

NZD ISO FLUSH™

NZD ISO FLUSH™ Isocyanates Resin Cleaner

It is a mixture of Environmentally Sensible solvents, co-solvent, wetting agents and a corrosion inhibitor. It replaces Acetone, MEK, Methylene Chloride, and 1,1,1-trichloroethane. It offers high resin loading, therefore it can be used for an extended period. It is recyclable via vacuum distillation, result in reduced disposal costs.

NZD ISO FLUSH™ is highly effective in Flushing and Immersion cleaning of excess liquid Isocyanate from processing equipment (feed line, feed tanks, mixing and metering equipment), as well as, loosening and removing crystallized isocyanate residues and build-up from equipment and parts.

Effectively Removes:

- ~ Cured Polyurethane Reactive Hot Melt Urethane Adhesives from roll coating equipment & dispensing equipment, as well as, many other Industrial Adhesives.
- ~ **Industrial Resins** such as: Polyester, Vinylester, Epoxy and Pigmented Gel Coats, as well as, Fiberglass and Resin Mixture.
- ~ **Coatings** such as: High & Low Solid Aliphatic, Water Born Epoxy Primers, Polyurethane, Acrylic, Varnishes and Alkyl Enamel.

Flushing & Immersion: Use full strength at room temperature (do not add water).

Pour NZD ISO FLUSH™ into isocyanates feed tank / feed line and circulate to mix with free isocyanate remaining in tank, pump, or other components. Use several gallons of NZD ISO FLUSH™ to purge the free isocyanate.

In addition, use NZD ISO FLUSH™ to flush spray/ chopper guns, pumps and resin lines, or use in a clean and totally DRY (free of moisture) metal container with a fitted lid. Ultrasonic cavitation in an immersion tank will enhance the cleaning performance significantly. Be sure your ultrasonic tank is equipped with a temperature control thermostat.

Can also be applied by hand using **GO GREEN™ Saturated Wipes**.

Use Rubber Gloves when handling this product. Do not Heat or Atomize this product.

Typical Properties

Safety & Handling Precautions

Refer to Safety Data Sheet prior to use

Appearance:	Clear liquid
Flash Point:	147.50°F Seta Flash
Odor:	Mild
pH (50% solution in water @ 68 °F):	6.2 - 6.5
Surface Tension (dynes/cm 24) (water = 1.0):	24
Ideal Operating Temp (°F):	Room Temp. Only Do Not Heat or Atomize
Ideal Operating Concentration:	Full Strength
Specific Gravity:	0.895 - 0.900 (@68 °F)
Recycling Parameters (Vacuum Distillation):	300 °F and 27 mm Hg Pressure
VOC Content (ASTM D-2369, Method 24)	5.9 Lbs. / Gallon or 669.0 grams / Liter
Weight/Gal.	7.5 (lbs. /gal.)
Product #	02-W359585



RECOMMENDED MATERIALS TO USE FOR; O-Rings, Gaskets, Hoses And Pump Packaging

- | | | |
|----------------|--------------------------------|---------|
| * FEP-Teflon | * Ethylene-Propylene Copolymer | * Ryton |
| * Butyl Rubber | * Kalrez | |
| * Buna-S | * Fluorosilicone Rubber | |
| * Melamine | * Mild Steel | |
| * Nylon 101 | * Halar | |

Safety & Handling Precautions

Refer to Safety Data Sheet prior to use

Direct contact of NZD ISO FLUSH™ will cause a serious eye irritation or skin irritation. It is important to utilize recommended gloves (natural rubber), safety goggles and other suitable protective clothing your company recommends. Aspiration hazard if swallowed. Keep liquid and vapor away from heat, sparks and flames. Keep container closed. Use with adequate ventilation. DO NOT take internally. Avoid contact with skin, eyes and clothing. Avoid breathing vapors or mist. Wash thoroughly after handling.

Refer to SDS for use, disposal or additional safe handling.

HMIS Rating

Health	2
Fire	2
Reactivity	0

Packaging & Storage

HDPE UN Rated
1 & 5 gallon pails
55 gallon steel drums (closed cap)

GO GREEN™ Saturated Wipes 75 wipes/Re-Usable Canister

This product should be kept in its original container above freezing and less than 100 °F.
Store drums in a dry area.

MATERIAL TO AVOID LONG TERM

- | | | |
|----------------------|----------------|---------|
| * Viton | * PVC | * Valox |
| * ABS | * Buna-N | |
| * Durel | * Hypalon | |
| * Kynar | * Lexan | |
| * Lucite | * Noryl EN-265 | |
| * PET | * Noryl -731 | |
| * Phenolic Polyester | * Polysulfone | |
| * Polyurethane | * Ultem | |

Disposal

Even though NZD ISO FLUSH™ has a low order of toxicity, * with a low risk of environmental harm. Effluent analysis is required for proper waste disposal. The spent material can be recycled via vacuum distillation on site or by a mobile reclamation service. **Discharge your distill bottom and screened out solids according to Federal, State and Local Regulations.**

*Per OSHA & EPA regulations.

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