Transport Essentials



The Right Product at the right place

High Technology Solutions for the Transport Industry



Exterior Care



A-2544

Trans Clean Acid Exterior Wash

Concentrated agent, blend of organic acids, sequestrants, wetting agents and corrosion inhibitors, formulated for removing brake dust build-up and other soils from train under carriages, wheels and components. Safe on aluminum,

A-2544-02 A-2544-U2 alternatively with A-4936. Apply by brush, mop or spray. Biodegradable. Dilution: up to 5%, Colour: Clear, Acidity (%): 10.3

steel, glass and paints. Phosphate and

silicate free. Recommended for using

25L

2051

Δ-4936

Trans Clean AK Alkaline Automatic Exterior Wash

Heavy duty liquid, blend of sequestrants, alkalis, biodegradable surfactants and corrosion inhibitors, formulated for automatic pressure cleaning machines.

Removes traffic film, grease and soiling A-4936-02

Dries without residue stains. Dilution: up to 3%, Colour: Light yellow, pH (10%): 11.3

from train bodywork. Safe to use on

painted plastic, glass and metal surfaces.

25L

205L

A-4936-U2

A-4912

Fast Klene Super Multi-Purpose Exterior Wash

Concentrated mild alkaline detergent, blend of balanced wetting agent, sequestrants and alkalis, designed for use with pressure cleaning machine for the removal of road traffic films. Removes grease, dirt and soiling from bodywork.

A-4912-02

A-4912-U2

chassis and engines. Safe to use on painted plastic, glass and metal surfaces. For application by brush, mop or spray method. Very economical. Dilution: up to 5%, Colour: Light yellow, pH (1%): $11.0 \pm$ 0.3

251

2051

A-2634

Thixowash AC Gelled Acid Exterior Wash

Ready to use gel formulated to **remove** copper and iron oxide films from the roofs of electric tram and railway carriage. Adheres to the surface with no run off to ensure maximum contact

time and safety for operator. Reduces wastage and labour costs. Suitable for application by swab, brush or low pressure spray. Non-flammable. Colour: Clear

A-2634-02

Dosing Equipment

1235

Quadriplonge SS

Robust stainless steel proportioner equipped with a venturi of 13L/min that allows pre-setting 4 different dilutions from 0.25% to 27.5%. Recommended for filling bottles, buckets and containers.



Exterior Care



A-3234

Extra Plus

Neutral Wash & Shine Shampoo

Highly concentrated liquid, blend of surfactants combining high quality cleaning action with a streak free finish. Enhances appearance to paintwork, glass and prevents spotting on doors and windows. Free from alkalis,

A-3234-02

A-3234-U2

butyls, solvent and phosphates. Safe on paintworks and metals. For the daily cleaning of buses and trucks in auto washing. Suitable for application by brush, foam or wipe. **Dilution:** up to 2%, **Colour:** Red, **pH**: 7.0 ± 1.5

25L

205L

Δ-4049

Fleetclean A

Automatic Vehicle Exterior Wash

High foaming detergent, blend of biodegradable surfactants and corrosion inhibitors, designed for automatic wash systems. Effectively removes dirt, grease, soils, and road traffic stains from trucks,

A-4049-02

A-3120

A-4049-U2

cars, buses. Safe on all surfaces, paintwork and chrome. May be used with high and low pressure units. Non-flammable. Dilution: up to 2%, Colour: Light brown **pH:** 6.0 ± 1

251 205L

Bulldog Gold Heavy Duty Vehicle Wash

Mild alkaline detergent, blend of surfactants, sequestering agents, corrosion inhibitors and natural solvent, formulated to remove dirt, soils, grease and oil from trucks, buses and mining vehicles. Safe on all metals, paintwork, chrome,

A-3120-U2

aluminium and plastic curtains. For use in automatic wash installations. May be applied with a HV & LV foamer, brush or with high pressure equipment. Non-flammable. Dilution: up to 1:50, Colour: Bright fluorescent Yellow, pH (1 %): 9.6 ± 0.3

25L

2051

A-4045

Fleetclean M

Manual Vehicle Exterior Wash

High foaming detergent, blend of biodegradable surfactants and corrosion inhibitors, formulated for manual washing of trucks and buses. Quickly removes dirt, grease, soils, and road traffic

A-4045-02

A-4045-U2

films. Safe on all surfaces, paintwork and **chrome**. Apply with a sponge, brush or with high pressure equipment. Non-flammable. Dilution: up to 5%, Colour: Clear green, **pH:** 7.5 ± 0.5

25L

205L



0-9085-02

Cement Truck Renovator

Super concentrated liquid, blend of organic acids and biodegradable wetting agents, formulated to remove heavy encrustations of mortar, scale and tar from cement trucks and equipment.

Contains corrosion inhibitors to reduce the attack on bare metal. Apply by brush or spray. Care to be taken on soft metals. **Dilution:** up to 1:6, **Colour:** Violet, **pH:** < 2

25L

Interior Care



A-3220

Sunshine General Purpose Cleaner

Premium grade detergent that works effectively on all interiors surfaces: floors, overhead compartments, armrest, table tops, toilets, cubicles, walls etc. Harmless to all metals, paint.

A-3220-02

A-3220-U2

fabrics, glass, rubber etc. Non-slip finishing. Spray, swab or wipe on/off. Non-toxic. Leaves a fresh lemon fragrance. Dilution: up to 1:50, Colour: Clear blue, pH (10 %): 6.5 ± 0.5

25L

205L



Surfakleen AL Food Grade Detergent Cleaner

Foaming mild alkaline cleaner, blend of biodegradable detergents and sequestrants, formulated for the daily cleaning of van interiors, containers and iso tanks which may be in contact with foodstuffs.

A-4432-02

Removes greases, vegetable oils, fats, blood etc. Safe on all surfaces. Apply by brush, foamer or pressure wash equipment. For HACCP programs. Dilution: up to 10ml / L, Colour: Pale yellow, pH(10%): 9.5 ± 0.5

A-3340

Food Grade Detergent & Disinfectant

One step cleaner & disinfectant, blend of biodegradable detergents, sequestrants and QAC sanitizer, formulated for the daily cleaning of vehicles interiors, containers and iso tanks which may be in contact with foodstuffs. Provides

A-3340-J1

A-3340-02

bactericidal, fungicidal and algaecidal properties. Eliminates odours. Safe on all surfaces. Apply by brush, foamer or pressure wash equipment. For HACCP programs. Dilution: up to 1:200 parts, **Colour:** Pink, **pH:** 7.3 ± 0.2

5L x 4

25L

A-3952

Interior Polishing Cleaner

Ready to use polishing cleaner which provide an outstanding shine to surfaces in bus, metro, train and automobile. Suitable for leather and naugahyde seats, laminate, plastic and polycarbonate

surfaces, dashboards, rubber tyres etc. Dries to a non-greasy finish. Long lasting protection. Pleasant fragrance. Nonflammable. Colour: white, pH: 7.7 ± 0.3

A-3952-F6

A-3952-02

500ML x 6 25L

A-7883

A-7883-J1

Kleenzyme

Biological Multi-surface Cleaner / Deodorizer

Foaming liquid blend of micro-organisms, enzymes and biodegradable surfactants, formulated to clean and deodorize cabin, seats upholstery, carpets, toilet floors, sweat, vomit stains etc. Prevents pipes A-7883-F6

blockages and malodours caused by the accumulation of organic deposits and bacteria in galley line. Non-corrosive. Pleasant fragrance. Dilution: 30 to 100ml / L of water, **Colour:** Opaque green, **pH:** 7.5 ± 0.5

500ML x 6

5L x 4

Lavatory Care



Δ-3471

Noviruclean Viricidal Sanitiser

Powerful spray and wipe disinfectant cleaner. Viricidal, bactericidal and fungicidal properties. Effective on all internal surfaces: armrests, tabletops, toilet cubicles, walls & components

A-3471-F6

A-3471-02

etc. Recommended as a soak cleaning for recirculating toilet tanks. No rinsing required. Dilution: up to 1:30, Colour: Clear, pH (10 %): 9.3 ±0.5

500ML x 6 (RTU 1/30)



Novirusac Gel

Viricidal Toilet Sanitiser

New technology water-soluble gel for recirculating & vacuum toilet systems. Produces a pleasant fruity perfume for effective odour control, bactericidal and

fungicidal treatment. Viricidal against: A-3466-H5

Hep B, HIV (AIDS), Herpes Simplex. Bactericidal against gram positive and negative strains. Dilution: 1:1000 parts of water, Colour: Dark blue, pH (0.5%):

200 x 20gm (water soluble sachets) A-3466-H7 96 x 40gm (water soluble sachets) A-3466-02

A-2225

Vactreat Toilet Line Descaler

Acid based cleaner effective to prevent build-up of soil deposits in toilets systems. Dissolves hard scale and prevents foul-odours. Prevents the narrowing of vacuum pipes and reduces the risks of blockage. Maintains

vacuums and recirculating systems in optimal condition. Treatment should be carried out every 7 days for effective control of calcification. Dilution: 2L per toilet, Colour: Dark green, pH: <1

A-2225-I2 2L x 6 A-2225-02 251

A-3180

Glass Act Window Cleaner

Concentrated ammonia free liquid. formulated to quickly remove dirt and soils from windshields, mirror and windows Dissolves smoke films, oily stains, insect

remains, smudges and fingerprints A-3180-F6

leaving sparkling surfaces without buffing. No streaking or smudging. Safe on painted surfaces, vinyl, plexiglass and plastic components. Dilution: up to 1:10, Colour: Clear green, pH: 10 ± 0.3

500ML x 6 (RTU) 5L x 4

A-3747

A-3180-J1

Breeze Spice / Breeze Lily Cabin Deodoriser

Concentrated water soluble odour counteractant and reodorant. Eliminates offensive odours in cabin and toilet leaving a fresh pleasant fragance. Destroys

most odours from **tobacco**, **perspiration**,

urine, stale air, vomits, mildew and many other sources. Ideal for buses, ambulance and air ducts. Non-flammable. Dilution: up to 1:3. Colour: Red

A-3746/7-J1 5L x 4 A-3746/7-02 25L

Component Overhaul



A-2690

lmmerkleen Acid Immersion Renovator

Concentrated low foaming cleaner, blend of organic acids, biodegradable surfactants and corrosion inhibitors, formulated for effective removal of rust and conditioning scale on metal components in immersion tank. Effectively

A-2690-02

removes grease, oil and grime from alloy and painted metal parts. Brightens stainless steel. Leaves a phosphating film which is ideal for subsequent painting operations. Dilution: 16 to 25%, Colour: Clear, **pH(1%):** 2.0 ± 0.5

Component Overhaul



A-8000

Solvent Wipes I Non-Flammable Cleaner

Powerful solvent blend, formulated for an effective degreasing and removal of dust, oil grease and soil from components, engine parts, electrical and electronic systems. Safe on all metals

A-8000-02

A-8000-U2

with care to be taken on some painted and plastic surfaces. Leaves no residue. Suitable for immersion, wipe or spray application. Odourless. Colour: Clear, Flash Point: 62° C (TCC)

251

2051

A-5851

Liquikleen HA Alkaline Immersion Renovator

Concentrated alkaline liquid, designed for the removal of rust, heat modified carbon deposits, grease and oil in immersion tank applications. Eliminates the need for laborious scrapping

A-5851-02

A-5851-U2

For engine blocks, brake pads and various components. Will not cause hydrogen embrittlement, Economical,

Dilution: 100ml/L of water Colour: Clear

251

2051

A-8293

Citrikleen X520 Environmentally Friendly Cleaner

Powerful solvent, formulated from natural citrus oils. Quickly dissolves oils, greases, tar, carbon and waxes from engines, electric motor and transport components. Replaces chlorinated and petroleum solvents. Ideal for removing corrosion

A-8293-02

inhibition compound and contact adhesive. Safe on all metals with care on some paints and plastics. Leaves no residue. Use as wipe on/wipe off or by immersion tank. Colour: Clear, Flash Point: 45° C (TCC)

for engines, brake pads, locks, circuit

boards, relays, surface before painting or

bonding. Non-hazardous. Safe to the

environment, Flash Point: -35° C

5L x 4

25L

A-5050

Steamklean Steam Cleaning Compound

Alkaline cleaning agent which rapidly removes oil, grease and clay deposits on all metal and painted surfaces. Recommended for steam cleaning applications of chassis and running gear of trucks,

A-5050-02

bus and cars. Safe on all metals and paintworks

Dilution: 1-2L / 100L of water Colour: Light brown liquid

0-0503

A-8293-J1

Kleaner Fast Dry Solvent

Fast acting multi-surfaces cleaner, designed to quickly dissolve oil, grease and dirt on mechanical parts. Leaves no residue. Powerful jet spray. Safe on most plastic and fragile materials. Recommended

Aerosol 400ML x 12

M-7205

Magnuspray 205 Multi-Metal Spray Wash Liquid

Low foaming non caustic cleaner, blend of alkalis, corrosion inhibitors and wetting agents, formulated for spray wash cleaning of ferrous and non-ferrous parts. Provides effective degreasing and

M-7205-02

cleaning action. In-process rust protection properties. For use at high or low temperatures. Biodegradable. Dilution: 0.5 to 5%, Colour: Amber **pH(1%):** 12.0 ± 0.5

0-0508

O-0503-A4

A90H

Non-Flammable Contact Cleaner

Ultra-high purity, fast drying electronic grade solvent for sensitive components. Penetrates deeply to dissolve grease, oil, dirt, flux, tar and other contaminants. 100% residue-free

O-0508-A3

Safe to spray on running equipment. For circuit boards, switches, connectors, electrical motors, relays, semiconductors etc.

Aerosol 330GM x 12

M-7921

Magnus® 921-X3 Multi-Metal Spray Wash Powder

Versatile high performance cleaner. blend of alkalis, rust inhibitors and wetting agents formulated for spray washer applications. Provides effective degreasing and cleaning action for ferrous and nonferrous components. Provides short

term corrosion protection. For use at high or low temperatures. Economical. Biodegradable. Dilution: 0.5-3% / L of water, Colour: White granular powder, pH (1%): 12.0 ± 0.5

M-7921-04 50KG M-7921-U2 205KG

A-4320

Protor WB

Temporary Corrosion Protection

Low foam water soluble agent, designed to clean and prevent rust on stainless steel and components which have been cleaned with water. Leaves non-greasy thin film which passivates surfaces for up to 3 weeks indoor. Allows A-4320-02

subsequent painting or welding process For use in immersion or spray systems. Very economical.

Dilution: 2-10% at 80°C Colour: pale white **pH (1%):** 8.5 ± 0.3

Engine Care



A-5213

Supa Clean Universal Water Based Degreaser

Powerful renovator, blend of balance surfactants, safe solvents and inhibitors, formulated to bridge the gap between hard surface cleaners and strong solvent. Liquefies and emulsifies grease, oil, grime and traffic films. For engines,

A-5213-02

A-5213-U2

chassis, coaches, ships, curtains, oil rigs. Safe on paintwork, chrome, stainless steel with care to be taken on aluminium. Apply with a brush or with high pressure equipment. Biodegradable. Non-flammable. Dilution: up to 1:500, Colour: Clear Yellow

25L

205L

Maintenance Workshop



A-5410

Raider Industrial Surface Renovator

Concentrated all-purpose liquid, blend of biodegradable surfactant and alkalis, designed for maximum cleaning efficiency and care for all washable surfaces. Safely removes dirt, grease, heavy oil from workshop floors & walls,

A-5410-02

A-5410-U2

machinery, engines, exhaust fans, plastic, concrete etc. **Non-slip finishes**. Used through pressure washers, steam cleaners, automatic scrubbing machines, spray and wipe. **Dilution:** up to 2% **Colour:** Red, **pH** (10%): 12.38 ± 0.5

bolts, nuts, screws, threads, wheel hubs,

seized assemblies. Frees corroded parts

without thread damage. Contains no

Colour: Yellow, Flash Point: >60°C

silicone Non-flammable.

25L

205L

A-8370

Emulsifiable Solvent Degreaser

Concentrated degreaser, blend of aromatic solvents and biodegradable surfactants, formulated for the removal of heavy soils, fuel oils, tars and heavy greases. For engines, chassis, forklift, trucks, generators, components.

A-8370-02

Safe on metals, glass and most paints. Care to be taken on plastic and rubber. **Non-flammable**.

Dilution: up to 1:8 parts of water **Colour:** Pale Yellow

25L

0-0800

Reduce 4 High Performance Release Agent

Fast acting penetrating agent, developed for mechanical parts exposed to harsh conditions. Cleans, penetrates, dissolves rust, lubricates and protects. Provides a water-repellent and phosphate coating. Suitable for badly seized assemblies,

Aerosol 300ML x 12

5L x 4



Carbosolv Immersion Decarboniser

Highly potent 2 phases system solvent, designed to remove carbonised oil and grease, epoxy paint, adhesives and synthetic finishes from components and engine parts. Safe on all metals. A-8771-02

Inhibited properties to prevent attack to reactive metal. Use as supplied by **immersion tank. Non-flammable.** Long lasting efficiency. Economical. **Colour:** Dark yellow

25L

0-0627

O-0800-A3

0-0800-J1

CT 41 EP Weatherproof Grease

Adhesive lithium complex grease, for mechanisms operating under high shear stresses or high loading conditions. Exceptional extreme pressure lubrication, water and heat resistance. Stays in place and protects mechanism from overload O-0627-C4

and shock. For sleeve, fifth wheel, wheel bearings, slide, telescopic booms, construction and mining vehicles, etc.

Operating range: -20°C to +230°C.

NLGI: 2. Timken O.K. Load: 80LB

Colour: Gold / Amber

Cartridge 400GM X 10

Pail 35Lb

3.8L x 4

0-0504

Powerful Non-Flammable Solvent

Highly effective industrial degreaser, formulated for effective removal of fuel residues, synthetic oils, carbonized greases, tars from mechanical surfaces. High evaporation leaving no residue.

Powerful jet spray. Non-corrosive. Care to be taken on plastics. For **engines blocks**, **carburetors**, hydraulic cylinders, etc. **Saves labour time**.

Aerosol 600ML x 12 25L

0-0580

0-0627-01

Orange Cream Citrus Hand Cleaner

Neutral lotion, blend of citrus oil, biodegradable surfactants and polymeric beads which combines effective cleaning with gentle rubbing action. Removes the toughest grease, oils, grime,

O-0580-J0

soot and **inks**. Contains glycerin to hydrate hands. **Pleasant** perfume. Contains **no petroleum solvents**. For all workshops and garages etc.

Colour: Orange, **pH:** 7.5 ± 0.5

Δ-4279

A-4279-02

O-0504-A5

0-0504-02

Unicool Cooling System Inhibitor

Colour coded nitric based compound, designed to prevent corrosion and scale formation in high performance diesel and conventional engines radiators. Compatible with ethylene glycol antifreeze

additives. Will not harm radiator or heat hoses. Significantly **extends life of cooling systems**.

Dilution: 30 ml / L, Colour: Blue pH(1%): 8.3 ± 0.2

25L

0-0575

0-0575-S9

Ultra Clean Wipes Hands and Surfaces Wipes

Wipes impregnated with a natural plant extract solution, designed for effective degreasing of hands, tools and equipment heavily soiled by oils, greases,

inks paints, petrol, tar and soot. Cleans hands without water directly on site.
Hypo-allergenic. Pleasant mandarin scent.
Colour: Pink wipes

Bucket 70 wipes

"In a market characterized by a constant stream of transportation products, innovation more than ever is the key to success. Research has always been and will continue to be our strategic priority to safeguard our future."

Since 1942, **ORAPI Group** has been understanding and anticipating the requirements of the transport industry. Providing mechanical and maintenance engineers, technologically Advanced Solutions, to improve process cleaning efficiency and reduction of operation costs without compromising quality and standards.

Conformance

The high quality and manufacturing standards of **APPLIED** products are continually endorsed by major O.E.M. corporations and tested by independent certification bodies, such as: ISO standards - 9001 & 14001, military standards - NATO, US MIL, aeronautic standards - ASNA, AIMS, AMS, BOEING, international standards (BS: British, DIN: German, AFNOR: French), etc. These audits and certifications often award **APPLIED** the top grades, while respecting the standards of high quality in terms of products and technology.

International Network

With a distribution coverage in more than 150 countries and manufacturing facilities in major continents. **ORAPI Group** is well positioned to provide the necessary local support and expertise resources backed by a global International Organisation.

Safety & Environment

ORAPI is committed to ensure safety and developing products that are environmentally friendly. Our goal is to provide technological innovations which are safe to the public health and maintaining the quality of the environment.



ASIA & MIDDLE EAST

- SINGAPORE ORAPI APPLIED (S) PTE LTD No. 26 Tuas Avenue 13 Singapore 638992 Tel: +65 6265 2888 Fax: +65 6268 6474 E-mail: sin.sales@orapi.com.sg
- MALAYSIA
 ORAPI APPLIED (M) SDN BHD
 No. 10, Jalan PJU 3/49 PJU 3,
 Sunway Damansara
 47810 Petaling Jaya Selangor,
 Malaysia

Tel: +60-3-7805 3805 Fax: +60-3-7880 5805 E-mail: msia.sales@orapi.com.my

- THAILAND
 ORAPI APPLIED (T) CO.,LTD
 55/75 Moo 9, Townplus KasetNawamin Village,
 Klonglumjiak Road, Klongkum,
 Buengkum,
 Bangkok 10240 Thailand
 Tel: +66 2 508 1342
 Fax: +66 2 508 1343
 Email: thai.sales@orapi.co.th
- UAE
 ORAPI MIDDLE EAST L.L.C.
 729 Business Village Main
 Building Block B
 PO Box 120509, Dubai
 United Arab Emirates
 Tel: +971 (0) 42942947
 Fax: +971 (0) 42942948
 Email: uae.sales1@orapi.ae

PACIFIC

- AUSTRALIA ORAPI PACIFIC PTY LTD Tel: +613 9701 5373
 E-mail: info@viclube.com.au
- MAURITIUS ORAPI PACIFIC CIE LTD Tel: +230 208 1477 E-mail: admin.prolub@intnet.mu
- NEW CALEDONIA
 ORAPI PACIFIC SFAC SARL
 Tel: +687 25 15 40
 E-mail: sfac@sfac.nc
- SOUTH AFRICA ORAPI AFRICA LTD Tel: +27 11 453 17 13 E-mail: info@orapiafrica.co.za

AMERICAS

- CANADA
 ORAPI CANADA LTD
 Tel: +1 514 735 32 72
 E-mail: jeanf@orapi-canada.com
- MARTINIQUE
 ORAPI MHE
 Tel: + 596 77 37 07
 E-mail: info@mhe-martinique.com

EUROPE

- FRANCE
 Worldwide Headquarter
 ORAPI FRANCE
 Parc Industriel de la Plaine
 de l'Ain
 225, allée des Cèdres
 01150 Saint-Vulbas
 Tel: +33 (0)4 74 40 20 20
 Fax: +33 (0)4 74 40 20 21
 Web: www.orapi.com
 E-mail: contact@orapi.com
- BELGIUM
 ORAPI APPLIED BELGIUM S.A
 Tel: +32 2 2800 736
 E-mail: sales@orapiapplied.be
- NORWAY
 ORAPI APPLIED NORWAY
 Jei: +47 333 66 000
 E-mail: kundeservice@orapi.no
- UNITED KINGDOM
 ORAPI APPLIED LTD
 Tel: +44.121 525 4600
 E-mails info@orapiapplied.com
- FINLAND
 ORAPI NORDIG OY AB
 Tel: +358.9 894-6430
 E-mail: sales@erapinordic.net

- NETHERLAND ORAPI APPLIED NEDERLAND B.V Tel: +31 172 43 72 21 E-mail: sales@orapiapplied.com
- POLAND
 ORAPI TRANSNET SP. z o.o.
 Tel: +48 61 813 86 40
 E-mail: mariusz.polkowski@orapi.com
- SWEDEN ORAPI NORDIC OY AB Tel: +46 18 506 010 E-mail: info@orapi.se
- ITALY ORAPI ITALIA SRL Tel: +39 06 916 10576 E-mail: info@orapi.it
- SPAIN ORAPI TRANSNET ESPAÑA, SL Tel: +34 974 480 828 E-mail: adminote@orapi.com



