



GSP

GLOBAL SPECIALTY PRODUCTS USA INC.

NZD ISO FLUSH™

NZD ISO FLUSH™ Isocyanates Cleaner

(non-Gelling Iso-Neutralizer & Cleaner)

- Low VOC
- non-Flammable
- non-HAPs
- Recyclable
- non-Ozone Depleting

NZD ISO FLUSH™ Flushing or immersion cleaning of spray foam equipment. Used to remove excess liquid isocyanates from processing equipment. It is designed to flush isocyanate feed tanks or equipment that contains liquid or some hardened isocyanate residue. It offers extended bath life (tolerates high resin loading), reduced disposal costs (recyclable via vacuum distillation).

Effectively Removes:

- **Liquid or some hardened** Diisocyanates (*Part A*) or *POLYOLS (Part B)*
- *TDI and MDI Esters and Ethers*
- *Urethane Intermediates* (Polyether and Polyester Polyols)

This Product does not contain any raw materials known to the State of California (Proposition 65) to cause cancer, birth defects or any other reproductive harm. It Does Not contain any HAPs ingredients.
CAN BE SOLD IN CALIFORNIA.

REPLACE Hazardous solvents such as, NMP, BLO, Acetone, MEK, Methylene Chloride

HIGH RESIN LOADING - Can be used for extended period

RECYCLABLE via vacuum distillation, resulting in reduced disposal costs

Due to its low vapor pressure and high boiling point it evaporates 237 times slower than Acetone and MEK; 600 times slower than Methylene Chloride. This means, whatever quantity you purchase, you will use.

Application

Flushing & Immersion: Use **full strength at room temperature** (do not heat or 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 to purge the free isocyanate.

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.

For surface cleaning, **GO GREEN™ Saturated Wipes** can be used.

Typical Properties

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.)
HMIS Rating:	Health = 2; Fire = 2; Reactivity = 0
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

MATERIAL TO AVOID LONG TERM

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

Safety & Handling Precautions

Refer to Safety Data Sheet prior to use
Use Rubber Gloves when handling this product.
Do not Heat or Atomize this product.

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.

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.**

Packaging & Storage:

HDPE UN Rated

1 Gallon Jugs / 5 Gallon Pails / 55 Gallon Steel Drums (closed cap)

GO GREEN™ Saturated Wipes in an "Easy Carry Bucket" (90 Polypropylene Wipes 12" x 12")

This product should be kept in its original container above freezing and less than 100 °F.

Store drums in a dry area.

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