



# 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

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

**HMIS Rating:** Health = 2 Fire = 2 Reactivity = 0

## Packaging & Storage

HDPE UN Rated

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

## GO GREEN™ Saturated Wipes

### 90 (12" x 12") Pre Moistened Wipes in an Easy Carry Bucket

Store this product in its original container in a dry area above freezing and less than 100 °F.

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