

# MATERIAL SAFETY DATA SHEET

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## SECTION 1: PRODUCT and COMPANY IDENTIFICATION

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### Arch Chemicals, Inc.

501 Merritt 7 PO Box 5204  
Norwalk, CT 06856-5204  
For MSDS Questions: 1-800-511-MSDS  
Emergency telephone: (800) 654-6911

Issue Date: 12/15/98  
MSDS No.: 150000020304  
Rev: A  
PC:

For a transport accident or leak, fire or major spill, call **CHEMICAL EMERGENCY RESPONSE CENTER** (800) 424-9300.

**Material Name:** Shock UDV  
**Product Name:** Shock, UDV

*Read the entire MSDS for a complete hazard assessment.*

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## SECTION 2: COMPOSITION/INFORMATION on INGREDIENTS\*

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<u>CAS Number</u>	<u>% Conc<sup>+</sup></u>	<u>Ingredient Name</u>
Proprietary	100.0	Proprietary Ingredient

\*Ingredients not precisely identified are either proprietary or nonhazardous.  
Values are not product specifications. + Percent concentration by weight.

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## SECTION 3: HAZARDS IDENTIFICATION\*

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\*As defined by the OSHA Hazard Communication Standard, 29 CFR 1910.1200.  
See Section 8 for exposure guidelines & Section 11 for toxicology and ingredient specific information.

\*\*\*\*\* EMERGENCY OVERVIEW \*\*\*\*\*

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WHITE POWDER. NO ODOR.  
NO PHYSICAL HAZARDS.  
GASTROINTESTINAL IRRITATION. EYE  
IRRITANT. SKIN IRRITANT.  
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POTENTIAL HEALTH HAZARDS

Eye: This product contains a component(s) which is eye irritant based on commercially available information.

Skin: This product contains a component(s) which is skin irritant based on commercially available information.

Ingestion: In humans, irritation of the mouth, pharynx, esophagus, and stomach can develop following ingestion of this material.

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**SECTION 4: FIRST AID MEASURES**

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General First Aid Procedures

Eyes:

Immediately flush with plenty of water for at least 15 minutes. If redness, itching, or a burning sensation develops, have eyes examined and treated by medical personnel.

Skin:

Remove contaminated clothing and footwear while under a safety shower. Wash off of skin with plenty of soap and water. Get medical attention. Wash contaminated clothing and decontaminate footwear before reuse.

Ingestion:

DO NOT INDUCE VOMITING. Give one or two glasses of water to drink and refer to medical personnel or take direction from either a physician or a poison control center. Never give anything by mouth to an unconscious person.

Inhalation:

Remove victim to fresh air. If a cough or other respiratory symptoms develop, consult medical personnel.

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**SECTION 5: FIRE FIGHTING MEASURES**

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Flammable Properties

Flash Point: Not applicable  
Upper Flammability Limit (UEL): No Data  
Lower Flammability Limit (LEL): No Data  
Autoignition Temperature: No Data

Products of combustion:

Normal combustion products.

Extinguishing media:

Water fog, foam, carbon dioxide, dry chemical, halogenated agents.

Fire fighting instructions:

Self-contained breathing apparatus with full facepiece and protective clothing if involved in a fire of other materials.

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**SECTION 6: ACCIDENTAL RELEASE MEASURES**

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Spill procedures:

Wear skin and eye protection during cleanup.  
Recover material into a chemical waste container. Do not mix or contaminate with incompatible materials. Cover container and remove from work area.

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**SECTION 7: HANDLING and STORAGE**

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Handling:

Avoid breathing particulates.  
Prevent skin and eye contact.  
Normal chemical handling and storage.

Storage:

Store in a cool area with good ventilation.

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**SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION**

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Exposure guidelines:

No ACGIH TLV or OSHA PEL assigned to this product. Minimize exposure in accordance with good hygiene practice.

Engineering controls:

Use permitted ventilation adequate to maintain safe levels.

PROTECTIVE EQUIPMENT

Respiratory protection:

Use NIOSH certified full facepiece respirator for dusts where exposure to the dust may occur.

Protective clothing:

Impervious gloves and apron.  
Wash separately from other laundry.

Eye protection:

Safety glasses with side shields.

Other:

Eyewash station and safety shower in work area.

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**SECTION 9: PHYSICAL and CHEMICAL PROPERTIES**

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Physical State: Powder

Appearance: White

Odor: None

Odor Threshold: No Data

Boiling Point: No Data

Decomposition Temperature: No Data

Melting Point: No Data

Vapor Pressure (mm Hg at 20°C): No Data

Vapor Density (air = 1): No Data

Solubility in Water: N/A

Solubility in Other: No Data

Octanol/Water Partition Coefficient: No Data

pH: 3.30 (10% solution in water)

Specific Gravity: No Data

Bulk Density: No Data

% Volatile by Volume: No Data

VOC (%): No Data

Viscosity: No Data

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**SECTION 10: STABILITY and REACTIVITY**

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Chemical Stability

Stable under normal conditions.

Conditions to avoid:

None known.

Incompatibility:

Alkaline materials.

Oxidizing agents.

Attacks mild steel.

MSDS (continued) Shock UDV  
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Hazardous polymerization:  
Not known to occur.

Hazardous decomposition products:  
No Data

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**SECTION 11: TOXICOLOGICAL INFORMATION**

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Regulated carcinogen(s):  
This product contains no components present at concentrations equal to or greater than 0.1% listed by IARC, OSHA, NTP or ACGIH as a carcinogen.

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**SECTION 12: ECOLOGICAL INFORMATION**

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Ecotoxicity:  
No Data

Environmental fate:  
No Data

Other:  
No Data

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**SECTION 13: DISPOSAL CONSIDERATIONS**

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Disposal method:  
Dispose of properly.

Container disposal:  
Empty container retains product residue. Observe all hazard precautions. Do not distribute, make available, furnish or reuse empty container except for storage and shipment of original product. Remove all product residue. Puncture or otherwise destroy empty container and dispose of in a facility permitted for nonhazardous waste.

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**SECTION 14: TRANSPORT INFORMATION**

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Not regulated by the US DOT.

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**SECTION 15: REGULATORY INFORMATION**

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TSCA (Toxic Substances Control Act):  
All ingredients are on the TSCA Chemical Substances Inventory.

SARA Title III (Emergency Planning and Community Right-To-Know Act):  
313 Reportable ingredients:  
This product does not contain any chemicals subject to the reporting requirements of SARA Section 313.

California Proposition 65:  
This product is not known to contain any chemicals known to the State of California to cause cancer or birth defects or other reproductive harm.

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Canadian Regulations:

CEPA (Canadian Environmental Protection Act): All ingredients NOT confirmed on the DSL (Domestic Substances list).

WHMIS Classifications:

This is not a (WHMIS) controlled product in Canada.

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**SECTION 16: OTHER INFORMATION**

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We assigned NFPA and HMIS ratings to this product based on the hazards of its ingredient(s). Because the customer is most aware of the application of the product, he must ensure that the proper personal protective equipment (PPE) is provided consistent with information contained in the product MSDS.\*

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NFPA Rating:

Health: 1  
Fire: 0  
Reactivity: 0  
Special: No Data

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HMIS Rating:

Health: 1  
Fire: 0  
Reactivity: 0  
\*\*Personal Protection: No Data

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\*This information is intended solely for the use of individuals trained in the particular hazard rating system.

\*\*See appropriate MSDS section.

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Revision status:

Version number: 0003

MSDS Version date: 12/15/98

Revision: No Data

Issue date: 12/15/98

Revision:

The information herein is given in good faith but no warranty, expressed or implied, is made.

Prepared by: PJR/EL

Approved by: TW/KRB/BGH

Approval date: 12/11/98

THE PRODUCT NAMES LISTED ARE TRADEMARKS OF ARCH CHEMICALS, INC. OR ITS AFFILIATED COMPANIES.

The information herein is given in good faith but no warranty, expressed or implied, is made.

This MSDS was prepared by the Safety, Health and Environment Group of at 501 Merritt, Norwalk, CT 06856. For further questions, call during regular business hours at 1-800-511-MSDS.