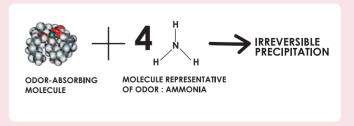
### Or in a cup...



# **ODOR DESTROYER**























# BIOCIDES

# hi'safe

"Protect yourself with ease"

Disinfection no longer holds any secrets for us, come and discover our Hi'safe brand which brings together a range of specialized products!

Cleaner, detergent, bactericide, virucide, fungicide, yeasticide for communities, food industry, care structures, hospitals, public transport, hairdressing salon, beauty salon, swimming pool, etc.

### GELSAFE

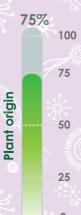
HYDROALCOHOLIC GEL FOR HAND DISINFECTION BY FRICTION





USE







100mL, 250mL, 500mL, 750mL, 1L, 5L....

Perfume: neutral or lemon

### Our alcohol-free solution

### DSAFE / QWIPE

BACTERICIDAL, FUNGICIDAL, YEASTICIDAL AND VIRUCIDAL DETERGENT











- •TP2 and TP4
- Active ingredient : quaternary ammonium

### WIPES INFO

- Material : spunlace 70% polyester
- Wipe color : white
- · Dimensions :



Fragrances: Unscented, Lemon, Pine

500mL, 750mL, 5L

80w, 250w

QWIPE

Fragrances: unscented, lemon, pine, honey or poppy

### **Our alcohol-based solutions**

### SANISAFE / SAFEWIPES

**BACTERICIDAL, FUNGICIDAL, VIRUCIDAL AND** YEASTICIDAL HAND AND SURFACES **DISINFECTANT WITH ODOR DESTROYER** 





### SECURITY



**USES** 







### -- WIPES INFO -

- Material: spunlace 50% viscose, 50% polyester
- · Wipe color: white
- Dimensions : 20x25cm



500mL, 750mL,5L

# 100

Fragrance: lemon

100

Plant



40w, 80w, 250w

### SANIFAST / SANIWIPES

BACTERICIDAL, FUNGICIDAL, VIRUCIDAL AND YEASTICIDAL DISINFECTANT FOR RINSE-FREE HAND AND SURFACES





SECURITY



**USES** 





• TP1, TP2 et TP4

### - WIPES INFO - -

- Material: Non-woven WETLAID viscose 23 gsm
- Color of the wipe : Blue
- Dimensions : 20x20 cm

500mL, 750mL, 5L

# SANIWIPES ENIWIPES

100w, 200w, 1000w

### WE PAY SPECIAL ATTENTION TO THE STANDARDS OF OUR PRODUCTS, DO NOT HESITATE TO CONSULT US!

















































# BUILDING



# **REMOVING ADHESIVES**























# FACADES & ROOF CLEANER

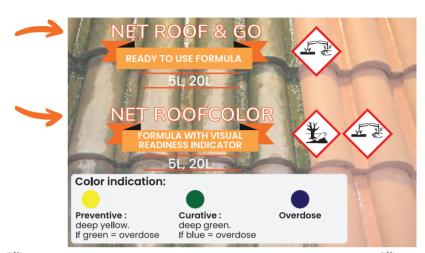
### Our biocidal solutions...





- TP10 • Active ingredient :
- quaternary ammonium

















### Our alkaline solutions...











### Special brick and stone...

















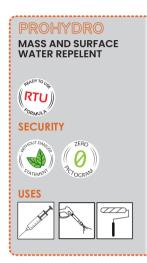








# WATER-REPELLENT AND SURFACE MINERALIZER





INFO & ADVICE designation! It's classified **B** "effective"

200



































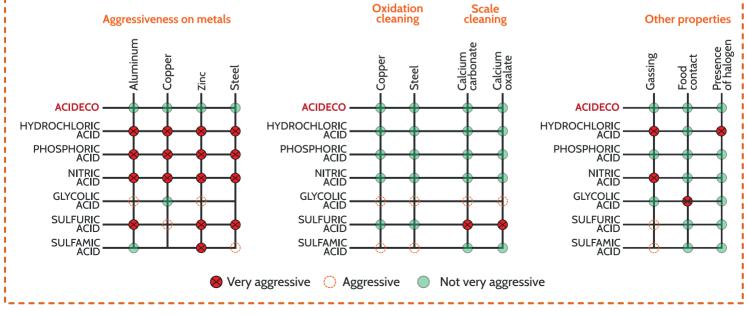




# CLEANING, STRIPPING & TREATMENT OF CONSTRUCTION MATERIALS

For concrete and cement...





## ACICOLOR







































# METALS TREATMENT









### The welding...











































500mL, 5L





500mL, 5L



































# PAINT AND GRAFFITIS REMOVERS





### For porous surfaces and graffiti spectra...











Does not contain methylene chloride, acetone, MEK, white spirit, toluene or other aromatic or chlorinated solvents!!





















# PROTECTION OF SURFACES AGAINST GRAFFITI AND



WALLSHIELD **MULTI-SURFACE PROTECTOR WITH ALKALINE DESTRUCTURING FUNCTION** 



### **SECURITY**

















With the "COLOR" version the surface will turn blue which indicates that the resin and graffiti can be cleaned by simply rinsing with water until the color disappears



WALLSHIELD COLOR



BLUE =

The resin can be cleaned by rinsing with water until the color disappears







SECURITY



USES

















































## PAINT AND RESIN REMOVER

#### NOPAINT & BATH

LIQUID PAINT STRIPPER FOR USE IN HOT BATH BETWEEN 20 AND 60°C



**SECURITY** 





**USE** 









NO PAINT

















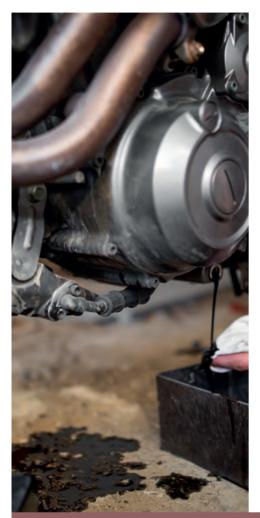








## ABSORBENT







For water-based fluids (drinks, sauces, foods, etc.), human or animal waste (urine, vomit, etc.)





















EASY QUICKY









































#### For strong acids...

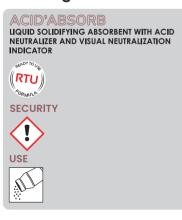
ENZYMATIC ABSORBENT WITH DIESEL, FUEL AND KEROSENE ODOR DESTROYER

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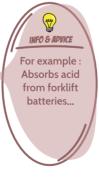
(RTU) FORMULA

USE

**SECURITY** 







#### For the dust...





















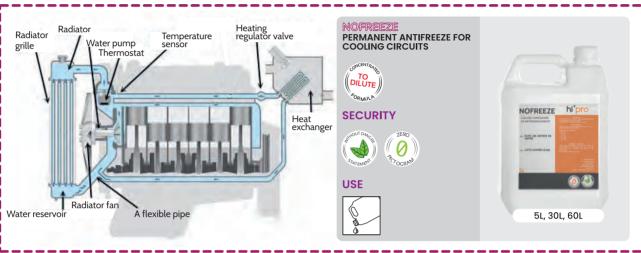


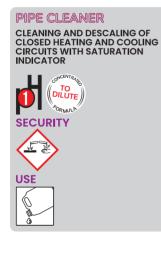






## COOLING

























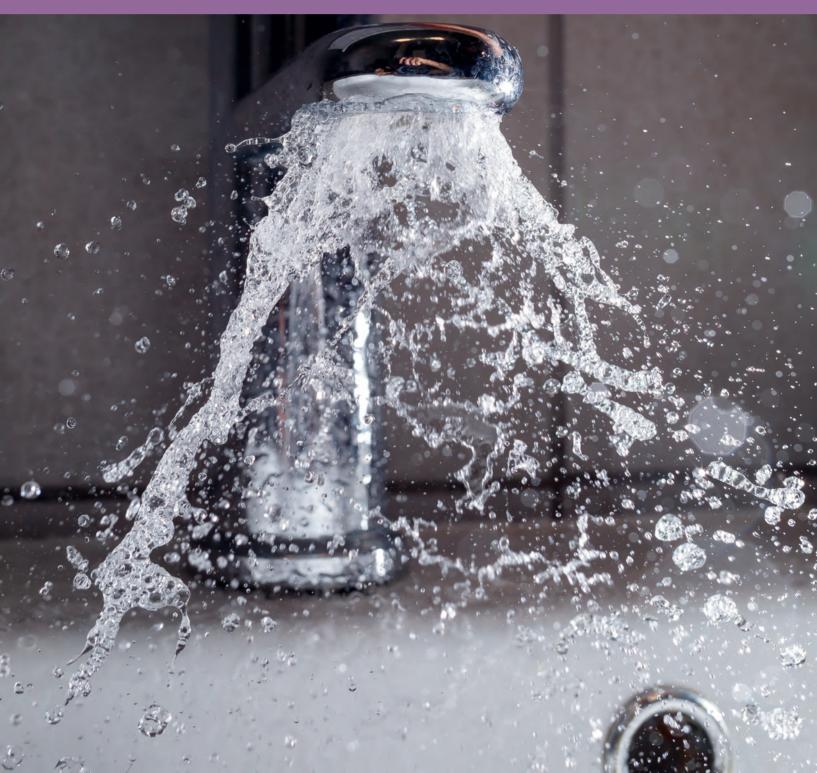








## MAINTENANCE OF SCALE AND PIPES







## SCALEOFF GO 100% NATURAL

100% NATURAL
DESCALING CLEANER
WITH CASTOR OIL





**USES** 





**DESCALES** 

**BRINGS SHINE** 

**DEGREASES** 

Neutral, lavender perfumes

## **SCALE TREATMENT**





























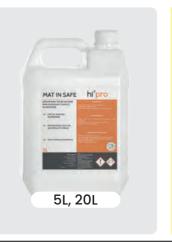






























## BEST OF

## UNBLOCK COLOR





Professional pipe unblocker with visual dosage indicator and rinsing indicator

#### PIPE TREATMENT



#### **Color indications**









90°C Curative

#### **USE**



#### **SECURITY**









































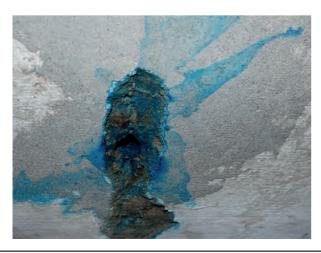




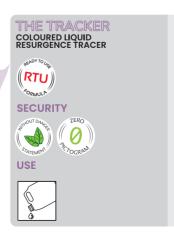




















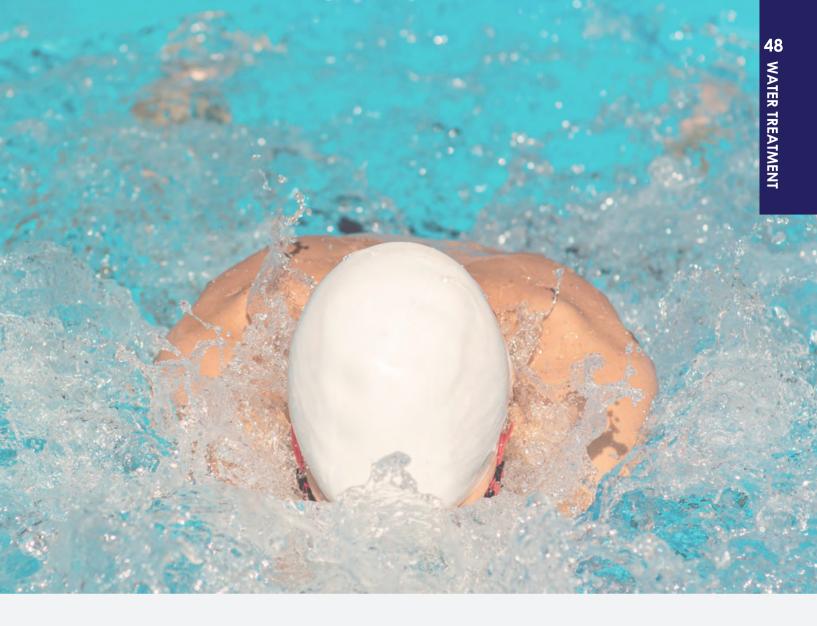












## **WATER TREATMENT**



#### SWIMRENOV

DESCALING AND DEGREASING AGENT FOR SWIMMING POOL DECKS



#### **SECURITY**



#### **USES**





#### **SWIMMY LINE**

ALKALINE POOL WATERLINE CLEANER







USES





#### SWIMMINUS PH LESS









#### SWIMPLUS PH PLUS











#### SWIMCLEAR

WATER TREATMENT OF SWIMMING POOLS AND SPAS













SWIMCHLORUS
BLEACH EXTRACT 12.6%







USE



























#### SURFACE CLEANER AND DEGREASER







## COMBINES THE STRENGTH OF CASTOR OIL AND OF BEET ETHANOL















70%

Plant origin

100

75

50

25

0



#### **FOUNTAIN DEGREASER**

DEGREASER FOR DEGREASING FOUNTAIN















CLEANING AND DISPERSING HYDROCARBONS FLUID CASTOR OIL PLANT-BASED FORMULA

Slow Fast

Very fast

BIOTECHNOLOGICAL CLEANING AND DEGREASING FLUID FOR USE IN DEGREASING FOUNTAINS











5L, 30L, 60L, 210L

100% 100

- 50

25

Plant origin































#### **SPECIFIC CLEANING SOLVENTS**

For the resin...





For adhesives...





For fresh glues and sealants...







For the world of electricity...





















#### **PRINTING AND PAPERBOARD**









## SE CLEANERS



















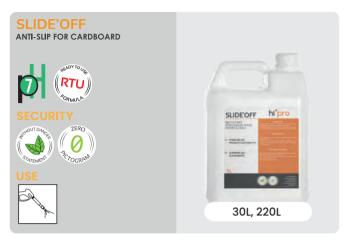




-50

25

#### **SPECIALTIES**































HITAM offers a wide range of professional products for the renovation, cleaning and maintenance of your vehicles.

Rim cleaner, polisher, body shampoo, dry cleaning, plastic renovator, washer and more!











#### **EXTERIOR AUTOMOTIVE** CLEANING, MAINTENANCE AND PREPARATION















































#### **SECURITY**



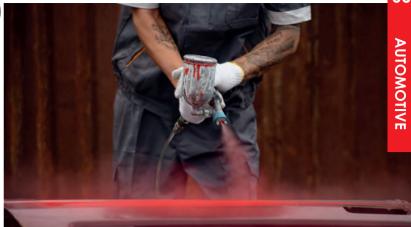


#### **USES**









PREPARATION SOLVENT BEFORE PAINTING/ BEFORE GLUING of plant origin



#### **SECURITY**



**USES** 







BODY PREPARATION SOLUTION BEFORE CUSTOMIZATION







**USES** 











40 ling, 80 ling, 500mL, 5L

Strawberry perfume





#### CARE WIPES / CARE BODYWORK

**AUTO/MOTORCYCLE FINISH CLEANER** Water based



#### **SECURITY**









#### WIPES INFO

- Matter :

Spunlace non woven -50% viscose 50%, polyester, 50 gsm -100% viscose, 45 gsm

- Wipe color: White

- Dimensions: 20x25cm

#### POWER WIPES / CARE POWER

AUTO/MOTORCYCLE POLISH CLEANER Solvent base



#### **SECURITY**







#### WIPES INFO

- Matter :

Spunlace non woven - 50% viscose 50%

polyester, 50gsm -100% viscose, 45 gsm

- Wipe color: White

- Dimensions: 20x25cm















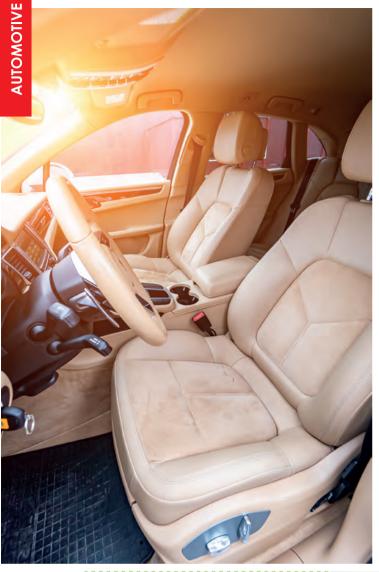






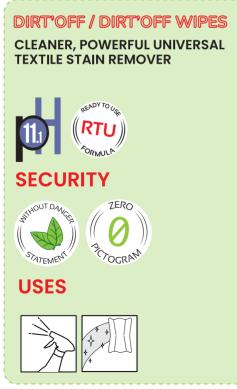
READY TO USE PRODUCT

#### **CAR INTERIOR CLEANING AND MAINTENANCE**





























#### WINDSCREEN WASHER



#### **CLEANING RIMS AND BRAKES**



















## MEKACLEAN MULTI-FUNCTION CLEANER







#### **SECURITY**









250mL, 500mL, 5L, 30L, 220L, 1000L

#### DC WIPES COLD DEGREASER

CLEANING WIPE
Substitute for trichlorethylene

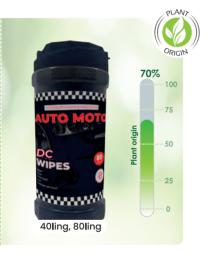


#### **SECURITY**











#### TECHSLIDE

VEGETABLE LUBRICANT FOR MOTORCYCLE AND BICYCLE CHAINS



#### **SECURITY**



#### **USES**































**WORLD OF** 

# **MECHANICS**















ELIMINATES GASOIL, FUEL AND KEROSENE ODORS LEAVE HANDS SOFT

DEGREASING POWER:
GLUE, OIL, GREASE...



















#### **PUBLIC WORKS RANGE**



**CASTOR OIL ANTI-ADHESIVE** 



**SECURITY** 















100

75

50

25



ANTISTICK VG & GO

EXISTS IN READY-TO-USE FORMULA

220L, 1000L





Emulsion stable for 1 year and protected from light)







































100%

-50

Plant origin









## WINTER

## hi'freeze

« Attack winter safely »

To prepare for winter, cold, snow and ice, discover our range dedicated to this season.

Hi'freeze brings together a wide range of snow removal, deicing, windshield and lock defrosting products, etc.

## **COMPARATIVE SNOW REMOVERS**

REF HITAM	COMPOSITION	STRONG POINT	ASPECT	MAXIMUM PROTECTION	EXOTHERMIA	PREVENTIVE	CURATIVE WITHOUT MECHANICAL ACTION	CORROSION RATE ACCORDING TO HITAM PROTOCOL, REGARDING ASTM G31-72 STANDARD	PICTOGRAM
SNOWSAFE	CALCIUM CHLORIDE FLAKES 77% + CALCIUM CHLORIDE 96%	ANTI CORROSION SYSTEM     FUSION ACCELERATOR =     TEMPERATURE RISE     GEL RETARDER     ANTI-SLIP     EXTENDING THE DURATION     OF ACTION     VISUAL SPREADING     INDICATOR     INTERNATIONAL PATENT	POWDER	-35°C	+40°C			1.7 SO 78% PROTECTION	<b>!</b> >
HARDFLAKES	CALCIUM CHLORIDE FLAKES 77%	• EXOTHERMIC	POWDER	-31°C	+25°C			7,9	
MIXFLAKES	CALCIUM CHLORIDE MIXTURE FLAKES 77% + MAGNESIUM CHLORIDE 47%	SLOW AND CONTROLLED DIFFUSION     7 LIVES     NO SAFETY PICTOGRAM     COMPATIBLE WITH GREEN SPACES	POWDER	-26°C	+15°C			8,2	AND TERO
COOLFLAKES	magnesium Chloride 47%	NO SAFETY PICTOGRAM     COMPATIBLE WITH GREEN SPACES	POWDER	-26°C	+5°C			8,2	SMS TERO
SEL DE DÉNEIGEMENT	SODIUM CHLOR <b>I</b> DE		POWDER	-7°C	<b>-</b> 5°C		$\otimes$	7,4	SANS ZERO
NOFREEZE COLOR	PLANT FORMULA	ALTERNATIVE TO MEG AND MPG 100% VEGETABLE     EUROPEAN PATENT	LIQUID	-35°C	0°C		8	0	SANS TERO
ROAD DE-ICER	CALCIUM-BASED CHEMICAL FORMULA	FORMULA THAT HAS BEEN PROVEN SINCE LONG YEARS	LIQUID	-31°C	0°C		8	7,9	O CONTROL CONT
VGROAD DE-ICER	PLANT FORMULA	ALTERNATIVE TO MEG AND MPG 100% VEGETABLE	LIQUID	-35°C	0°C		8	0	SANO DERO



**DEFROSTING** 

**SPREAD INDICATOR** 

ANTI-SLIP

1L, 10KG, 20KG

hi'freeze



ONTAC

#### **SECURITY**



#### **USES**





#### Product effectiveness ---Comparison of temperature rise between SNOWSAFE and HARDFLAKES (calcium chloride 77%) 65,0 60,0 55,0 SNOWSAFE 50,0 45,0 40.0 35,0 **HARDFLAKES** 30,0 25,0 20,0 50 100 200 250 300 350 Time (in s)

SNOWSAFE

hi'treeze

## WITHOUT DANGER STATEMENT











PATENDE







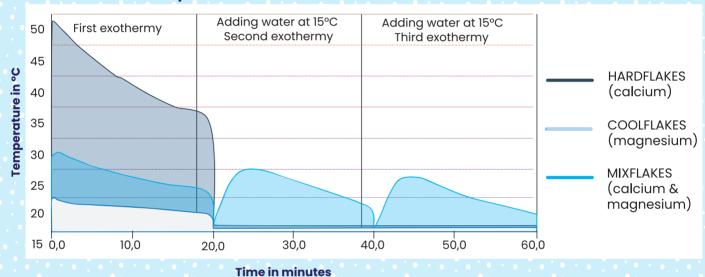








#### EXOTHERMIC COMPARISON AS A FUNCTION OF TIME, STARTING FROM WATER AT 15°C



### THE COMBINATION OF THE FORCES OF CALCIUM AND MAGNESIUM IN ONE SINGLE PRODUCT!























#### **SNOW REMOVER,** LIQUID DEICER













**USE** 





#### **PRODEICER**

LIQUID DEICER FOR WINDSHIELD, LOCKS...





SECURITY



**USE** 













**SECURITY** 





**USE** 





#### ROAD DE-ICER

LIQUID DEFROSTER AND DE-ICER









**SECURITY** 



**USE** 





















PLANY

#### NOFREEZE COLOR

ANTI-FREEZE AND DE-ICE **CONCENTRATE WITH VISUAL READINESS INDICATOR** 



**Color indications** 





#### **SECURITY**





**USES** 











**CONCENTRATED COOLANT** 



#### **SECURITY**





**USE** 





#### WINTER PROTECT

SPECIFIC PROTECTOR FOR **METAL SURFACES** 



#### **SECURITY**



**USE** 





















## INSECTICIDE

#### **SMALL OF CONCENTRATE:**

- We no longer throw away the cup so we preserve the planet by reducing plastic consumption
- Allows you to invent a cup in another container (vase, ashtray, candle glass, etc.)
- With a suitable container it can be used in cars as a deodorant



#### MOSQUITOFF / MOSQUITOFF POWER

CONCENTRATED POWDER & MOSQUITO REPELLENT CUP









#### NOWAY

READY-TO-USE INSECTICIDE BARRIER FOR CRAWLING AND FLYING INSECTS



SECURITY























#### **NOTE**





