

Section 1 – Product & Company Identification

Product Name: **900 Heavy Duty Degreaser**

Product ID No.: 600

Product Use: Heavy Duty Degreaser/Cleaner

EPA Reg. Number: N/A

Manufacturer:

Arrow Chemical Products, Inc.

2067 Ste. Anne

Detroit, MI 48216

313-237-0277

Telephone

Numbers:

24 hr. Emergency Assistance: Infotrac 1-800-535-5053

Section 2 – Composition/Information on Ingredients

INGREDIENT	CAS #	% by Weight	Exposure Limits	LC₅₀/LD₅₀
Sodium Metasilicate	6834-92-0	<10	N/A	N/A
2-Butoxyethanol	111-76-2	<12	ACGIH (US) TWA: 20 ppm OSHA (US) TWA: 50 ppm	Oral LD ₅₀ : Acute: 1746 mg/kg (Rat).
Sodium Hydroxide	1310-73-2	<3	OSHA (PEL): TWA: 2 mg/m ³	N/A
Sodium Nitrite	7632-00-0	<2	Not Established	Not Established
Sodium Xylene Sulfonate	1300-72-7	<3	Not Established	Not Established
Biodegradable Chelant	144538-83-0	<2	Not Established	Oral LD ₅₀ >2,000 mg/kg (Rat)
Alkylbenzenesulfonic Acid	68584-22-5	<3	Not Established	Not Established

Section 3 – Hazards Identification

Emergency Overview: Potential Health Effects:

Skin: May produce burns. **Eyes:** Liquid or spray mist may produce tissue damage particularly on mucous membranes of eyes.

Inhalation: Spray mist may produce severe irritation of respiratory tract, characterized by coughing, choking, or shortness of breath.

Chronic: Prolonged exposure may result in skin burns and ulcerations. Severe over-exposure can produce lung damage. The amount of tissue damage depends on length of contact.

Section 4 – First Aid Measures

Eyes: Immediately flush eyes with running water for at least 15 minutes. Seek immediate medical attention.

Skin/Clothing: Wash with plenty of soap and water. Remove contaminated clothing. Seek medical attention if irritation occurs.

Inhalation: Immediately remove to fresh air. Seek medical attention.

Ingestion: Immediately drink 1-2 glasses of water or milk. Do not induce vomiting. Call local poison control center or physician for treatment advice.

Section 5 – Fire Fighting Measures

Flash Point: Not Established.

Extinguishing Media: Small Fire: Use dry chemical. Large Fire: Use water spray, fog or foam. Do not use water jet.

Fire Fighting Equipment & Instructions: Not available Hazardous Combustion Products: Not available

Section 6 – Accidental Release Measures

Personal Protection: Splash goggles, rubber boots, rubber gloves, protective clothing,

Small Spill and Leak: Absorb with inert material and place in appropriate waste disposal container.

Large Spill and Leak: Stop leak if you can do so without risk. Use appropriate means to put spilled material in a waste disposal container. Prevent entry into sewers and confined areas; dike if needed.

Section 7 – Handling & Storage

Handling Procedures: Avoid contact with eyes and skin. Avoid breathing vapors or spray mists. Wash thoroughly after handling.

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

Section 8 – Exposure Controls/Personal Protection

Engineering Controls: Good general ventilation should be sufficient.

Eyes/Face: Splash goggles.

Skin: Rubber gloves. And long pants and long sleeves to avoid skin contact.

Respiratory: In case of insufficient ventilation, wear suitable respiratory equipment.

Section 9 – Physical & Chemical Properties

Flash Point: N/A

Specific Gravity: 1.07

VOC Content: Not available

Evaporation Rate (Water = 1): 1

pH: 11.5 – 12.5

Melting/Freezing Point: Not available

Solubility: Soluble

Boiling Point: 212°F

Appearance and Odor: Purple or Clear Liquid, Detergent odor

Section 10: Stability & Reactivity

Chemical Stability: Stable

Incompatibilities: Strong acids. Acids

Hazardous Decomposition Products: Not available

Hazardous Polymerization: Will not occur.

Section 11 – Toxicological Information

Routes of Entry: Absorbed through skin. Eye contact. Inhalation. Ingestion.

Carcinogenicity: No Carcinogenicity data available for this product.

Toxicity to Animals:

Acute Oral LD50: 1746 mg/kg (Rats) (2-Butoxyethanol)

Acute Effects on Humans:

Primary Skin: Severe skin irritant. May cause reddening, swelling, and possible skin damage or skin burns.

Primary Eye: Corrosive to eyes.

Inhalation: Harmful if inhaled.

Ingestion: Irritating to mouth, throat and stomach. May cause headache, dizziness, nausea, vomiting and diarrhea.

CHEMICAL INGREDIENTS LISTED AS POTENTIAL OR KNOWN CARCINOGENS

INGREDIENT:	OSHA	NTP	IARC
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No ingredients listed in this section.

Section 12 – Ecological Information

Ecotoxicity: No data available for this product.

BOD5 and COD: Will not occur.

Environmental Fate: This product is biodegradable.

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 controlled under TDG (Canada)

Section 15 – Regulatory Information

TSCA Status

All ingredients are listed on the TSCA Chemical Inventory.

Other Chemical Inventories N/A

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: 2-Butoxyethanol: immediate health hazard, delayed health hazard.

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.
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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)
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No ingredients listed in this section.

State & Provincial Right to Know & Selected Regulatory Lists

No products were found.

Other Regulations: OSHA: Hazardous by definition of Hazard Communication Standard (29 CFR 1910.1200)

WHMIS Classification: E

Section 16 – Other Information

Hazard Ratings

Hazard Rating Scale:

4 = Extreme 1=Slight

3 = High 0= Insignificant

2 = Moderate

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.