



DECON-IT[®]
Non-Ionic Surface Cleaner

DECONI-IT[®]

**INNOVATIVE SURFACE
DECONTAMINATION PRODUCT
TO RESOLVE
CROSS CONTAMINATION
LIABILITIES**

Have You Ever or Seen...

A water level meter arrives on a site and it's recent history of use by other staff members, at their contaminated sites, is not well known by you, nor has it been verified (or documented) if it was effectively cleaned before it arrived at your site? - *Your domain of responsibility?*

A pump and hosing show up at a site, and its history of use, and if it was adequately cleaned from the last few contaminated sites was effective or not before it arrived at your site (?) - *Your domain of responsibility!*

The driller shows up and start drilling holes on your site and you do not know the history of the drill rods used and if cleaning was adequate (?) - *Your domain of responsibility!*



DECON-IT®

DECON-IT® Is an Industrial and Commercial Surface Cleaning Technology comprised of a proprietary blend of non-ionic surfactant formulations that have a scientifically proven ability to desorb and liberate sorbed (adsorbed and absorbed) contaminants from surfaces.

These contaminants include:

- Petroleum Hydrocarbons (BTEX, Gasoline, Diesel, Motor Oil, Lubricants, Bunker-C);
- Chlorinated Solvents (TCE, PCE, DCB, PCB, Etc.)
- Herbicides, Insecticides, and Pesticides



DECON-IT® ADVANTAGES

- Formulated To Cut Operating Costs
- Eliminates Cross Contamination
- No Fumes
- Biodegradable
- Non-Flammable
- Non-Abrasive
- Non-Corrosive Formulation (Neutral pH)
- Phosphate Free
- Chlorine Free
- Contains No Toxic Or Hazardous Air Pollutants
- Non-Ozone Depleting
- Non-Irritating To Skin
- Faster Than Conventional Products
- Easy Rinsing With No Interfering Residues
- Reduces Labour Hours And Effort Required To Complete A Project



CROSS CONTAMINATION = ENVIRONMENTAL LIABILITY

Sources:

- **Improper or lack of cleaning of soil and groundwater monitoring equipment (water level, interface probe, DO, etc.) between sampling points (MW/BH) and sites;**
- **Improper or lack of cleaning of drilling rods, stems, flights and connections during site investigations and BH/MW locations and other sites; and**
- **Lack or improper cleaning of down hole pumps (submersibles, bailers, etc.) between sampling wells, sampling events and different sites.**
- **Etc.**

DECON-IT®

Industrial & Commercial Cleaning Technology Suitable For:

- Healthcare and laboratory equipment;
- Personal protective equipment (PPE);
- Industrial parts and machinery;
- Decontaminating field sampling and gauging equipment (i.e., Water Level Meters, Data Loggers, Interface Probes, DO Meters, Pumps, etc.);
- Drilling equipment (Dutch Auger, Direct Push, Auger Drilling)
- Pipes and hosing;
- Storage tanks and connections;
- Vapour Suppression;
- Etc.



DECON-IT® has many applications that can help eliminate the hazards of ***Cross - Contamination*** in the workplace, from project field sites, to the laboratory, to research within the up-steam oil & gas fields.

The product's non-corrosive formula and its biodegradability factor makes it an ideal product for numerous cleaning needs from: glass, stainless steel and other metals, plastic, fibreglass, cement, porcelain, and ceramics.

DECON-IT® is sprayable and can be used in steam injection cleaning, circulated or left to stand. DECON-IT® can also be applied by hand as a cleaner with sponge, brush or cloth.



STANDARDS AND COMPLIANCE

**DECON-IT® is suitable for use in accordance with
ASTM D5088-02 (2008) Standard Practice for
Decontamination of Field Equipment Used at Waste
Sites;**

and

**ASTM D5608-10 Standard Practices for
Decontamination of Field Equipment Used at Low
Level Radioactive Waste Sites.**



DECON-IT® BIODEGRADABILITY

DECON-IT® has been validated using OECD Procedures 301 E and 301 B and deemed Biodegradable. OECD Guidelines for Testing of Chemicals, Section 3 “Degradation and Accumulation”, Test 301E is technically equivalent to ISO 7827:1984 while AS 4351.2 (1996) is equivalent to ISO 7827:1994.

Note: The discussion on DECON-IT® biodegradability was produced by Dr. Steven Nearhos, a Senior Microbiologist with Baseline (Australia) Pty. Ltd.



APPLICATIONS



DECON-IT®



EnviroSupply Service INC.

Interface Meter Model 122

PRODUCT: Steady Signals
WATER: Intermittent Signals

INTRINSICALLY SAFE
WARNING: Substitution of components may impair intrinsic safety.
CAUTION: This device must be grounded before introduction into the tank and remain grounded until after complete withdrawal from the tank.

LR88701
Exta.
Class I, Groups C and D.
Temperature Code T3C.
Max. ambient 50 deg C.

ON
START
OFF

REPLACE BATTERIES
in non-hazardous area.
Use two 9V alkaline batteries:
Duracell MN1604
or Eveready 522.

EnviroSupply & Service, Inc.
www.envirosupply.net
949-757-0353

54261

Made in Canada
CE

**<30 Seconds
With DECON-IT®**



Reference: Mark Craig, EnviroSupply Irvine, CA, USA

Bitumen Contaminated Hard Hat



Heavy Oil (Bitumen) soiled Hard Hat cleaned with DECON-IT®

DECON-IT® Cleaning Oil Spill Boom



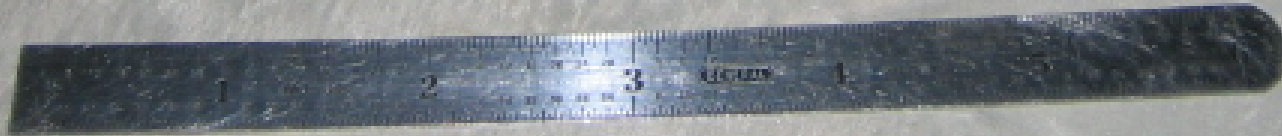
Spray cleaning an oil-spill contaminated boom

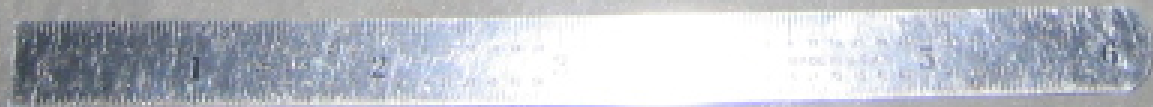
DECON-IT[®] Cleaning Oil Stained Floor



Spray cleaning the floor of an engine repair shop after 30 years of oil spills.

DECON-IT[®] Oil Spill-Stain Clean-up







DECON-IT®
APPROVED BY US NAVY





DEPARTMENT OF THE NAVY
 NAVAL FACILITIES ENGINEERING COMMAND EUROPE AFRICA AND SOUTHWEST ASIA
 ENVIRONMENTAL DEPARTMENT
 U.S. NAVAL SUPPORT ACTIVITY BAHRAIN
 PSC 451 BOX 850
 FPO, AE 09834-2800

25 May 2014

MEMORANDUM

From: Environmental Director, NAVFAC EURAFSWA
 To: FEAD

Subj: **Approved Chemicals**

1. Chemicals approved for use at NSA Bahrain by the Base Operation Services Contractor (BOSC) are shown below.

a. Pesticides

Product	Active Ingredient	Registration Number	Target Pests
Blattanex EC20	Propoxur 20%	SASO Reg. No. 142-11-846	Crawling and Flying insects including cockroaches, ants, mosquitoes, flies and fleas.
Maxforce IC	Imidaclopid 2.15%	KSA 188-11-599	Cockroaches.
Fiprocid 25 SC	Fipronil	CAS#120068-37-3	Crawling and Flying insects including cockroaches, ants, mosquitoes, flies, silverfish and ticks.
K-Othrine	Deltamethrin	35-25-176	Crawling and Flying insects.
Solfac EC 050	Cyfluthrin	CAS#68359-37-5	Crawling and Flying insects including cockroaches, fleas, bedbugs, ants and beetle species.

General Purpose Detergent	General Purpose Detergent	Johnson Wax Professional	25155-30-0 68081-94-4
Deodizer Spray	Glade Aerosol Spray	S.C. Johnson & Son	7732-18-5 75-28-5 74-98-6
Disinfectant	Lifeguard Disinfectant	Johnson Wax Professional	68989-00-4 68439-46-3
Hand Washing Cream	Refresh Hand Washing Cream	Johnson Wax Professional	68585-34-2 8051-30-7
Multisurface / Glass Cleaner	Room Care R3-Plus	Johnson Diversity UK Limited	1569-01-3 68585-34-2
Air Freshner	Room Care R5-Plus	Johnson Diversity UK Limited	118-58-1 6259-76-3 106-22-9 116126-82-0 2634-33-55
DeConit- All-purpose Industrial cleaner	Water based biodegradable wetting agents and surfactants	Ivey International	N/A
DeConit- All-purpose Industrial cleaner (Part A & B)	Aqueous Inorganic Redox Solution	Ivey International	N/A
Diverclean VK10aj Special SU121	Sodium ABS SLES E3	Johnson Diversey	Replacement for GP Detergent by Johnson Wax Professional

f. DoDDS

Product	Trade Name/Ingredients	Manufacturer	CAS# / NSN#
Vista (Green) Whiteboard Cleaner	Vista Whiteboard Cleaner	Vista Visuals Australia P/L	Not Available
Gasoil	Distillates C8-26 fuel diesel	Shell International Trading Middle East Ltd	CAS# 848301-67-7 68334-30-5

DECON-IT®

*Physical
Data*

pH of 1% solution	7 (+/- 0.5)
Specific Gravity (g/ml)	0.99-1.04(water=0)
Density (lbs./gal.)	997.0479 kg/m3
Vapor Pressure (mm Hg)	<0.01mm Hg
Flash Point (degrees F)	Not Applicable
Phosphate Content (as Phosphorus)	Not Applicable
Fragrance Content	Citrus - Grapefruit
Organic Carbon (% calculated w/w)	Not Applicable
Surface Tension 1% solution (Dyne/cm)	<30 dynes
Color:	Clear to Cloudy White
Form:	Liquid
Solubility in Water:	100%
Hard Water Effectiveness:	Highly Effective
Biodegradability:	>90% in 28 Days
Foam Tendency:	Low to Moderate
Shelf Life:	1 year in a sealed container

DECON-IT[®]

Health & Safety Information

OSHA Hazardous Ingredients:	None
RCRA Hazard Class:	Non-hazardous
EPA Priority Pollutants:	None
DOT Hazard Class:	Non-hazardous
Flammability:	Non-flammable
Oral Toxicity:	Not Applicable
No ingredient defined as an oral toxicant by OSHA	
Eye Irritation:	Mild eye irritant if not rinsed
Inhalation Toxicity:	Non-irritating
Latex Content:	None
VOC Content:	0%
Preservation	None to Food Grade
Carcinogenicity:	NTP = No IARC = No OSHA = No
All ingredients in DECON-IT [®] are listed in TSCA inventory.	

PRODUCT AWARDS

- **Globe Award**
- **North American Frost & Sullivan Award**
- **Environmental Business Journal Awards (2)**
- **R.F Weston Awards**
- **MYSTIC Environmental Excellence Award**



TESTIMONIALS

"Deconit is a superior cleaning agent and decontamination product. For years, I used Alconox and Simple Green out in the field, and neither product can compare to the effectiveness and great smell of Deconit. Get some Deconit into a spray bottle and you are good to go!"

Fran Sosic | Murex Environmental

"I loved the product. It was easy to use, left no film or residue behind, and made cleaning quick." Drew R. Priolo | SCS Engineers

"Everyone loves it and we will be purchasing more when we are running low."

David Ring | Geotechnical Services, Inc

"I really liked it. There wasn't that much work in getting a water level meter clean and let me tell you it was NASTY! Usually I would have to scrub it, but with some warm water and the DeConIT, it came out great. I had Petroleum of 2 feet on the tape, from a monitoring well, I can actually see the numbers and it looks like nothing was on it before." Nicole D. Motto | LiRo Engineers, Inc

"We have used it to decon field equipment after use and it seems to work out well."

Troy Fowler | Hart Crowser, Inc

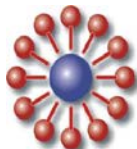
DEMONSTRATION



Question & Answer Period

Come Visit Us At Our Booth





Ivey International Inc.

"Today's Environmental Solutions For A Better Tomorrow"

**George (Bud) Ivey, B.Sc., CES, CESA, P.Chem., EP
President and Senior Remediation Specialist**

Ivey International Inc.

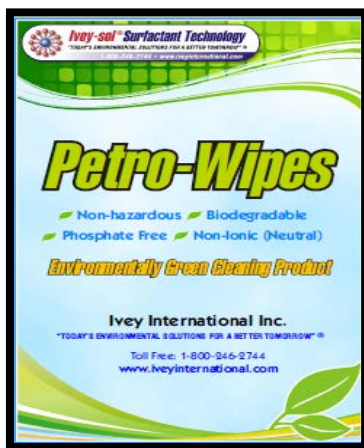
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I-ROX®



ATOMISOL®

SORBITALL™