



Section 1 – Product & Company Identification

Product Name: **Zipity Strip**
 Product ID Number: 313
 Product Use: Floor Finish & Sealer Stripper
 EPA Reg. Number:
 Manufacturer: Arrow Chemical Products, Inc.
 2067 Ste. Anne
 Detroit, MI 48216
 Telephone: 313-237-0277
 Numbers: 24 hr. Emergency Assistance: Infotrac 1-800-535-5053

Section 2 – Composition/Information on Ingredients

<u>INGREDIENT</u>	<u>CAS #</u>	<u>% by Weight</u>	<u>Exposure Limits</u>	<u>LC₅₀/LD₅₀</u>
2-Butoxyethanol	111-76-2	40% - 50%	PEL: 50 (OSHA-Skin) TLV: 20 (ACGIH-Skin)	Oral LD50: 1746 mg/kg [rat] Dermal: 220 mg/kg [rabbit]
Monethanolamine	141-43-5	10% - 20%	ACGIH (TLV): 6 ppm OSHA (PEL): 3 ppm	Oral LD50: 1720 mg/kg [rat] Dermal LD50: 1100 mg/kg [rabbit]
Water	7732-18-5	25% - 35%	Not Established	Not Established

Section 3 – Hazards Identification

Emergency Overview:
 Potential Health Effects:
 Skin: Causes skin irritation.
 Eyes: Causes eye irritation.
 Inhalation: Vapors may be irritating to nose, throat, and lungs.
 Ingestion: Harmful if swallowed.
 Chronic: None known based on OSHA criteria.

Section 4 – First Aid Measures

Eyes: Immediately flush with plenty of water for 15 minutes. Get medical attention.
 Skin/Clothing: Wash with plenty of water. Remove contaminated clothing. Get medical attention if irritation occurs.
 Inhalation: Move person to fresh air. If irritation occurs, get medical attention.
 Ingestion: Do **not** induce vomiting. Drink a large quantity of water. Get immediate medical attention.
 Note to Physician:

Section 5 – Fire Fighting Measures

Flash Point (TCC): >176° F
 Extinguishing Media: Water or suitable material for primary source of fire.
 Fire Fighting Equipment & Instructions: Use OSHA approved self-contained breathing apparatus and protective clothing when any material is involved in a fire.
 Hazardous Combustion Products: Burning may produce Carbon Monoxide / Dioxide

Section 6 – Accidental Release Measures

Spill and Leak Procedures
 Spill Cleanup: Absorb spilled material and sweep up.

Section 7 – Handling & Storage

Handling Procedures: Do not get in eyes, on skin, or on clothing. Remove contaminated clothing and wash before reuse. Wash thoroughly with soap and water after handling.
 Storage Procedures: Keep container closed during storage. Store in a cool dry place. **KEEP AWAY FROM CHILDREN.** For industrial and commercial use only.

Section 8 – Exposure Controls/Personal Protection

Engineering Controls: Provide adequate local exhaust ventilation to maintain worker exposure below exposure limits.
 Personal Protective Equipment:
 Eyes/Face: Chemical Anti-Splash Safety Goggles
 Skin: Rubber Gloves or other impervious gloves. Rubber Boots
 Respiratory: Not required with normal usage.

The following ingredients have established exposure guidelines:

INGREDIENT	EXPOSURE GUIDELINE	GUIDELINE VALUE
See section 2		

All TWAs are for an 8-hour period and all STELs are for 15 minutes unless specifically noted as being for another time period.

Section 9 – Physical & Chemical Properties

Boiling Point: No Data
 Specific Gravity: .993
 Percent Volatile by Weight:
 VOC Content: 70%
 Evaporation Rate (Water=1): 1
 pH: 10.0 – 11.0
 Solubility in Water: Complete
 Appearance and Odor: Clear Liquid, Characteristic Odor

Section 10: Stability & Reactivity

Chemical Stability: Stable Conditions to Avoid: Excessive heat and contamination of any kind.
 Incompatibilities: Oxidizers and Strong Acids
 Hazardous Decomposition: Burning may produce Carbon Monoxide / Dioxide
 Hazardous Polymerization: Will not occur.



Section 11 – Toxicological Information

Carcinogenicity: No Carcinogenicity data available for this product.

Acute Oral LD50: See section 2

Acute Dermal LD50: See section 2

Primary Skin:

Primary Eye:

CHEMICAL INGREDIENTS LISTED AS POTENTIAL OR KNOWN CARCINOGENS

INGREDIENT

OSHA

NTP

IARC

No ingredients listed in this section.

Section 12 – Ecological Information

Ecotoxicity: No data available for this product

Environmental Fate:

Section 13 – Disposal Considerations

Disposal Instructions: Dispose of in accordance with all applicable regulations.

Section 14 – Transportation Information

DOT Hazard Class:

DOT Proper Shipping Name:

Section 15 – Regulatory Information

TSCA Status

While all ingredients are listed on the TSCA Chemical Inventory, this product is regulated as a pesticide under the Federal Insecticide, Fungicide and Rodenticide Act (FIFRA) and not subject to the TSCA Inventory rules for FIFRA uses.

Other Chemical Inventories

All components of this product are listed on the following inventories: Canada (DSL), China, and Philippines. One or more ingredients are not listed on the following inventories: Australia, Japan, European Union, Korea.

CERCLA/SARA

SARA Title III, Sections 311/312 – This act requires reporting under the Community Right-to-Know provisions due to the inclusion of the following components of this material in one or more of the five hazard categories listed in the 40 CFR 370: Classification of this product:

SARA Title 313 – This act requires submission of annual reports of releases of the following components of this material if the threshold reporting quantities, as listed in 40 CFR 372, are met or exceeded:

CHEMICAL NAME	CAS NO.	MAXIMUM CONCENTRATION	COMMENT
2-Butoxyethanol	111-76-2		
Monethanolamine	141-43-5		

Reportable Quantities/Threshold Planning Quantities: CERCLA requires notification of the National Response Center (Telephone 1-800-424-8802) in the event of a release of quantities of the following hazardous materials contained in this product, if the release is equal to or greater than the Reportable Quantities (RQs). SARA 302/304 requires emergency planning, including agency notification, for possible release of the following components of this material, based upon the Threshold Planning Quantities (TPQs) and/or release of Reportable Quantities.

CHEMICAL NAME	REPORTABLE QUANTITY (RQ)	THRESHOLD PLANNING QUANTITY (TPQ)
2-Butoxyethanol		
Monethanolamine		

State & Provincial Right to Know & Selected Regulatory Lists

The following ingredients appear on various state right to know lists and/or California's Proposition 65 List

CHEMICAL NAME	STATE LIST
Monethanolamine – CAS# 141-43-5	CT, IL, RI, PA, MN, MA, NJ

AZ – Arizona Ambient Air Quality Guidelines

CT – Connecticut Hazardous Air Pollutants

CA – California Director's List of Hazardous Substances

CA65C – California Prop 65 Carcinogen

CA65R – California Prop 65 Reproductive Toxin

FL – Florida Substances List

ID – Idaho Non-carcinogen Toxic Air Pollutants

IL – Illinois Toxic Air Contaminant – Carcinogenic

MA – Massachusetts Right to Know List

MN – Minnesota Hazardous Substance List

NJ – New Jersey Right to Know List

PA – Pennsylvania Right to Know List

RI – Rhode Island Hazardous Substance List

WHMIS Classification: This product has not been classified in accordance with hazard criteria of the Controlled Products Regulations and the MSDS contains all the information required by the Controlled Products Regulations.

Section 16 – Other Information

Hazard Ratings

Hazard Ratings

Hazard Rating Scale:

4 = Extreme

3 = High

2 = Moderate

1 = Slight

0 = Insignificant

HEALTH	2
FLAMMABILITY	0
REACTIVITY	0

Information Contact: Arrow Chemical Products, Inc., 2067 Ste. Anne, Detroit, MI 48216

The seller makes no warranty expressed or implied concerning the accuracy of any results to be obtained from the use of any information and no warranty expressed or implied concerning the use of the products. The buyer assumes all risks of the use and/or handling.