



"Quality Environmental Solutions"

INTERSTATE PRODUCTS, INC.

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MATERIAL SAFETY DATA

1.) PRODUCT INFORMATION

Date October 4, 1999

Trade Name STAINLESS STEEL TOWELS 1549

Chemical Name and Synonyms

Manufactured For Interstate Products, Inc.

CAS Registry No. See below for individual ingredients

EMERGENCY TELEPHONE 414-354-6417

HMIS Hazard Rating

Least	0	Health	1
Slight	1	Flammable	2
Moderate	2	Reactivity	0
High	3		
Extreme	4		

2.) HAZARDOUS INGREDIENTS

<u>Principal Hazardous Components</u>	<u>CAS REG. NO.</u>	<u>OSHA PEL</u>	<u>ACGIH TLV</u>	<u>EPA 40 CFR:</u>			<u>APPROX. %</u>
				<u>302</u>	<u>355</u>	<u>372</u>	
N-Methyl Pyrrolidone	872-50-4	NE	NE	N	N	Y	3.00-7.00

3.) PHYSICAL DATA

Boiling Point.....ND

Vapor Pressure (mm Hg).....ND

Vapor Density (Air = 1).....ND

Solubility in Water.....Insoluble

Specific Gravity (Water = 1)..... 0.851

VOC Content (% by Weight).....40.0-50.0

Evaporation Rate (Water = 1).....>1.0

pH.....8.0 - 9.0

Appearance and Odor.....Purple cloth impregnated with a clear, yellow liquid; Citrus scent.

4.) FIRE AND EXPLOSION HAZARD DATA

Flash Point.....138 (concentrate)

(test method).....Closed Cup

Extinguishing Media.....Water, Foam, Carbon Dioxide, Dry Chemical

Special Fire Fighting Procedures.....Cool fire exposed containers with water fog. Firefighters should be equipped with full protective gear, including a self-contained breathing apparatus.

Unusual Fire and Explosion Hazard.....None

Flammable Limits in Air (volume %)

Upper: NE

Lower: NE

KEY:

C.....Ceiling Level

TLV.....Threshold Limit Value

NA.....Not Applicable

Y.....Yes

PEL.....Permissible Exposure Limit

STEL.....Short Term Exposure Limit

ND.....Not Determined

N.....No

302: CERCLA List of Hazardous Substances and Reportable Quantities (40 CFR 302.4)

355: SARA TITLE III List of Extremely Hazardous Substances for Emergency Planning & Notification (40 CFR 355)

372: SARA TITLE III List of Toxic Chemicals subject to Release Reporting-Community Right to Know(40 CFR 372)

5.) REACTIVITY DATA

Stability.....Stable
Conditions to Avoid.....Excess heat and open flame
Hazardous Decomposition or Byproducts.....Thermal decomposition may produce oxides of carbon.
Hazardous Polymerization.....Will not occur
Incompatibility.....Oxidizers
Conditions to Avoid.....None

6.) HEALTH HAZARD DATA

Primary Route(s) of Exposure.....Eyes and Skin
Ingredients That Are Considered By OSHA, NTP, IARC To Be Suspected Human Carcinogens: None
Effects of Overexposure:
Eyes.....Mild to Moderate Irritation and Redness
Skin.....Redness, Dryness and Irritation, with Prolonged or Repeated Exposure.
Ingestion.....Gastrointestinal Irritation, Nausea, Cramps, Vomiting
Inhalation.....No Hazard Under Normal Use.
Emergency and First Aid Procedures:
Eyes.....Flush eyes and under eyelids with plenty of cool water for at least 15 minutes. If irritation persists, obtain medical attention.
Skin.....Wash with soap and water. If irritation persists, get medical attention.
Ingestion.....Call physician or poison center immediately. Give affected person several glasses of water. DO NOT induce vomiting. Never give anything by mouth to an unconscious person.
Inhalation.....Remove to fresh air.

7.) SAFE HANDLING AND USE

Material Released or Spilled.....Ventilate area. Remove all sources of ignition. Soak up material with inert absorbent material and place in a labeled closed container for disposal.
Waste Disposal Method.....According to Federal, State and local regulations only.

8.) CONTROL MEASURES

Respiratory Protection.....Use with adequate ventilation.
Ventilation.....Local exhaust: Recommended
Protective Gloves.....Chemical resistant
Other Protective Equipment.....None
Handling and Storage.....Store in a cool dry place. Protect from freezing. Keep container tightly closed when not in use.
Other Precautions.....Keep out of reach of children.
Mechanical: Not required
Eye Protection.....Safety glasses

NOTICE: The information contained on this Material Safety Data Sheet is considered accurate as of the date of publication. It is not necessarily all inclusive nor fully adequate in every circumstance. The suggestions should not be confused with, nor followed in violation of applicable laws, regulations, rules or insurance requirements. No warranty, express or implied, of merchantability, fitness, accuracy of data, or the results to be obtained from the use thereof is made. The supplier assumes no responsibility for injury or damages resulting from the inappropriate use of this product.