ACE ENTERPRISES

ACE-2 FACTORY FLOOR CLEANER

Water-based oil & grease cleaner for injection moulding plants. Non-flammable. Low odour.

Stop oil spills stopping production

Cleaner floors. Safer people.

1. Why factory floor cleaning matters

Every minute of downtime costs money, and oil spills cause it

Oil spills in an injection moulding plant do more than make a mess. They halt production, damage hydraulic equipment, raise scrap, create slip hazards and invite audit and compliance trouble.

Problem on your factory floor	What it costs you
Hydraulic oil leakage	Oil seeps from cylinders, pumps and hoses, spreads via drip trays and makes floors slippery: accident risk and ISO audit observations
Grease & dust sludge	Grease on tie bars, platens and clamps picks up plastic dust into a sticky mass that normal cleaning cannot shift
Resin fumes & carbonisation	Resin vapours settle on oily surfaces as sticky deposits; carbon builds up on hot surfaces such as the barrel
Poor heat dissipation	Oil and dust on vents and cooling panels cut heat exchange: overheating, temperature alarms and shutdowns
Solvent cleaning problems	Fire risk, strong fumes, damage to paint, seals, hoses and plastics, plus high cost and disposal issues
Electrical safety	Oil on electrical cabinets risks short circuits and overheating, and solvents are unsafe near live equipment

30–40%
lower cleaning time after switching to water-based cleaning

40–60%
lower cleaning cost per month versus solvents

>90%
biodegradable, non-flammable formula

2. How we help you

ACE-2: a high-performance water-based degreaser made for moulding plants

ACE-2 removes oil, grease, hydraulic fluid, carbonised deposits and process residues from machines, floors, mould areas and maintenance sections, with no solvent fire risk.

1 — Spray
Apply diluted product with a trigger or pump sprayer, mop or scrubber

2 — Dwell
Allow 3–5 minutes for oil and grease to loosen

3 — Scrub
Scrub lightly where needed, on hot or cold water

4 — Wipe & dry
Wipe, rinse and dry for a clean, non-sticky, anti-slip surface

Where you can use it

Area	Application
Injection moulding machines	Body, platens, tie bars
Moulds & dies	External cleaning, pre-maintenance
Hydraulic oil spill areas	Floor and drip trays
Conveyors & granulators	Oil and plastic dust
Chillers & compressors	Panels and external cleaning
Electrical cabinets (external)	Safe degreasing

Recommended dilution (product : water)

Application	Dilution
Heavy grease	1:5
Normal cleaning	1:10
Maintenance cleaning	1:15

Safe on machine paint, seals, plastics and rubber hoses. Can be used with hot or cold water.

3. Your benefits of working with us

Safer floors, cooler machines, fewer rejects and a lower cleaning bill

Your benefit	What you get
Operational	Removes hydraulic oil, grease, resin fumes and carbonised dirt; penetrates oil and dust sludge; faster cleaning means reduced downtime
Safety & EHS	Non-flammable, non-toxic, low odour; fewer slip hazards; safe for daily use; supports EHS and ISO audit compliance
Equipment life & performance	Cleaner machines dissipate heat better; prevents corrosion and premature wear; cleaner moulds mean fewer rejects; longer seal, hose and paint life
Cost & consumption	Lower cost per cleaning than solvents; use by mop, spray or scrubber; less manpower and time; lower solvent purchase and disposal cost

Before vs after cleaning

Parameter	Before	After ACE-2
Machine surface	Oil & dust sludge	Clean, dry, non-sticky
Floor safety	Slippery	Anti-slip, safe
Heat dissipation	Poor	Improved
Reject rate	Higher	Reduced
Cleaning time	High	30–40% lower
Fire / EHS risk	High (solvent)	Minimal

Cost per cleaning

Parameter	Solvent	ACE-2
Cost per litre	High	Moderate
Dilution	Ready-to-use	1:5 to 1:20
Evaporation loss	High	Nil
Safety cost	High	Minimal
Disposal cost	High	Low

Result: up to 40–60% lower cleaning cost per month

Technical property	Value
Type	Alkaline, non-solvent, non-flammable
Appearance	Clear light yellow liquid
pH (1% soln.)	10.5 – 12
Odour	Mild, non-irritating
Specific gravity	1.04 ± 0.03
Foaming / rinsability	Low to medium / excellent
Shelf life	24 months (store away from sunlight, keep closed)

Protect your production. Protect your people.

Request a free sample for your plant

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