

Material Safety Data Sheet

Date: 11-21-09



Section 1 – Product & Company Identification

Product Name: **AWS**
Product ID Number: 475
Product Use: Laundry powder, floor cleaner
EPA Reg. Number: N/A
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

INGREDIENT	CAS #	% by Weight	Exposure Limits	LC ₅₀ /LD ₅₀
Sodium Metasilicate	6834-92-0	0-10%	Not Determined	Not Determined
Sodium Carbonate	497-19-8	10-20%	Not Determined	Not Determined
Alcohol Ethoxylate	68439-46-3	0-10%	Not Determined	Not Determined
Sodium Tripolyphosphate	7758-29-4	0-10%	Not Determined	Not Determined

The balance of the ingredients are considered a proprietary trade secret and not hazardous.

Section 3 – Hazards Identification

Emergency Overview:

Potential Health Effects:

Acute: May cause severe eye irritation. Harmful if swallowed. Harmful if inhaled. Prolonged or repeated skin contact may cause irritation.

Chronic: None known.

Carcinogenic Effects: Not classified or listed by IARC, NTP, OSHA, EU and ACGIH.

Section 4 – First Aid Measures

Eyes: Immediately flush with plenty of water for at least 15 minutes. Get medical attention.

Skin/Clothing: Flush with water. Consult a physician if irritation occurs.

Inhalation: Remove person to fresh air. Call a physician.

Ingestion: Drink 1-2 glasses of water and seek immediate medical attention.

Section 5 – Fire Fighting Measures

Hazardous Combustion Products: Not Applicable.

Extinguishing Media: Water or suitable material for primary source of fire.

Fire Fighting Equipment & Instructions: N/A

Remarks on Explosion Hazard: None

Section 6 – Accidental Release Measures

Spill and Leak Procedures

Small Spills: Not Applicable.

Large Spills: Keep material dry and collect for disposal. Rinse area with clear water and allow to dry before allowing traffic.

Personal Protection for Large Spills: Gloves, Safety goggles.

Section 7 – Handling & Storage

Handling Procedures: Keep container closed when not in use.

Storage Procedures: KEEP OUT OF REACH OF CHILDREN. Store in a cool dry place.

Incompatibility: None known.

Section 8 – Exposure Controls/Personal Protection

Engineering Controls: Good general ventilation should be sufficient for most conditions.

Personal Protective Equipment:

Eyes/Face: Safety glasses

Skin: Normally not needed. Avoid direct contact with skin.

Respiratory: No special equipment needed.

The following ingredients have established exposure guidelines:

INGREDIENT:	EXPOSURE GUIDELINE	GUIDELINE VALUE
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NONE

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

Flash Point: N/A

Specific Gravity: N/A

Melting/Freezing Point: N/A

VOC Content: N/A

Evaporation Rate (Water = 1): N/A

pH: N/A

Solubility: Soluble

Flammable Limits: N/A

Explosion Hazards: None

Appearance and Odor: White Powder, Lemon Scent

Section 10: Stability & Reactivity

Chemical Stability: Stable
Incompatibilities: None known.
Hazardous Decomposition:



Section 11 – Toxicological Information

Routes of Entry: Accidental ingestion
Carcinogenicity: No Carcinogenicity data available for this product.
Toxicity to Animals: Sodium Carbonate, CAS# 497-19-8
Acute Oral LD50: 4090 mg/kg (rat) Inhalation LC50: 2.3 mg/L (rat, 2 hr.)
Acute Dermal LD50:
Acute Effects on Humans: Contact with material in eyes will cause severe irritation. Harmful if swallowed.
Chronic Effects: There is no known effect from chronic exposure to this product.
Special Remarks on Toxicity:

CHEMICAL INGREDIENTS LISTED AS POTENTIAL OR KNOWN CARCINOGENS

INGREDIENT: OSHA NTP IARC

No ingredients listed in this section.

Section 12 – Ecological Information

Ecotoxicity: Aquatic toxicity: Daphnia magna 96 hr. LC50 = 265-565 mg/L. Bluegill sunfish 96 hr LC50 = 300-320 mg/L.
Environmental Fate: No Data.

Section 13 – Disposal Considerations

Disposal Instructions: Waste must be disposed of in accordance with federal, state and local environmental control regulations.

Section 14 – Transportation Information

DOT Hazard Class: N/A
DOT Proper Shipping Name: N/A
TDG Classification: Not determined.

Section 15 – Regulatory Information

TSCA Status
All ingredients are listed on the TSCA Chemical Inventory.
DSL/NDSL: All components listed unless noted elsewhere on this MSDS.
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: Sodium Carbonate CAS# 497-19-8, TPQ = 10000 lbs.
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
None	None
AZ – Arizona Ambient Air Quality Guidelines	IL – Illinois Toxic Air Contaminant – Carcinogenic
CT – Connecticut Hazardous Air Pollutants	MA – Massachusetts Right to Know List
CA – California Director's List of Hazardous Substances	MN – Minnesota Hazardous Substance List
CA65C – California Prop 65 Carcinogen	NJ – New Jersey Right to Know List
CA65R – California Prop 65 Reproductive Toxin	PA – Pennsylvania Right to Know List
FL – Florida Substances List	RI – Rhode Island Hazardous Substance List
ID – Idaho Non-carcinogen Toxic Air Pollutants	

WHMIS Classification: Not controlled under WHMIS (Canada).

Section 16 – Other Information

Hazard Ratings

Hazard Rating Scale:

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.