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PRODUCT LINE - Metal Cleaners

Part Number	Temp Range	Substrate	Applications	Product Type	Product Line	Method
82 Series Heavy Duty Alkaline Cleaners	120-190	Carbon Steel, Stainless Steel	Drawing, Stamping, Extrusion, Paint Pretreatment, Protection, Cleaning, Metal Working, Rubber-Metal Bonding	Cleaner	Freiclean	Spray or Immersion
Acidic Laser Scale Remover Cleaner	Cleaning	Carbon Steel	120-140	Cleaner	Freiclean	Spray or Immersion
Acidic Liquid Brightener for Aluminum	Cleaning	Stainless Steel, Aluminum	Ambient - 170	Cleaner	Freiclean	Immersion
Acidic Powdered Soak Cleaner	150-190	Copper/Brasses	Cleaning	Cleaner	Freiclean	Immersion
Concentrated General Shop Cleaner	Ambient-180	Carbon Steel, Galvanized Steel, Stainless Steel, Aluminum, Copper/Brasses	Cleaning	Cleaner	Freiclean	Spray or Immersion
Dry Steel Cleaner	180-205	Carbon Steel, Stainless Steel	Drawing, Extrusion, Paint Pretreatment, Cleaning	Cleaner	Freiclean	Immersion
GC Series Neutral Liquid Cleaner	ambient-120	Carbon Steel, Galvanized	Cleaning	Cleaner	Freiclean	Spray or Immersion

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		Steel, Stainless Steel, Aluminum, Copper/Bras s				
General Maintenance Cleaner	Ambient	Carbon Steel, Galvanized Steel, Stainless Steel, Aluminum, Copper/Bras s	Cleaning	Cleaner	Freiclean	Spray or Immersion
Heavy Duty Alkaline Low Foaming Degreaser	120-140	Carbon Steel, Stainless Steel	Cleaning	Cleaner	Freiclean	Spray or Immersion
Heavy Duty Alkaline Multi Metal Low Foaming Degreaser	Cleaning	Carbon Steel, Galvanized Steel, Stainless Steel, Aluminum	110-160	Cleaner	Freiclean	Spray
Heavy Duty Alkaline Spray Cleaner	140-200	Carbon Steel, Stainless Steel	Drawing, Stamping, Extrusion, Paint Pretre atment, Protection, Cleaning, Metal Working, Rubber- Metal Bonding	Cleaner	Freiclean	Spray
Heavy Duty Alkaline Steel Cleaner	-	Carbon Steel, Stainless Steel	Drawing, Stamping, Extrusion, Paint Pretre atment, Protection, Cleaning, Metal Working, Rubber- Metal	Cleaner	Freiclean	Spray or Immersion

Part Number	Temp Range	Substrate	Applications	Product Type	Product Line	Method
			Bonding			
Heavy Duty Alkaline Steel Immersion Cleaner	150-200	Carbon Steel, Stainless Steel	Drawing, Stamping, Extrusion, Protection, Cleaning, Metal Working, Rubber-Metal Bonding	Cleaner	Freiclean	Immersion
Heavy Duty Alkaline Steel Oil Remover	140-200	Carbon Steel, Stainless Steel	Cleaning	Cleaner	Freiclean	Spray
Heavy Duty All Purpose Indoor/Outdoor Degreaser/Cleaner	Ambient-160	Carbon Steel, Galvanized Steel, Stainless Steel, Aluminum, Copper/Brass	Stamping, Cleaning, Metal Working	Cleaner	Freiclean	Spray or Immersion
Heavy Duty High Alkaline Steel Spray Degreaser	140-180	Carbon Steel, Galvanized Steel, Stainless Steel	Drawing, Stamping, Extrusion, Paint Pretreatment, Protection, Cleaning, Metal Working, Rubber-Metal Bonding	Cleaner	Freiclean	Spray
Heavy Duty Immersion Phosphate and Lubricant Removal for Steel	Cleaning	Carbon Steel, Stainless Steel	150-200	Cleaner	Freiclean	Immersion
Heavy Duty Liquid Alkaline Steel Cleaner	150-200	Carbon Steel, Stainless Steel	Drawing, Stamping, Extrusion, Paint Pretreatment, Protection, Cleaning,	Cleaner	Freiclean	Spray or Immersion

Part Number	Temp Range	Substrate	Applications	Product Type	Product Line	Method
			Metal Working, Rubber-Metal Bonding			
Heavy Duty Liquid Alkaline Steel Cleaner/Descaler	180-200	Carbon Steel, Galvanized Steel, Stainless Steel	Drawing, Stamping, Extrusion, Paint Pretreatment, Protection, Cleaning, Metal Working, Rubber-Metal Bonding	Cleaner	Freiclean	Immersion
Heavy Duty Phosphate and Lubricant Removal for Steel	Cleaning	Carbon Steel, Stainless Steel	150-200	Cleaner	Freiclean	Spray or Immersion
Heavy Duty Phosphate and Lubricant Spray Removal for Steel	Cleaning	Carbon Steel, Stainless Steel	160-200	Cleaner	Freiclean	Spray
Heavy Duty Powdered Inhibited Steel Spray Cleaner	150-180	Carbon Steel, Stainless Steel	Drawing, Stamping, Extrusion, Paint Pretreatment, Protection, Cleaning, Metal Working, Rubber-Metal Bonding	Cleaner	Freiclean	Spray
Heavy Duty Spray Alkaline Carbon Steel Cleaner	120-200	Carbon Steel, Galvanized Steel, Stainless Steel	Drawing, Stamping, Extrusion, Paint Pretreatment, Protection, Cleaning, Metal Working, Rubber-	Cleaner	Freiclean	Spray or Immersion

Part Number	Temp Range	Substrate	Applications	Product Type	Product Line	Method
			Metal Bonding			
High Lubricant Capacity Alkaline Steel Cleaner	Cleaning	Carbon Steel, Stainless Steel	150-200	Cleaner	Freiclean	Immersion
Liquid Alkaline Heavy Duty Steel Cleaner	Cleaning	Carbon Steel, Stainless Steel	150-200	Cleaner	Freiclean	Spray or Immersion
Liquid Mineral Acid Aluminum Cleaner	150-170	Aluminum	Drawing, Stamping, Extrusion, Paint Pretreatment, Cleaning, Metal Working, Rubber-Metal Bonding	Cleaner	Freiclean	Spray or Immersion
Liquid Mineral Acid Cleaner	150-175	Aluminum	Drawing, Stamping, Extrusion, Paint Pretreatment, Cleaning, Metal Working, Rubber-Metal Bonding	Cleaner	Freiclean	Spray or Immersion
Liquid Silicated Alkaline Aluminum Cleaner	90-180	Aluminum, Copper/Brass	Drawing, Stamping, Extrusion, Paint Pretreatment, Protection, Cleaning, Metal Working, Rubber-Metal Bonding	Cleaner	Freiclean	Spray or Immersion
Low Foaming Mild Alkaline Steel Cleaner	90-180	Carbon Steel, Stainless Steel	Drawing, Extrusion, Cleaning	Cleaner	Freiclean	Spray or Immersion

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Low Foaming Neutral Corrosion Inhibitor Cleaner	ambient-140	Carbon Steel, Galvanized Steel, Stainless Steel, Aluminum	Cleaning, Protection	Cleaner	Freiclean	Spray or Immersion
Low Foaming Neutral Corrosion Inhibitor Cleaner	Cleaning	Carbon Steel, Stainless Steel, Aluminum	ambient-140	Cleaner	Freiclean	Spray or Immersion
Low Temperature Mild Degreaser	100-160	Carbon Steel, Galvanized Steel, Stainless Steel, Aluminum, Copper/Brass	Cleaning	Cleaner	Freiclean	Spray or Immersion
Low to Moderate Temperature Alkaline Immersion Degreaser	130-180	Carbon, Galvanized Steel, Stainless Steel, Copper/Brass	Cleaning	Cleaner	Freiclean	Immersion
Medium Duty Alkaline Aluminum Stamping Cleaner	135-180	Carbon Steel, Galvanized Steel, Stainless Steel, Aluminum, Copper/Brass	Stamping, Paint Pretreatment, Cleaning, Metal Working, Rubber-Metal Bonding	Cleaner	Freiclean	Spray
Medium Duty Alkaline Steel Cleaner	100-160	Carbon Steel, Galvanized Steel, Stainless Steel, Aluminum, Copper/Brass	Drawing, Stamping, Extrusion, Paint Pretreatment, Protection, Cleaning, Metal Working, Rubber-Metal Bonding	Cleaner	Freiclean	Spray or Immersion

Part Number	Temp Range	Substrate	Applications	Product Type	Product Line	Method
Medium Duty Powder Immersion Cleaner	140-160	Carbon Steel, Galvanized Steel, Stainless Steel, Aluminum, Copper/Brass	Drawing, Stamping, Extrusion, Paint Pretreatment, Protection, Cleaning, Metal Working, Rubber-Metal Bonding	Cleaner	Freiclean	Immersion
Mild Acidic Aluminum Cleaner/Brightener	90-180	Stainless Steel, Aluminum, Copper/Brass	Drawing, Stamping, Extrusion, Paint Pretreatment, Protection, Cleaning, Metal Working, Rubber-Metal Bonding	Cleaner	Freiclean	Spray or Immersion
Mild Acidic Aluminum Cleaner/Brightener	Cleaning	Aluminum	90-180	Cleaner	Freiclean	Immersion
Mild Acidic Liquid Brightener	Ambient - 170	Carbon Steel, Galvanized Steel, Stainless Steel, Aluminum, Copper/Brass	Cleaning	Cleaner	Freiclean	Immersion
Mild Alkaline Liquid Degreaser	150-210	Carbon Steel, Galvanized Steel, Stainless Steel, Aluminum, Copper/Brass	Drawing, Stamping, Extrusion, Paint Pretreatment, Protection, Cleaning, Metal Working, Rubber-Metal Bonding	Cleaner	Freiclean	Spray or Immersion
Mild Alkaline	140-210	Carbon	Cleaning	Cleaner	Freiclean	Immersion

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Liquid Degreaser		Steel, Galvanized Steel, Stainless Steel, Aluminum, Copper/Bras s				
Mild Alkaline Liquid Degreaser	Cleaning	Carbon Steel, Stainless Steel, Aluminum	"Spray: 150-170 Immersion: 180-210"	Cleaner	Freiclean	Spray or Immersion
Mild Alkaline Liquid Floor Clea nder/Degreaser	Ambient-180	Carbon Steel, Galvanized Steel, Stainless Steel, Aluminum	Stamping, Paint Pretre atment, Cleaning	Cleaner	Freiclean	Spray or Immersion
Neutral De- Ruster for Ferrous Metal Surfaces	Ambient - 120	Carbon Steel, Galvanized Steel, Stainless Steel, Aluminum, Copper/Bras s	Cleaning	Cleaner	Freiclean	Spray or Immersion
Phosphate and Lubricant Removal for Steel	Cleaning	Carbon Steel, Stainless Steel	150-200	Cleaner	Freiclean	Spray or Immersion