



MY WORK IS MY
REPUTATION,
THAT'S WHY I CHOOSE LPS



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iS (EYES) IDENTIFICATION SYSTEM

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PRODUCT CATEGORY COLOR CODES	
LUBRICANTS/PENETRANTS	GREASES
CORROSION INHIBITORS	CUTTING FLUIDS AND LUBRICANTS
INDUSTRIAL DEGREASERS	SPECIALTY MRO PRODUCTS
ELECTRONIC CLEANERS	

PACKAGING ICONS	
	Power Blast Spray: High spray delivery application
	Inverta Spray Valve: For hard-to-reach areas, this valve allows you to spray in upright and inverted positions

ENVIRONMENTAL ICONS	
	A product with no VOC (Volatile Organic Compounds) content based on Federal Consumer Product Regulations
	A product with VOC content ≤10% based on Federal Consumer Product Regulations
	Meets California Air Resources Board (CARB) VOC regulations for consumer products
	Meets 2006 Ozone Transport Commission (OTC) model rules for consumer products
	No hazardous air pollutants

PRODUCT ICONS			
	Biodegradable contents		Displaces moisture
	No chlorinated solvents		Product can withstand low temperatures
	Non-conductive		Product can withstand high temperatures
	Non-Flammable		Product can withstand extreme pressures
	Low toxicity		Meets NLGI 1.5 & 2 (National Lubricating Grease Institute) standards
	Product is safe to use on plastics		Fast evaporating product
	PTFE (polytetrafluoroethylene): reduces friction, wear, and energy consumption of machinery		Product leaves no residue after use
	Product has very little odor		Product has no odor
	Products that do not contain silicone		
	NSF® Nonfood Compounds Registration: NSF® is a continuation of the USDA product approval and listing program for chemical products which can be used in food plants		
	H1		A1 C1 H2 K1 K2
	SAFE: For use through out facility		CAUTION: Exercise caution
INCIDENTAL FOOD CONTACT		NO FOOD CONTACT	

Please Note: not all of these items are available outside of the US. Please check for availability.



You Tube

LPS product videos are a great way to see the products in action.

Visit our YouTube channel and click on "Playlists" to view LPS brand product videos.
CHANNEL NAME: ITW PRO BRANDS

Scan to view LPS product videos



LUBRICANTS



DRY FILM LUBRICANT



LPS 1® GREASELESS LUBRICANT



- Resists oil, dust, and dirt build-up
- Fast acting penetration
- Loosens rusted or frozen parts
- Provides a short term, light, corrosion resistant barrier
- Ideal for delicate mechanisms
- Safe on paint and most plastics
- Nonfood Compounds Program Listed Category Code: H2
Registration #059847 (Aerosol); #129040 (Bulk)

NET CONTENTS	CONTAINER	LPS #
11 wt. oz./312 g/379 mL	aerosol	00116
20 fl. oz. (591 mL) Trigger	trigger	00122
1 gal. (3.78 L)	bottle	01128
5 gal. (18.93 L)	pail	00105
55 gal. (208 L)	drum	00155



WET FILM LUBRICANT



LPS 2® HEAVY-DUTY LUBRICANT



- Strong, multi-purpose lubricant and penetrant with added corrosion protection
- Provides a non-drying, light, oily film for use on indoor/outdoor equipment
- Loosens rusted or frozen parts
- Protects metal parts during indoor storage for up to one year
- Nonfood Compounds Program Listed Category Code: H2
Registration #129026 (Aerosol); #059848 (Bulk)

NET CONTENTS	CONTAINER	LPS #
11 wt. oz./312 g/369 mL	aerosol	00216
20 fl. oz. (591 mL) Trigger	trigger	00222
1 gal. (3.78 L)	bottle	02128
5 gal. (18.93 L)	pail	00205
55 gal. (208 L)	drum	00255

PTFE LUBRICANTS

DRY FILM PTFE



DRY FILM PTFE LUBRICANT



- Dry film will not attract dust or dirt
- Provides excellent lubrication
- Fast drying formula is ideal for releasing molded parts
- Excellent for high temperature applications up to 500°F (260°C)
- Colorless, thin film

NET CONTENTS	CONTAINER	LPS #
11 wt. oz./312 g/392 mL	aerosol	02616

WET FILM PTFE



MAGNUM PREMIUM LUBRICANT WITH PTFE



- High performance lubricant with PTFE additives
- Ideal for both regular and extreme conditions
- Penetrates and protects metal against rust and corrosion
- Flash point of 175°F (79°C)
- Safe to use on most surfaces
- Petroleum base
- Nonfood Compounds Program Listed Category Code: H2
Registration #128980 (Aerosol); #128981 (Bulk)

NET CONTENTS	CONTAINER	LPS #
11 wt. oz./312 g/358 mL	aerosol	00616
5 gal. (18.93 L)	pail	00605

MOLY LUBRICANTS



Provides a quick drying, thin film

DRY FILM MOLY



FORCE 842® DRY MOLY LUBRICANT



- Fortified with molybdenum disulfide
- For assembly and break-in lubrication
- Works under high temperatures: 842°F (450°C) and pressures: 100,000 psi (6890 Bars)
- Resists dust and dirt
- Prevents seizure of parts
- High adhesion
- Water and chemical resistant

NET CONTENTS	CONTAINER	LPS #
11 wt. oz./312 g/468 mL	aerosol	02516



Increases the life of chains and wire ropes

WET FILM MOLY



CHAINMATE® CHAIN & WIRE ROPE MOLY LUBRICANT



- Fortified with molybdenum disulfide for reduced wear & galling
- Effective under extreme pressure ranges
- Foaming action provides deep penetration to the core of wire ropes
- Reduces wear caused by friction and corrosion
- Lubricant and corrosion protectant
- High adhesion
- Use with guards in place to eliminate costly downtime

NET CONTENTS	CONTAINER	LPS #
11 wt. oz./312 g/405 mL	aerosol	02416

SILICONES



Ultra dry film reduces sticking of sliding parts

DRY FILM SILICONES



DRY FILM SILICONE LUBRICANT



- Provides excellent surface lubrication
- Fast drying formula is ideal for releasing molded parts
- Excellent for high temperature applications up to 500°F (260°C)
- Colorless, thin film

NET CONTENTS	CONTAINER	LPS #
11 wt. oz./312 g/393 mL	aerosol	01616



Water-based, silicone-rich formula

WET FILM SILICONES



HEAVY-DUTY SILICONE LUBRICANT



- Colorless slower evaporating formula penetrates into tight areas
- Ideal for rubber and plastic surfaces
- Eliminates sticking, binding, and squeaking
- Non-staining
- Safe on most surfaces
- Nonfood Compounds Program Listed Category Code: H1 Registration #167952 (Aerosol); #059821 (Bulk)

NET CONTENTS	CONTAINER	LPS #
13 wt. oz./369 g/439 mL	aerosol	01516
5 gal. (18.93 L)	pail	01505

PENETRANTS

**PENETRATES
FASTER AND DEEPER
THAN MOST OTHER
COMPETITIVE PRODUCTS
IN THE MARKET PLACE**



KB 88 THE ULTIMATE PENETRANT



- Aggressive formula penetrates through grease, dirt, and corrosion to quickly release rusted fasteners & parts
- High Kb solvency value of 151 and low surface tension
- Nonfood Compounds Program Listed Category Code: H2 Registration #138554 (Aerosol); #138553 (Bulk)

NET CONTENTS	CONTAINER	LPS #
13 wt. oz./369 g/417 mL	aerosol	02316
20 fl. oz. (591 mL) Trigger	trigger	02322

**SAFE ON ALL
METALS AND
MOST PLASTICS***



LST PENETRANT



- Specially formulated with low surface tension for fast penetrating action
- Loosens rust and corrosion to free frozen parts
- Powerful foaming action provides complete surface coverage
- Flash point of 175°F (79°C)
- Petroleum base
- Nonfood Compounds Program Listed Category Code: H2 Registration #059851 (Aerosol); #059823 (Bulk)

NET CONTENTS	CONTAINER	LPS #
11 wt. oz./312 g/382 mL	aerosol	01916
55 gal. (208 L)	drum	01955

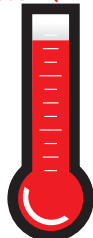
*Test first to ensure compatibility.

ANTI-SEIZES



**PREVENTS
SEIZURE UP TO**

2600°F (1427°C)



NICKEL ANTI-SEIZE



- Does not contain lead or copper
- Chemically inert
- Can be used with ammonia, acetylene, and vinyl monomers which are unstable in the presence of copper
- Strong resistance to water wash off
- Operating range of -65°F (-54°C) to 2600°F (1427°C)
- Will not run, drip, or settle out
- Ideal for use on stainless steel and for joining dissimilar metals
- Silver color
- Acid resistant

NET CONTENTS	CONTAINER	LPS #
1/2 lb. (227 g)	units	03908
1 lb. (454 g)	units	03910



**PREVENTS
SEIZURE UP TO**

2000°F (1093°C)



COPPER ANTI-SEIZE



- Lead free
- Protects against seizure, heat-freeze, galling, rust, and corrosion
- Brushes up to 2000°F (1093°C)
- Highly adhesive on both wet and dry surfaces
- Will not run, drip, or settle out
- Copper color

NET CONTENTS	CONTAINER	LPS #
12 wt. oz./340 g/406 mL	aerosol	02916
1/2 lb. (227 g)	units	02908
1 lb. (454 g)	pail	02910



**PREVENTS
SEIZURE UP TO**

1800°F (982°C)



ALL-PURPOSE ANTI-SEIZE



- Moly fortified
- Lead free
- Protects against seizure, heat-freeze, galling, rust, and corrosion
- Lowers friction; reduces wrench torque
- Reduces maintenance costs
- Not affected by contraction, expansion, or vibration
- Will not run, drip, or settle out
- Charcoal grey color
- Best choice for corrosive environments

NET CONTENTS	CONTAINER	LPS #
1/2 lb. (227 g)	units	04108
1 lb. (454 g)	units	04110

TECHNICAL PROPERTIES

NATIONAL FIRE PROTECTION ASSOCIATION (NFPA) FLAMMABILITY RATING					
WET FILM LUBRICANTS	CHAINMATE®				AEROSOL
	LPS 2®		AEROSOL BULK		
	MAGNUM		AEROSOL BULK		
	TKX®1		AEROSOL BULK		
	HEAVY-DUTY SILICONE		BULK		AEROSOL
DRY FILM LUBRICANTS	DRY FILM PTFE LUBRICANT				AEROSOL
	DRY FILM SILICONE LUBRICANT				AEROSOL
	FORCE 842®				AEROSOL
	LPS 1®		AEROSOL BULK		
PENETRANTS	KB 88		AEROSOL BULK		
	LST		AEROSOL BULK		
TEMP RANGE		<NON-FLAM		EXTR-FLAM>	
		1	2	3	4

CORROSION PROTECTION LONGEVITY (INDOORS)					
		6			
					12
					12
			9		
1					
1					
1					
					12
	3				
1					
1					
MONTHS					
2	4	6	8	10	12

		VOC STATUS					TYPE OF LUBRICANT			
		CARB	OTC				MOLY-BASED	SILICONE-BASED	PTFE	PETROLEUM
		CA	DC, IL, IN, MA, ME, NJ, PA, & VA	CO, CT, DE, MD, MI, NY, OH, RI, NH, & UT						
WET FILM LUBRICANTS	CHAINMATE®	Compliant	Not Regulated	Not Regulated		Not Established	●			●
	LPS 2®	Compliant	Compliant	Compliant	H2	33 kV				●
	MAGNUM	Compliant	Compliant	Compliant	H2	15 kV		●		●
	TKX®1	Compliant	Compliant	Compliant	H2	32 kV				●
	HEAVY-DUTY SILICONE	Compliant	Compliant	Compliant	H1	Not Established		●		
DRY FILM LUBRICANTS	DRY FILM PTFE LUBRICANT	Not Regulated	Not Regulated	Not Regulated		Not Established			●	
	DRY FILM SILICONE LUBRICANT	Compliant	Compliant	Compliant		Not Established		●		
	FORCE 842®	Not Regulated	Not Regulated	Not Regulated		Not Established	●			
	LPS 1®	Compliant	Compliant	Compliant	H2	32 kV				●
PENETRANTS	KB 88	Compliant	Compliant	Compliant	H2	Not Established				●
	LST	Compliant	Compliant	Compliant	H2	33 kV				●

1TKX product on page 20

															TYPE OF ANTI-SEIZE		
		TEMPERATURE RANGE													NICKEL	COPPER	ALUMINUM & MOLY
ANTI-SEIZES	NICKEL									-65°F (-54°C) TO 2600°F (1427°C)					●		
	COPPER							-65°F (-54°C) TO 2000°F (1093°C)						●			
	ALL-PURPOSE					-65°F (-54°C) TO 1800°F (982°C)										●	
		-100°F	0°F	250°F	500°F	750°F	1000°F	1250°F	1500°F	1750°F	2000°F	2250°F	2500°F	2750°F	3000°F		

WAX BASED CORROSION INHIBITORS


LPS 3®
PREMIER RUST INHIBITOR


- Self-healing, soft, waxy film protects for up to 2 years indoors
- Prevents rust and corrosion
- Safe to use on most surfaces
- Nonfood Compounds Program Listed Category Code: H2
Registration #129027 (Aerosol); #059849 (Bulk)

NET CONTENTS	CONTAINER	LPS #
11 wt. oz./312 g/380 mL	aerosol	00316
20 fl. oz. (591 mL) Trigger	trigger	00322
1 gal. (3.78 L)	bottle	03128
5 gal. (18.93 L)	pail	00305
55 gal. (208 L)	drum	00355


LCI
LOW-ODOR CORROSION INHIBITOR


- Prevents rust and corrosion for up to 9 months outdoors and 2 years indoors
- Resists dust and debris from adhering to treated surfaces
- Removable, when needed, using LPS® solvent degreasers: A-151, F-104®, or PreSolve®
- Low-odor formulation for improved worker comfort during application and drying
- Penetrates to displace moisture for deep protection
- Sets in as little as 5 minutes for outdoor storage and stays in place in extreme conditions
- Nonfood Compounds Program Listed Category Code: H2
Registration #163811 (Bulk)

NET CONTENTS	CONTAINER	LPS #
13 wt. oz./369 g/459 mL	aerosol	06122
5 gal. (18.93 L)	pail	06105
55 gal. (208 L)	drum	06155

ZINC-BASED CORROSION INHIBITORS


COLD GALVANIZE
CORROSION INHIBITOR


- Zinc-rich galvanized coating - 93% in final film
- Works like a hot-dip on ferrous metals indoors and out
- Maximum operating temperature of 350°F
- Commonly used as a flash rust preventive on welded areas
- Inhibits rust on steel under aggressive conditions
- Flexible coating will not yellow, chalk, crack, or peel
- Electrochemically protects bare metal
- Dries to touch in 5 minutes
- Conforms to ASTM A780

NET CONTENTS	CONTAINER	LPS #
14 wt. oz./397 g/336 mL	aerosol	00516


BRIGHTCOAT COLD GALVANIZE
CORROSION INHIBITOR


- Shiny zinc coating
- Prevents rust and corrosion on all metals
- Restores hot dip galvanizing
- Dries to touch in 5 minutes
- Repairs rusted, galvanized, and welded surfaces
- Electrochemically protects bare metal
- Heat resistant, flexible coating
- Will not yellow, chalk, crack, or peel
- Conforms to ASTM A780

NET CONTENTS	CONTAINER	LPS #
13 wt. oz./369 g/459 mL	aerosol	05916

*Protection may vary due to environmental conditions

PROTECTION LONGEVITY			
MONTHS	36		
	30		INDOORS 36
	24	INDOORS 24	OUTDOORS 24
	18		
	12		
6	OUTDOORS 9	OUTDOORS 9	INDOORS & OUTDOORS 12
	0		
		LPS 3	LCI
		COLD GALVANIZE	
		BRIGHTCOAT COLD GALVANIZE	
		WAX AND RESIN-BASED	
		ZINC-BASED	

SALT SPRAY RESISTANCE			
HOURS	1500		
	1000	1500 HRS. ON AMS 4037 ALUMINUM PER ASTM B-117	1500 HRS. ON AMS 4037 ALUMINUM PER ASTM B-117
	500		1000 HRS.
	0		974 HRS.
		LPS 3	LCI
		COLD GALVANIZE	
		BRIGHTCOAT COLD GALVANIZE	
		WAX AND RESIN-BASED	
		ZINC-BASED	

		NSF® REGISTERED	PAINTABLE	LOW ODOR	WATER-RESISTANT
WAX AND RESIN-BASED	LPS 3®	H2			●
	LCI	H2		●	●
ZINC-BASED	COLD GALVANIZE		●		●
	BRIGHTCOAT COLD GALVANIZE				●

NON-FLAMMABLE FAST DRYING SOLVENT DEGREASERS



INSTANT SUPER DEGREASER 2.0



- **NON-BROMINATED** – improved health and safety profile for increased worker safety and simplified employer compliance
- Rapidly removes dirt, grease and oil
- Non-flammable, fast-drying
- No Rinsing/No Residue
- Non-conductive
- Nonfood Compounds Program Listed Category Code: K1
Registration #151505 (Aerosol); #167810 (Bulk)

NET CONTENTS	CONTAINER	LPS #
20 wt. oz./567 g/432 mL	aerosol	07220
55 gal. (208 L)	drum	07255

FAST DRYING SOLVENT DEGREASERS



ZEROTRI® HEAVY-DUTY DEGREASER



- Instant degreasing action
- Safe to use on most surfaces
- Ideal for degreasing metals
- Excellent alternative to Methyl Ethyl Ketone (MEK)
- Nonfood Compounds Program Listed Category Code: C1
Registration #059845 (Aerosol); #059846 (Bulk)

CONTAINER	LPS #	LPS #
15 wt. oz./425 g/563 mL	aerosol	03520
1 gal. (3.78 L)	bottle	03528
5 gal. (18.93 L)	pail	03505
55 gal. (208 L)	drum	03555



EVR CLEAN AIR SOLVENT DEGREASER



- High solvent strength
- Instant cleaning action
- Excellent alternative to Methyl Ethyl Ketone (MEK)
- Ideal for cleaning metals
- No ozone depleting compounds
- VOC Compliant in all 50 states
- Nonfood Compounds Program Listed Category Code: C1
Registration #141139 (Aerosol)

NET CONTENTS	CONTAINER	LPS #
14 wt. oz./397 g/492 mL	aerosol	05220
5 gal. (18.93 L)	pail	05205
55 gal. (208 L)	drum	05255



TRIFREE BRAKE CLEANER



- Heavy-duty performance
- Instantly removes brake fluid, dust, grease, and oil
- Improves brake performance
- Helps stop disc brake squeal
- Powerful jet spray

NET CONTENTS	CONTAINER	LPS #
15 wt. oz./425 g/544 mL	aerosol	03620



U-10 BRAKE CLEANER



- Replaces harmful chlorinated and smog producing VOC solvents
- Instantly removes brake fluid, dust, grease, and oil
- Improves brake performance
- Helps stop disc brake squeal
- Powerful jet spray and high solvency
- Can be applied without disassembling the brake unit
- No ozone depleting chemicals
- No rinsing
- VOC Compliant in all 50 states

NET CONTENTS	CONTAINER	LPS #
14 wt. oz./397 g/501 mL	aerosol	06220

CITRUS-BASED DEGREASERS



PRESOLVE® ORANGE DEGREASER



- Ideal for removing grease, tars, & oil
- High performance industrial cleaner that cleans on contact
- Fast acting, deep penetration
- Safe on all metals and most plastics
- Controlled evaporation
- Flash point above 100°F (38°C)
- Nonfood Compounds Program Listed Category Code: C1
Registration #129025 (Aerosol); #059830 (Bulk)

NET CONTENTS	CONTAINER	LPS #
15 wt. oz./425 g/523 mL	aerosol	01420
20 fl. oz. (591 g) Trigger	trigger	01422
1 gal. (3.78 L)	bottle	01428
5 gal. (18.93 L)	pail	01405
55 gal. (208 L)	drum	01455



G-49™ ORANGE DEGREASER LOW VOCs



- Instant cleaning action
- Excellent for removing grease, grime, oil, and adhesives
- High solvent strength
- Moderate evaporation
- Excellent alternative to Methyl Ethyl Ketone (MEK)
- Ideal for cleaning equipment
- Nonfood Compounds Program Listed Category Code: C1
Registration #142147 (Aerosol)

NET CONTENTS	CONTAINER	LPS #
15 wt. oz./425 g/528 mL	aerosol	06420

MODERATE DRY TIME DEGREASERS



A-151 SOLVENT DEGREASER



- High flash point 158°F (70°C)
- VOC compliant in all 50 states
- Removes oil, grease, and other contaminants
- Ideal for parts washers, dip tanks, and ultrasonic cleaners
- Controlled evaporation
- Nonfood Compounds Program Listed Category Code: C1
Registration #059811 (Aerosol); #059812 (Bulk)

NET CONTENTS	CONTAINER	LPS #
15 wt. oz./425 g/498 mL	aerosol	04320
5 gal. (18.93 L)	pail	04305
55 gal. (208 L)	drum	04355



F-104° SOLVENT DEGREASER



- Heavy-duty degreaser with a 104°F (40°C) flash point
- Controlled evaporation
- Safe to use on all metals
- No rinsing
- Minimal residue

NET CONTENTS	CONTAINER	LPS #
15 wt. oz./425 g/532 mL	aerosol	04920
55 gal. (208 L)	drum	04955

POWER & TELECOMMUNICATION SOLVENT DEGREASERS



PF® SOLVENT



- A full strength, penetrating degreaser that removes grease and oil
- Specially formulated for power utility applications
- Compatible with power cables and components
- Flash point above 140°F (60°C)
- Does not contain chlorinated solvents such as trichloroethylene or perchloroethylene
- Can be used in parts washers, dip tanks, and ultrasonic cleaners
- Safe to use on most surfaces

NET CONTENTS	CONTAINER	LPS #
144 single wet wipes per case	wipes	61400
144 wet/dry wipes	wipes	61410
14 wt. oz./397 g/516 mL	aerosol	61420
32 fl. oz. (.946 L)	trigger	61432
1 gal.(3.78 mL)	bottle	61401
5 gal. (18.93 L)	pail	61405
55 gal. (208 L)	drum	61456



PF®-141 IG INDUSTRIAL GRADE SOLVENT



- Removes petroleum based oils such as stamping oils, cutting fluids, rust inhibitors, and cable pulling lubricants
- Will not attack most commercial resins, plastics, urethanes, and synthetic rubbers
- Flash point above 140°F (60°C)
- No ozone depletion potential
- Excellent for use in parts washers
- Non-corrosive to metals such as copper, aluminum, magnesium, and stainless steel

NET CONTENTS	CONTAINER	LPS #
55 gal. (208 L)	drum	62855

WATER-BASED DEGREASERS



PRECISION CLEAN MULTI-PURPOSE CLEANER/DEGREASER



- Super industrial strength removes tough stains and soils
- Does not contain butyl, chlorinated or petroleum solvents, bleach, ammonia, or abrasives
- Alkaline formula inhibits flash rusting
- Rinses clean
- Safe on most surfaces (Not for use with magnesium or aluminum)
- Nonfood Compounds Program Listed Category Code: C1 Registration #059854 (Bulk RTU); #168389 (Bulk Concentrate)
- Three formulations available: Aerosol, Concentrate, and Ready-to-use

NET CONTENTS	CONTAINER	pH	LPS #
READY-TO-USE			
18 wt. oz./510 g/524 mL	aerosol	12 - 13	02720
28 fl. oz. (828 mL) Trigger	trigger		02728
55 gal. (208 L)	drum		02765
CONCENTRATE			
1 gal. (3.78 L)	bottle	13 - 13.5	02701
5 gal. (18.93 L)	pail		02705
55 gal. (208 L)	drum		02755



PRECISION CLEAN AVIATION GRADE CLEANER/DEGREASER



- Dye free and non-corrosive
- Revitalizes the gloss and inherent shine like a just waxed surface
- Reduces drag & increases fuel efficiency
- Utilizes a biodegradable, low VOC formula which is compliant in all 50 states
- Conforms to Boeing D6-17487 & SAE AMS 1526C spec

NET CONTENTS	CONTAINER	pH	LPS #
READY-TO-USE			
28 fl. oz. (828 mL) Trigger	trigger	10 - 11	92728
CONCENTRATE			
1 gal. (3.78 L)	bottle	10 - 11	92701
5 gal. (18.93 L)	pail		92705
55 gal. (208 L)	drum		92755



T-91™ NON-SOLVENT DEGREASER



- Premium performance cleaning ability
- VOC compliant in all 50 states
- Efficient: requires less product than traditional solvents to get the job done
- Ideal for traditional solvent cleaning in plastic basin style parts washers, and dip tanks
- Nonfood Compounds Program Listed Category Code: A1 Registration #141975 (Bulk)
- Moderate foam for effective mechanical cleaning

NET CONTENTS	CONTAINER	pH	LPS #
28 fl. oz. (828 mL) Trigger	trigger	9 - 10	06328
1 gal. (3.78 L)	bottle		06301
55 gal. (208 L)	drum		06355

TECHNICAL PROPERTIES

DI-ELECTRIC STRENGTH									
A-151				36					
BFX ¹	NOT APPLICABLE								
EFX ¹	NOT APPLICABLE								
EVR	NOT APPLICABLE								
F-104°			32						
G-49™	NOT APPLICABLE								
HDX ¹			30						
INSTANT SUPER DEGREASER 2.0	NOT APPLICABLE								
PF [®] -141 IG				45					
PF [®] SOLVENT			39						
PRECISION CLEAN	NOT APPLICABLE								
PRECISION CLEAN AVIATION GRADE	NOT APPLICABLE								
PRESOLVE [®]			32						
T-91™	NOT APPLICABLE								
TRIFREE	NOT APPLICABLE								
U-10	NOT APPLICABLE								
ZEROTRI [®]	NOT APPLICABLE								
	KV (KILOVOLTS)	10	20	30	40	50	60	70	90

Kb VALUE									
A-151				72					
BFX ¹	NOT APPLICABLE								
EFX ¹		48							
EVR	NOT APPLICABLE								
F-104°		50							
G-49™			125						
HDX ¹				163					
INSTANT SUPER DEGREASER 2.0			100						
PF [®] -141 IG		27							
PF [®] SOLVENT		25							
PRECISION CLEAN	NOT APPLICABLE								
PRECISION CLEAN AVIATION GRADE	NOT APPLICABLE								
PRESOLVE [®]		53							
T-91™	NOT APPLICABLE								
TRIFREE			124						
U-10	NOT APPLICABLE								
ZEROTRI [®]			124						
	Kb	20	40	60	80	100	120	140	

WATER-BASED DEGREASERS: pH VALUE

BFX ¹												11 - 12							
PRECISION CLEAN	READY-TO-USE													12 - 13					
	CONCENTRATE															13 - 13.5			
PRECISION CLEAN AVIATION GRADE	READY-TO-USE										10 - 11								
	CONCENTRATE										10 - 11								
T-91™										9 - 10									
	pH	1	2	3	4	5	6	7	8	9	10	11	12	13	14				

FLASHPOINT

A-151																158°F (70°C)						
BFX ¹	WATER-BASED: NOT APPLICABLE																					
EFX ^(H)				21°F (-6°C)																		
EVR		-4°F (-20 °C)																				
F-104°										104°F (40°C)												
G-49™		<0°F (-18°C)																				
HDX ¹	NON-FLAMMABLE																					
INSTANT SUPER DEGREASER 2.0	NON-FLAMMABLE																					
PF [®] -141 IG																142°F (61°C)						
PF [®] SOLVENT																142°F (61°C)						
PRECISION CLEAN	WATER-BASED: NOT APPLICABLE																					
PRECISION CLEAN AVIATION GRADE	WATER-BASED: NOT APPLICABLE																					
PRESOLVE [®]										104°F (40°C)												
T-91™	WATER-BASED: NOT APPLICABLE																					
TRIFREE		1.4°F (-17°C)																				
U-10		1.4°F (-17°C)																				
ZEROTRI [®]		1.4°F (-17°C)																				
	°F	0°	10°	20°	30°	40°	50°	60°	70°	80°	90°	100°	110°	120°	130°	140°	150°	160°	170°	180°	190°	200°
	°C	-18°	-12°	-7°	-1°	4°	10°	16°	21°	27°	32°	38°	43°	49°	54°	60°	66°	71°	77°	82°	88°	93°

	VOC STATUS			NSF [®] REGISTERED	BIODEGRADABLE	NON-FLAMMABLE	NON-CONDUCTIVE	FAST EVAPORATING	NO CHLORINATED SOLVENTS
	CARB		OTC						
	CA	DC, IL, IN, MA, ME, NJ, PA, & VA	CO, CT, DE, MD, MI, NY, OH, RI, NH, & UT						
A-151	Compliant	Compliant	Compliant	G1			●		●
BFX ¹	Compliant	Compliant	Compliant	G1		●			●
EFX ¹	MUO*	MUO*	MUO*					●	●
EVR	Compliant	Compliant	Compliant	G1				●	●
F-104°	MUO*	MUO*	MUO*				●		●
G-49™	Compliant	Compliant	Compliant	G1				●	●
HDX ¹	MUO*	MUO*	MUO*	K1		●	●	●	
INSTANT SUPER DEGREASER 2.0	MUO*	MUO*	MUO*	K1		●	●	●	
PF [®] -141 IG	MUO*	MUO*	MUO*				●		●
PF [®] SOLVENT	MUO*	MUO*	MUO*				●		●
PRECISION CLEAN	Compliant	Compliant	Compliant	G1		●			●
PRECISION CLEAN AVIATION GRADE	Compliant	Compliant	Compliant		●	●			●
PRESOLVE [®]	MUO*	MUO*	MUO*	G1			●		●
T-91™	Compliant	Compliant	Compliant	A1	●	●			●
TRIFREE	Non-Compliant	Compliant	Non-Compliant					●	●
U-10	Compliant	Compliant	Compliant					●	●
ZEROTRI [®]	MUO*	MUO*	MUO*	G1				●	●

¹BFX, EFX¹, & HDX products on page 20 • *Manufacturing Use Only (MUO): Product can be sold to manufacturers but not to the general public

ELECTRONIC CLEANERS

NON-FLAMMABLE & VOC COMPLIANT ELECTRONIC CLEANERS



Non-brominated - improved health and safety profile for increased worker safety and simplified employer compliance



NOFLASH® 2.0 ELECTRO CONTACT CLEANER



- 2.0 formulation is bromine free for improved health & safety profile and simplified employer compliance
- Fast Evaporating formula
- No Rinsing/No Residue/Non-Conductive
- Nonfood Compounds Program Listed Category Code: K2 Registration #151504 (Aerosol)

NET CONTENTS	CONTAINER	LPS #
12 wt. oz./340 g/268 mL	aerosol	07416



REVO 66 CONTACT CLEANER



- Unique alternative to HCFC cleaners
- Does not contain brominated solvents
- Ideal for removing dirt, moisture, flux, or oxides from the internal components of electronic equipment
- Quick penetration
- Nonfood Compounds Program Listed Category Code: K2 Registration #140245 (Aerosol)

NET CONTENTS	CONTAINER	LPS #
12 wt. oz./340 g/279 mL	aerosol	04416

*Known as CFC Free Premium Solvent



PLASTIC SAFE

ELECTRO CONTACT CLEANER



- Quick penetration
- Does not contain HCFCs
- Ideal for electronic and fine parts
- Removes light greases, oils, dirt, and organic soils
- Nonfood Compounds Program Listed Category Code: K2 Registration #167853 (Aerosol)



NET CONTENTS	CONTAINER	LPS #
14 wt. oz./397 g/301mL	aerosol	00416



PLASTIC SAFE

PLASTIC SAFE ELECTRICAL CLEANER



- Formulated for contact cleaning
- Does not contain HCFCs
- Nonfood Compounds Program Listed Category Code: K2 Registration #167855 (Aerosol)



NET CONTENTS	CONTAINER	LPS #
18 wt. oz./510 g/412 mL	aerosol	04620

SAFE ON CIRCUIT BOARDS AND ELECTRONIC COMPONENT CLEANERS



PLASTIC SAFE



CFC FREE NU
CONTACT CLEANER



- Ideal for electronic and fine parts
- Penetrating action removes dirt, flux, moisture, dust, oxides, and other contaminants
- Nonfood Compounds Program Listed Category Code: K2 Registration #142024 (Aerosol)
- VOC Compliant in all 50 states

NET CONTENTS	CONTAINER	LPS #
11 wt. oz./312 g/416 mL	aerosol	05416



PLASTIC SAFE



CFC FREE
ELECTRO CONTACT CLEANER



- Cleans and degreases delicate precision mechanisms
- Penetrating action removes oil, grease, dirt, flux, and other contaminants
- Nonfood Compounds Program Listed Category Code: K2 Registration #059813 (Aerosol); #059814 (Bulk)

NET CONTENTS	CONTAINER	LPS #
11 wt. oz./312 g/465 mL	aerosol	03116
1 gal. (3.78 L)	bottle	03101*
5 gal. (18.93 L)	pail	03105*
55 gal. (208 L)	drum	03155*

*Known as CFC Free Premium Solvent



PLASTIC SAFE



ELECTRO 140°
CONTACT CLEANER



- Flash point above 140°F (60°C)
- Superior wetting and penetrating action
- Controlled evaporation
- Safe to use on most surfaces

NET CONTENTS	CONTAINER	LPS #
11 wt. oz./312 g/389 mL	aerosol	00916

TECHNICAL PROPERTIES

DI-ELECTRIC STRENGTH										
CFC FREE	NOT APPLICABLE									
CFC FREE NU	NOT APPLICABLE									
ELECTRA-X 2.0 ¹								43.1		
ELECTRO 140°							36			
ELECTRO CONTACT CLEANER							39.2			
MICRO-X ¹	NOT APPLICABLE									
MICRO-X NU ¹	NOT APPLICABLE									
NOFLASH® 2.0								43.1		
PLASTIC SAFE ELECTRICAL CLEANER							39.2			
REVO 66								43.1		
KV (KILOVOLTS)	5	10	15	20	25	30	35	40	45	50

|||||

ELECTRONIC CLEANER RELATIVE SOLVENT STRENGTH		
	MILD	STRONG
CFC FREE	●	
CFC FREE NU	●	
ELECTRA-X 2.0 ¹		●
ELECTRO 140°		●
ELECTRO CONTACT CLEANER	●	
MICRO-X ¹	●	
MICRO-X NU ¹	●	
NOFLASH® 2.0		●
PLASTIC SAFE ELECTRICAL CLEANER	●	
REVO 66		●

|||||

		VOC STATUS			NSF® REGISTERED	PLASTIC SAFE	NON-FLAMMABLE	NON-CONDUCTIVE	FAST EVAPORATING	NO CHLORINATED SOLVENTS
		CARB	OTC							
		CA	DC, IL, IN, MA, ME, NJ, PA, & VA	CO, CT, DE, MD, MI, NY, OH, RI, NH, & UT						
CFC FREE	Aerosol	Non-Compliant	Non-Compliant	Non-Compliant	K2	●			●	●
	Bulk	Non-Compliant	Not Regulated	Non-Compliant						
CFC FREE NU		Compliant	Compliant	Compliant	K2	●			●	●
ELECTRA-X 2.0 ¹		Compliant	Compliant	Compliant	K2		●	●	●	
ELECTRO 140°		Compliant	Compliant	Compliant		●		●		●
ELECTRO CONTACT CLEANER		Compliant	Compliant	Compliant	K2	●		●	●	
MICRO-X ¹	Aerosol	Non-Compliant	Non-Compliant	Non-Compliant	K2	●			●	●
	Bulk	Non-Compliant	Not Regulated	Non-Compliant						
MICRO-X NU ¹		Compliant	Compliant	Compliant	K2	●			●	●
NOFLASH® 2.0		Compliant	Compliant	Compliant	K2		●	●	●	
PLASTIC SAFE ELECTRICAL CLEANER		Compliant	Compliant	Compliant	K2	●	●	●	●	
REVO 66		Compliant	Compliant	Compliant	K2		●	●	●	

¹Electra-X 2.0, Micro-X & Micro-X NU products on page 21

LITHIUM COMPLEX GREASES

THICKENER TYPE: LITHIUM COMPLEX



MULTI-PURPOSE BEARING GREASE



- Long life
- Excellent load carrying properties
- Extends relubrication periods
- Prolongs bearing life
- Good corrosion resistance
- Ideal for lubricating all types of bearings
- Reduces grease consumption

NET CONTENTS	CONTAINER	LPS #
14.1 oz. (400 g)	cartridges	70614

PROPERTIES:

Appearance: **Blue** colored paste
 Temperature Range: **-10°F (-23°C) to 350°F (177°C)**
 Dropping Point: **500°F (260°C)**
 4-Ball Weld Load: **315 Kg**
 Timken "OK" Load: **50 lbs.**

THICKENER TYPE: LITHIUM COMPLEX



HI-TEMP BEARING GREASE



- Reduces risk of bearing failure at high temperatures
- Excellent high temperature performance
- Resists carbonization at high temperatures
- Extends relubrication intervals
- Very high dropping point
- Ensures optimal production rates
- Excellent vibration resistance
- Reduces grease consumption

PROPERTIES:

Appearance: **Brown** colored paste
 Temperature Range: **-15°F (-26°C) to 392°F (200°C)**
 Dropping Point: **525°F (274°C)**
 4-Ball Weld Load: **400 Kg**
 Timken "OK" Load: **60 lbs.**

NET CONTENTS	CONTAINER	LPS #
14.1 oz. (400 g)	cartridges	70214
16 gal. (120 lbs.)	keg	70235

THICKENER TYPE: LITHIUM COMPLEX



HI-LOAD BEARING GREASE



- Excellent load carrying properties
- Withstands shock loading
- Reduces wear from vibration
- Contains 3% moly
- Good corrosion resistance
- Excellent anti-wear properties
- Wide operating temperature range
- Reduces maintenance costs

PROPERTIES:

Appearance: **Black** colored paste
 Temperature Range: **-10°F (-23°C) to 350°F (177°C)**
 Dropping Point: **500°F (260°C)**
 4-Ball Weld Load: **620 Kg Minimum**
 Timken "OK" Load: **55 lbs.**

NET CONTENTS	CONTAINER	LPS #
14.1 oz. (400 g)	cartridges	70414

ALUMINUM COMPLEX & CALCIUM SULFONATE GREASES

THICKENER TYPE: CALCIUM SULFONATE



CS MOLY BEARING GREASE



- Enhanced with 5% molybdenum disulfide
- Reduces wear from vibration
- Prolongs bearing life
 - Outstanding extreme pressure (EP) performance
 - Superior rust and corrosion protection
 - Exceptional water resistance
- Multi-application bearing grease
- Extends relubrication intervals for bearings
- Excellent oxidation stability

PROPERTIES:

Appearance: **Gray/Black** colored paste
 Temperature Range: **-10°F (-23°C) to 450°F (232°C)**
 Dropping Point: **620°F (327°C)**
 4-Ball Weld Load: **800 Kg Minimum**
 Timken "OK" Load: **60 lbs.**

NET CONTENTS	CONTAINER	LPS #
14.1 oz. (400 g)	cartridges	70814

THICKENER TYPE: ALUMINUM COMPLEX



AQUA BEARING GREASE



- Excellent resistance to fresh and salt water
- Resists water washout
- Good adhesion properties
- Excellent corrosion resistance
- Significant load carrying capability
- Reduces wear
- Reduces grease consumption
- Greater degree of bearing protection

PROPERTIES:

Appearance: **Amber** colored paste
 Temperature Range: **-10°F (-23°C) to 350°F (177°C)**
 Dropping Point: **500°F (260°C)**
 4-Ball Weld Load: **400 Kg**
 Timken "OK" Load: **60 lbs.**

NET CONTENTS	CONTAINER	LPS #
14.1 oz. (400 g)	cartridges	70514

AEROSOL GREASES

THICKENER TYPE: ALUMINUM COMPLEX



CLEAR PENETRATING GREASE



- High tack
- Quick penetrating action
- Resists water washout
- Temperature range: 0°F (-18°C) to 400°F (204°C)
- Protects against corrosion

NET CONTENTS	CONTAINER	LPS #
11 wt. oz./312 g/381 mL	aerosol	06716

PROPERTIES:

Appearance: **Translucent**
 Temperature Range: 0°F (-18°C) to 400°F (204°C)
 Dropping Point (Base Grease): 500°F (260°C)
 4-Ball Weld Load: 126 Kg
 Timken "OK" Load: 45 lbs.

THICKENER TYPE: INORGANIC (NON-MELTING)



RED & REDI MULTI-PURPOSE RED GREASE



- Reduces friction and vibration at extreme pressures and temperatures
- Red color is highly visible during and after lubrication
- Prevents rust, corrosion, and oxidation
- Water resistant formula prevents water washout
- Resists shock
- Non-melting
- NLGI Grade 2



PROPERTIES:

Appearance: **Red**
 Temperature Range: 10°F (-12°C) to 525°F (274°C)
 Dropping Point: **None (non-melt)**
 4-Ball Weld Load: 205 Kg.
 Timken "OK" Load: 60 lbs.

NET CONTENTS	CONTAINER	LPS #
11 wt. oz./312 g/451 mL	aerosol	05816

THICKENER TYPE: LITHIUM



WHITE LITHIUM GREASE



- Rapidly forms into a pure white grease that will not melt or wash away
- Provides maximum lubrication
- Rust and oxidation inhibitors protect metal
- Pure white color allows easy visual inspection
- Heat and water-resistant



PROPERTIES:

Appearance: **White**
 Dropping Point (Base Grease): 390°F (199°C)
 4-Ball Weld Load: 100 Kg

NET CONTENTS	CONTAINER	LPS #
10 wt. oz./284 g/418 mL	aerosol	03816

TECHNICAL PROPERTIES

TEMPERATURE RANGE																
LITHIUM COMPLEX GREASES	MULTI-PURPOSE		-10°F (-23°C)							350°F (177°C)						
	HI-TEMP		-15°F (-26°C)							392°F (200°C)						
	HI-LOAD		-10°F (-23°C)							350°F (177°C)						
ALUMINUM COMPLEX & CALCIUM SULFONATE GREASES	CS MOLY		-10°F (-23°C)								450°F (232°C)					
	AQUA		-10°F (-23°C)							350°F (177°C)						
AEROSOLS	CLEAR PENETRATING GREASE		0°F (-18°C)							400°F (204°C)						
	RED & REDI		-10°F (-23°C)										525°F (274°C)			
	WHITE LITHIUM	NOT DETERMINED														
		°F	-100°	-50°	0°	50°	100°	150°	200°	250°	300°	350°	400°	450°	500°	550°
		°C	-73°	-45°	-18°	10°	38°	65°	93°	121°	149°	177°	204°	232°	260°	288°

TIMKEN "OK" LOAD											
LITHIUM COMPLEX GREASES	MULTI-PURPOSE					50					
	HI-TEMP						60				
	HI-LOAD						55				
ALUMINUM COMPLEX & CALCIUM SULFONATE GREASES	CS MOLY						60				
	AQUA						60				
AEROSOLS	CLEAR PENETRATING GREASE					45					
	RED & REDI						60				
	WHITE LITHIUM	NOT DETERMINED									
POUNDS (LBS.)		10	20	30	40	50	60	70	80	90	100

4-BALL WELD LOAD											
LITHIUM COMPLEX GREASES	MULTI-PURPOSE			315							
	HI-TEMP			400							
	HI-LOAD					620					
ALUMINUM COMPLEX & CALCIUM SULFONATE GREASES	CS MOLY							800			
	AQUA			400							
AEROSOLS	CLEAR PENETRATING GREASE	126									
	RED & REDI		205								
	WHITE LITHIUM	100									
KILOGRAMS (KG)		100	200	300	400	500	600	700	800	900	1000

							THICKENER TYPE				
		GREASE COLOR	PTFE	NON FLAMMABLE	CONTAINS MOLY	WATER RESISTANT	ALUMINUM COMPLEX	CALCIUM SULFONATE	LITHIUM COMPLEX	LITHIUM	SYNTHETIC
LITHIUM COMPLEX GREASES	MULTI-PURPOSE	BLUE		●					●		
	HI-TEMP	BROWN		●					●		
	HI-LOAD	BLACK		●	●				●		
ALUMINUM COMPLEX & CALCIUM SULFONATE GREASES	CS MOLY	GREY/BLACK		●	●	●		●			
	AQUA	AMBER		●		●	●				
AEROSOLS	CLEAR PENETRATING GREASE	CLEAR	●			●	●				
	RED & REDI	RED				●					●
	WHITE LITHIUM	WHITE				●				●	

FORMULATED FOR ALL METALS



TAPMATIC® #1 GOLD CUTTING FLUID



- Great for all metals including aluminum
- Requires less product usage than traditional cutting fluids
- Does not contain chlorinated paraffins
- Reduces cutting torque and improves cutting efficiency
- Does not contain water, solvents, or inactive fillers
- Excellent for tapping applications

NET CONTENTS	CONTAINER	LPS #
11 wt. oz./312 g/344 mL	aerosol	40312
16 fl. oz. (473 mL)	bottle	40320
1 gal. (3.78 L)	bottle	40330
5 gal. (18.93 L)	pail	40340

FOR COOLING

TAPMATIC® AQUACUT CUTTING FLUID



- Water-based formula
- Excellent in applications where cooling of the tool is desired
- Non-hazardous
- Does not contain sulfur, chlorine, or oils
- Safe on all metals, except magnesium
- Corrosion inhibitors prevent flash rusting
- Provides fine finishes
- Cinnamon scent



NET CONTENTS	CONTAINER	LPS #
16 fl. oz. (473 mL)	bottle	01216
1 gal. (3.78 L)	bottle	01228
5 gal. (18.93 L)	pail	01205



TAPMATIC® NATURAL CUTTING FLUID



- Non-hazardous
- Does not irritate the skin, eyes, or respiratory tract
- Does not contain sulfur, chlorine, water, mineral oil, or inactive fillers
- Great for steel and aluminum
- High performance lubricating ability eliminates galling and seizing
- Safe on all metals

NET CONTENTS	CONTAINER	LPS #
16 fl. oz. (473 mL)	bottle	44220
1 gal. (3.78 L)	bottle	44230
5 gal. (18.93 L)	pail	44240

FORMULATED FOR ALUMINUM CUTTING FLUID

TAPMATIC® DUAL ACTION PLUS #2 CUTTING FLUID



- Designed especially for machining aluminum
- Provides superior extreme pressure lubricity in machining aluminum and its alloys
- Reduces friction and eliminates chip welding
- Improves surface finish and extends tool life



NET CONTENTS	CONTAINER	LPS #
16 fl. oz. (473 mL)	bottle	40220
1 gal. (3.78 L)	bottle	40230

FORMULATED FOR HARD-TO-MACHINE METALS

TAPMATIC® TRICUT CUTTING FLUID



- Excellent for stainless steel and other hard to machine metals
- Extends tool life
- Provides smooth, accurate cutting action
- Flows directly to cutting edge
- Improves surface finish
- Reduces friction
- Suitable for high and low speed applications
- Non-corrosive to steel
- Not recommended for aluminum



NET CONTENTS	CONTAINER	LPS #
16 fl. oz. (473 mL)	bottle	05316
1 gal. (3.78 L)	bottle	05328

EDGE CUTTING LUBRICANTS

EXCELLENT FOR BAND SAWS

TAPMATIC® EDGE LUBE
CUTTING LUBRICANT

- White, solid, waxy bar
- Excellent for belt, wheel or disc grinding, and sawing applications
- Eliminates heat build-up and belt loading
- Does not contain any hazardous chemicals
- Extends grinding wheel life
- Low toxicity

NET CONTENTS	CONTAINER	LPS #
13 oz. (369 g)	bars	43200

ENGINEERED FOR PIPE-BENDING AND CUTTING

TAPMATIC® EDGE CREME
CUTTING LUBRICANT

- Excellent for vertical applications
- Squeeze tube allows easy application
- For use when drilling, tapping blind holes, forming, bending, pre-coating fasteners, and lubricating rubber seals
- Does not contain any hazardous chemicals
- Ecological and economical
- Safe on all metals
- Can be applied to cutting tools before tapping or reaming

NET CONTENTS	CONTAINER	LPS #
10 fl. oz. (296 mL)	tubes	43100

TECHNICAL PROPERTIES

			CUTTING FLUIDS					CUTTING LUBRICANTS	
			#1 GOLD	NATURAL	AQUACUT	TRICUT	DUAL ACTION PLUS #2	EDGE LUBE	EDGE CREME
METALS	NON-FERROUS METALS	ALUMINUM	●	●	●		●	●	●
		FORMED ALUMINUM	●	●	●		●		●
		BISMUTH		●	●				
		BRASS	●	●	●		●	●	●
		BRONZE	●	●	●		●	●	●
		CADMIUM	●		●				
		CHROMIUM	●	●	●	●			
		COPPER	●	●	●		●	●	●
		GOLD	●	●	●		●	●	●
		LEAD	●	●	●		●	●	●
		MAGNESIUM	●	●					
		MOLYBDENUM				●			
		NICKEL				●	●		
		PLATINUM	●						
		SILVER	●	●	●		●	●	●
		TIN	●	●	●		●	●	●
		TITANIUM		●		●			
		TUNGSTEN	●	●				●	●
		ZINC	●		●	●		●	●
	FERROUS METALS	CAST IRON	●			●			
		STEEL	●			●			
		HIGH TENSILE STEEL	●			●			
		STAINLESS STEEL				●			
	OTHER MATERIALS	CERAMICS							●
		PLASTICS							●
APPLICATION TYPES	DEEP HOLE DRILLING, BORING, GUN DRILLING		●	●	●		●		
	DRILLING, MILLING, PLANING, REAMING, SHAPING, TURNING		●						
	GRINDING		●		●		●	●	
	HOBBIING, GEAR CUTTING & SHAPING			●					
	PIPE THREADING		●						
	PUNCHING & NIBBLING			●		●			●
	SAWING		●					●	
	SHEARING & CUTTING					●			●
	STAMPING & FORMING			●		●			●
	TAPPING		●	●		●			
FEATURES & BENEFITS	COOLING EFFECT				●				
	HIGH SPEED MACHINING				●	●			
	MID SPEED MACHINING		●	●	●	●	●	●	●
	LOW SPEED MACHINING		●	●			●	●	●

MISCELLANEOUS MRO PRODUCTS



STRONG STEEL STICKS RENEWAL COMPOSITE



- Hand-kneadable epoxy, ready-to-use stick for fast emergency repairs
- Can be machined, drilled, tapped, and painted in 60 minutes
- Plugs and seals leaks
- Permanently fills gaps and holes in metal, concrete, wood, fiberglass, and ceramics
- Patches holes and cracks in pipes, drums, and tanks
- Can be used for underwater repairs

NET CONTENTS	CONTAINER	LPS #
4 oz. (114 g)	tube	60159



WORKPLACE HAND CLEANER TOWELS



- Uniformly premoistened towel
- Deep cleaning, non-scratching abrasives quickly remove embedded dirt and grime
- Fast acting
- Disposable
- Eliminates the need for soap, water, and a sink
- Improves workplace productivity by reducing costly clean-up time
- Does not require water
- Easy to carry and store
- Convenient

NET CONTENTS	CONTAINER	LPS #
Bucket of 72 towels	bucket	09200



QB PRECISION DUSTER



- Quick blast precision duster removes contaminants, dirt, dust, and other soils
- Excellent for use on electronics and delicate mechanisms
- Moisture free

NET CONTENTS	CONTAINER	LPS #
12 wt. oz./340 g/281 mL	aerosol	05710



EMPTY TRIGGER BOTTLE

- Adjustable spray stream to ensure proper application
- Ergonomic, 3 finger trigger to reduce finger fatigue
- Durable bottle construction and chemically resistant trigger

CONTAINER SIZE	CONTAINER	LPS #
22 fl. oz. (650 mL) Trigger	trigger	09120

CABLE GEL CLEANERS



D'GEL® CABLE GEL SOLVENT



- Removes cable gels, icky pic, blocking compounds, flooding and filling compounds, grease, tar, oil, petroleum, polyethylene, and silicone based gels
- Preferred by Telecom workers
- Flash point above 140°F (60°C)
- Bellcore tested for complete compatibility with Telco components
- Safe on cable insulation and components, metals, and most plastics
- No ozone depletion potential
- Rinses off with water

NET CONTENTS	CONTAINER	LPS #
144 single towels per case	wipe	61244
32 oz. bottle (946 mL)	bottle	61232
1 gal. (3.78 L)	bottle	61201
55 gal. (208 L)	drum	61255
3 qt. bags	pail	61296



D'GEL®-FO FIBER OPTIC CABLE GEL REMOVER WIPE



- Compatible with fiber optic cable components and accessories
- Cleans all contaminants from glass fiber
- Field proven since 1989 by cable manufacturers, telephone companies, and contractors
- Evaporates completely leaving no residue
- Flash point above 140°F (60°C)
- Worker friendly
- No ozone depletion potential

NET CONTENTS	CONTAINER	LPS #
144 single towels per case	wipe	61200

LUBRICANT



WET FILM LUBRICANT



TKX® ALL-PURPOSE LUBRICANT



- Loosens rusted or frozen parts
- Protects against corrosion
- High flash point of 160°F (71°C)
- Nonfood Compounds Program Listed Category Code: H2
Registration #059842 (Aerosol); #059843 (Bulk)

NET CONTENTS	CONTAINER	LPS #
11 wt. oz./312 g/368 mL	aerosol	02016
20 fl. oz. (591 mL) Trigger	trigger	02022
1 gal. (3.78 L)	bottle	02028
5 gal. (18.93 L)	pail	02005
55 gal. (208 L)	drum	02055

INDUSTRIAL DEGREASERS



EFX® SOLVENT DEGREASER



- Fast-acting, heavy-duty solvent that degreases and cleans in a single operation
- Power blast spray instantly removes oil, grease, wax, dirt, tar, and other contaminants
- Ideal for cleaning metals and most plastics

NET CONTENTS	CONTAINER	LPS #
15 wt. oz./425 g/588 mL	aerosol	01820
55 gal. (208 L)	drum	01855



HDX HEAVY-DUTY DEGREASER



- Heavy-duty action removes oil, grease, wax, dirt, moisture, tar, and other contaminants
- Nonfood Compounds Program Listed Category Code: K1
Registration #059809 (Aerosol); #059810 (Bulk)

NET CONTENTS	CONTAINER	LPS #
19 wt. oz./539 g/376 mL	aerosol	01020
5 gal. (18.93 L)	pail	01005
55 gal. (208 L)	drum	01055



BFX ALL-PURPOSE CLEANER



- Water-based
- Non-corrosive
- Industrial strength for hard to remove grease and oil
- Rinses clean
- Ideal for parts washers and pressure washers
- Safe on most surfaces except magnesium
- Nonfood Compounds Program Listed Category Code: C1
Registration #130101 (Bulk)

NET CONTENTS	CONTAINER	pH	LPS #
28 fl. oz. (828 mL) Trigger	trigger	11 - 12	05528
1 gal. (3.78 L)	bottle		05501
55 gal. (208 L)	drum		05555

ELECTRONIC CLEANERS



NEXT GENERATION 2.0 FORMULA

NON-BROMINATED for improved health risk for increased worker safety and compliance



ELECTRA-X 2.0 CONTACT CLEANER

CARB ✓ OTC ✓ NON HAZ COND NF FAST NO RES K2

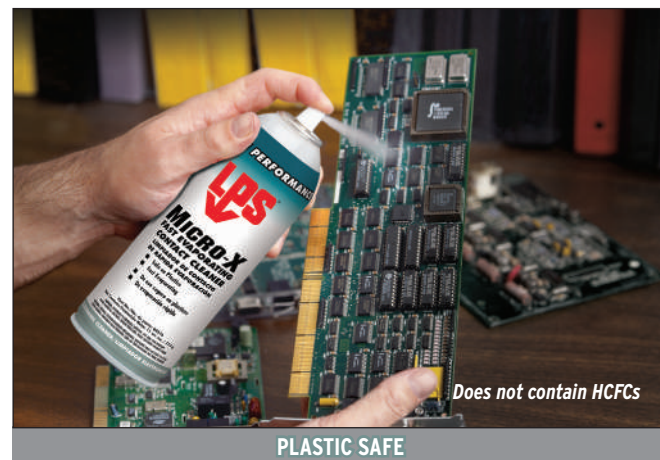
- Non-Flammable & Non-Conductive: Can be used on or near energized electronic equipment; reduces downtime
- Fast Evaporating formulation for quickened clean-up time
- No Rinsing/No Residue
- Nonfood Compounds Program Listed Category Code: K2 Registration #168669 (Aerosol)

NET CONTENTS	CONTAINER	LPS #
12 wt. oz./340 g/265 mL	aerosol	07316



Fast Evaporating formulation for quickened clean-up time

PLASTIC SAFE



Does not contain HCFCs

PLASTIC SAFE



MICRO-X NU FAST EVAPORATING CONTACT CLEANER

CARB ✓ OTC ✓ NO CHLOR SOLV PLASTIC SAFE FAST NO RES LO ODOR NSF K2

- Contains NO Chlorinated solvents, safe on plastics
- Removes dirt, flux, moisture, dust, oxides, and other contaminants
- Ideal for electronic and fine parts
- Quick Penetration
- VOC Compliant in all 50 states
- Nonfood Compounds Program Listed Category Code: K2 Registration #142149 (Aerosol)

NET CONTENTS	CONTAINER	LPS #
11 wt. oz./312 g/416 mL	aerosol	06616



MICRO-X FAST EVAPORATING CONTACT CLEANER

NON CHLOR SOLV PLASTIC SAFE FAST NO RES LO ODOR NSF K2

- Quick penetration
- No rinsing required
- Nonfood Compounds Program Listed Category Code: K2 Registration #059853 (Aerosol); #059852 (Bulk)

NET CONTENTS	CONTAINER	LPS #
11 wt. oz./312 g/465 mL	aerosol	04516
55 gal. (208 L)	drum	04555*

*Known as Micro-X Value Solvent

LPS #	PRODUCT NAME	Pg #	LPS #	PRODUCT NAME	Pg #	LPS #	PRODUCT NAME	Pg #
00105	LPS 1®	2	02908	Copper Anti-Seize	4	07220	Instant Super Degreaser 2.0	7
00116	LPS 1®	2	02910	Copper Anti-Seize	4	07255	Instant Super Degreaser 2.0	7
00122	LPS 1®	2	02916	Copper Anti-Seize	4	07416	NoFlash® 2.0	11
00155	LPS 1®	2	03101	CFC Free	12	09120	Empty Trigger Bottle	19
00205	LPS 2®	2	03105	CFC Free	12	09200	WorkPlace Towels	19
00216	LPS 2®	2	03116	CFC Free	12	40220	Tapmatic® DA #2	17
00222	LPS 2®	2	03128	LPS 3®	6	40230	Tapmatic® DA #2	17
00255	LPS 2®	2	03155	CFC Free	12	40312	Tapmatic® #1 Gold	17
00305	LPS 3®	6	03505	ZeroTri®	7	40320	Tapmatic® #1 Gold	17
00316	LPS 3®	6	03520	ZeroTri®	7	40330	Tapmatic® #1 Gold	17
00322	LPS 3®	6	03528	ZeroTri®	7	40340	Tapmatic® #1 Gold	17
00355	LPS 3®	6	03555	ZeroTri®	7	43100	Tapmatic® Edge Crème	18
00416	Electro Contact Cleaner	11	03620	TriFree	7	43200	Tapmatic® Edge Lube	18
00516	Cold Galvanize	6	03816	White Lithium	15	44220	Tapmatic® Natural	17
00605	Magnum	2	03908	Nickel Anti-Seize	4	44230	Tapmatic® Natural	17
00616	Magnum	2	03910	Nickel Anti-Seize	4	44240	Tapmatic® Natural	17
00916	Electro 140°	12	04108	All-Purpose Anti-Seize	4	60159	Strong Steel Stick	19
01128	LPS 1®	2	04110	All-Purpose Anti-Seize	4	61200	D'Gel®-FO	19
01205	Tapmatic® AquaCut	17	04305	A-151	8	61201	D'Gel®	19
01216	Tapmatic® AquaCut	17	04320	A-151	8	61232	D'Gel®	19
01228	Tapmatic® AquaCut	17	04355	A-151	8	61244	D'Gel®	19
01405	PreSolve®	8	04416	REVO 66	11	61255	D'Gel®	19
01420	PreSolve®	8	04620	Plastic Safe Electrical Cleaner	11	61296	D'Gel®	19
01422	PreSolve®	8	04920	F-104°	8	61400	PF® Solvent	8
01428	PreSolve®	8	04955	F-104°	8	61401	PF® Solvent	8
01455	PreSolve®	8	05205	EVR	7	61405	PF® Solvent	8
01505	Heavy-Duty Silicone	3	05220	EVR	7	61410	PF® Solvent	8
01516	Heavy-Duty Silicone	3	05255	EVR	7	61420	PF® Solvent	8
01616	Dry Film Silicone	3	05316	Tapmatic® TriCut	17	61432	PF® Solvent	8
01916	LST	4	05328	Tapmatic® TriCut	17	61456	PF® Solvent	8
01955	LST	4	05416	CFC Free NU	12	62855	PF®-141 IG	8
02128	LPS 2®	2	05710	OB Duster	19	70214	Hi-Temp	14
02316	KB 88	4	05816	Red & Redi	15	70235	Hi-Temp	14
02322	KB 88	4	05916	BrightCoat	6	70414	Hi-Load	14
02416	ChainMate®	3	06122	LCI	6	70514	Aqua	14
02516	Force 842°®	3	06105	LCI	6	70614	Multi-Purpose	14
02616	Dry Film PTFE	2	06155	LCI	6	70814	CS Moly	14
02701	Precision Clean	9	06220	U-10	7	92701	Precision Clean Aviation Grade	9
02705	Precision Clean	9	06301	T-91™	9	92705	Precision Clean Aviation Grade	9
02720	Precision Clean	9	06328	T-91™	9	92728	Precision Clean Aviation Grade	9
02728	Precision Clean	9	06355	T-91™	9	92755	Precision Clean Aviation Grade	9
02755	Precision Clean	9	06420	G-49™	8			
02765	Precision Clean	9	06716	Clear Penetrating Grease	15			

VALUE PERFORMANCE PRODUCTS

LPS #	PRODUCT NAME	Pg #	LPS #	PRODUCT NAME	Pg #	LPS #	PRODUCT NAME	Pg #
01005	HDX	20	02022	TKX®	20	05528	BFX	20
01020	HDX	20	02028	TKX®	20	05555	BFX	20
01055	HDX	20	02055	TKX®	20	06616	Micro-X NU	21
01820	EFX®	20	04516	Micro-X	21	07316	Electra-X 2.0	21
02005	TKX®	20	04555	Micro-X	21			
02016	TKX®	20	05501	BFX	20			

Please Note: not all of these items are available outside of the US. Please check for availability.



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