Material Safety Data Sheet *Date: 5-25-10*

Section 1 – Product & Company Identification

Product Name: ***Outshine***
Product ID Number: 317
Product Use: Floor Sealer Finish
Product Class:
EPA Reg. Number:

Manufacturer:	Arrow Chemical Products, Inc. 2067 Ste. Anne Detroit, MI 48216
Telephone Numbers:	313-237-0277 24 hr. Emergency Assistance: Infotrac 1-800-535-5053

Section 2 – Composition/Information on Ingredients

INGREDIENT	CAS #	% by Weight	Exposure Limits	LC_{50}/LD_{50}
DIETHYLENE GLYCOL METHYL ETHER*	111-77-3	0 – 10	Not Established	Not Established
ACRYLIC COPOLYMER	67366-74-9	40 – 50	Not Established	Not Established
POLYETHYLENE WAX EMULSION	None	0 – 10	Not Established	Not Established
WAX EMULSION	9010-77-9	0 – 10	Not Established	Not Established

The balance of ingredients are not considered to be hazardous within the meaning of OSHA Hazard Communication Standard.
ITEMS MARKED * ARE SARA TITLE III (Sec. 313) REPORTABLES. ALL INGREDIENTS ARE ON TSCA INVENTORY.

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 at least 15 minutes while occasionally lifting eyelids. Get immediate medical attention.
Skin/Clothing: Wash with plenty of water for 15 – 20 minutes. Remove contaminated clothing. Get medical attention if irritation occurs. Wash clothing before reuse.
Inhalation: Move person to fresh air. If person is not breathing, call 911 or an ambulance then give artificial respiration, preferably by mouth-to mouth, if possible. Call a poison control center or doctor for further treatment.
Ingestion: Do **not** induce vomiting. If conscious give two glasses of water. If vomiting occurs, keep head lower than hips to prevent aspiration. Get immediate medical attention.
Note to Physician:

Section 5 – Fire Fighting Measures

Flash Point (TCC): >200° 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: None expected

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
No ingredients listed.		

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: >200° F
Specific Gravity: 1.032
Percent Volatile by Weight:
VOC Content: 0
Evaporation Rate (Butyl Acetate=1): 1
pH: 8 – 9
Solubility in Water: Emulsifies
Appearance and Odor: Milky white liquid, Mild odor

Section 10: Stability & Reactivity

Chemical Stability: Stable Conditions to Avoid: Excessive heat and contamination of any kind.
Incompatibilities: Strong oxidizers and metallic nitrates
Hazardous Decomposition: Thermal decomposition may result in toxic fumes of carbon.
Hazardous Polymerization: Will not occur.

Section 11 – Toxicological Information

Carcinogenicity: No Carcinogenicity data available for this product.
Acute Oral LD50:
Acute Dermal LD50:
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. Do not reuse container. Triple rinse empty container with water. Plastic containers may be offered for recycling.

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
No ingredients listed in this section.			

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)
No ingredients listed in this section.		

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
No ingredients listed in this section.	

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

AZ, CA, CT, ID, MA, MN, NJ, PA, RI
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	**1**
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.