

# 1. Product and Company Identification

**Product Identifier:** Super Absorbent

**Product Description:** light brown/white

**COMPANY PROFILE:** Arrow Chemical Corp.  
28 Rider Place  
Freeport, NY 11520  
(516)377-7770

**24 HOUR EMERGENCY TELEPHONE:**

**Infotrac:** 1-800-535-5053 (North America)  
1-352-323-3500 (International)

# 2. Hazards Identification

May cause eye and skin irritation. May cause respiratory and digestive tract irritation. This is expected to be a low hazard for usual industrial handling.

**GHS Classification:** Acute toxicity, dermal, category 5  
Acute toxicity, inhalation, category 5

**GHS Label Elements**

**Signal Word:** Warning

H313 May be harmful in contact with the skin H335 May cause respiratory irritation

H333 May be harmful if inhaled , May form combustible dust concentrations in air

**Precautionary Statements:**

IF SKIN irritation occurs: Get medical advice/attention

IF INHALED: If breathing is difficult, remove victim to fresh air and keep at rest in a position comfortable for breathing.

If in eyes, rinse cautiously with water for several minutes – remove contact lenses

If eye irritation persists, get medical advice.

# 3. Composition/Information on Ingredients

Ingredient/CAS	Percent%	OSHA PEL	ACGIH
Cellulose: C.A.S. # Not Available	50-70%	NA	NA
Absorbent Polymer: C.A.S. # Mixture	25-50%	NA	NA
Proprietary Fragrance C.A.S. # Not Available	1-5%	OSHA PEL: Not Available	ACGIH: Not Available

Specific chemical identity and/or exact percentage of composition has been withheld as a trade secret.

# 4. First Aid Measures

**Eye Contact:** Flush with water for 15 minutes.

**Ingestion:** Ingestion of small quantities is not considered harmful, however, if discomfort occurs, seek medical attention.

**Inhalation:** Remove to fresh air if breathing difficulties occur.

**Skin Contact:** Wash with soap and water

## 5. Fire Fighting Procedures

**Extinguishing Media:** : water.

**Special Fire Fighting Procedures:** Unused form: Not applicable. If it has been used, wear self-contained breathing apparatus and refer to absorbed liquid(s) SDS(s).

**Hazardous Combustion Products:** Not established

**Unusual Hazards:** Non expected

## 6. Accidental Release Measures

**Spill or Leak Procedures:** If material is unused, sweep up and place in suitable disposal container for disposal. If sweeping, dampen with water spray to avoid creating dust.

## 7. Handling and Storage

**Handling Precautions:** Avoid creating dust.

**Storage Precautions:** Room temperature. Shelf Life: Indefinite - as long as product is kept in a clean, dry place away from direct sunlight.

**General:** Refer to absorbed liquid(s) SDS(s). The container can be hazardous when empty. Follow label cautions even after the container is empty. Do not re-use empty containers for food, clothing or products for human or animal consumption, or where skin contact may occur.

## 8. Exposure Controls/Personal Protection

**Engineering Controls:** Provide general and/or local exhaust ventilation to keep concentrations below PEL/TLV.

### PERSONAL PROTECTION

**Eyes:** Safety glasses with side shields is good industrial practice.

**Respirator:** Use NIOSH/MSHA approved dust respirator if material is used in unventilated area, or if dust concentrations exceed specified exposure limits.

**Gloves:** Should be worn by persons with existing skin lesions. Use of cloth, canvas or leather gloves is a good industrial practice.

**Other:** None required

### OSHA HAZARDOUS COMPONENTS (29 CFR 1910.1200):

EXPOSURE LIMITS 8 hrs.

TWA (ppm)	OSHA PEL
Cellulose - Total	15 mg/m <sup>3</sup>
Cellulose - Respirable	5 mg/m <sup>3</sup>

## 9. Physical and Chemical Properties

**Appearance:** Free flowing, light brown cellulose material (pellets)

**Odor:** Lemon **Odor Threshold:** Not applicable

**pH:** *Inner Material:* 7.4

**Melting Point/Freezing Point:** Not applicable **Initial Boiling Point and Range:** Not applicable **Flash Point:** 350°F (177°C)

**Method:** Open Cup **Flash Point:** 388°F (198° C) **Method:** Closed Cup **Evaporation**

**Rate:** Not applicable

**Flammable Limits:** Not established

**Conditions of Flammability:** Not established

**Explosive Properties:** Minimum explosive concentration of 0.045 oz/ft<sup>3</sup>

**Vapor Pressure:** Not applicable **Vapor Density:** Not applicable **Relative Density (H<sub>2</sub>O = 1):** 0.8 – 1.2

**Solubility in Water:** Practically insoluble

**Auto-ignition Temperature:** Not established

## 10. Stability and Reactivity

**General:** This is a stable material. **Conditions of Reactivity:** Not established. **Incompatible Materials:** Oxidizers, caustics and acids;

e.g., hydrogen peroxide, bromide, chromic acid (no hazardous reactions are expected under normal industrial use).

**Conditions to Avoid:** Mixing with incompatible materials. Excessive heat >300°F (>149°C)

**Hazardous Decomposition:** None

**Hazardous Polymerization:** Will not occur

## 11. Toxicological Information

**Target Organs:** No data available

**POTENTIAL HEALTH EFFECTS: Eye Contact:** May cause irritation

**Ingestion:** No effect, if a small quantity

**Inhalation:** Breathing of dust may aggravate acute or chronic asthma and other pulmonary diseases.

**Skin Contact:** May cause irritation in persons with existing skin lesions.

**Chronic:** Not applicable **LD50:** Not available **LC50:** Not available

**Carcinogenicity:** IARC: Not established

National Toxicology Program: Not established

OSHA: Not established

California Prop 65: No listed ingredient

**Reproduction Toxicity:** Not available **Teratogenicity:** NA

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**Carcinogenicity:** IARC: Not established

National Toxicology Program: Not established

OSHA: Not established

California Prop 65: No listed ingredient

**Reproduction Toxicity:** Not available **Teratogenicity:** Not available **Mutagenicity:** Not available **Synergistic**

**Products:** Not available

**Cellulose:**

Ingestion: The oral LD50 for rats is > 5000 mg/kg. Skin: The dermal LD50 for rats is > 2000 mg/kg. LC50: Inhalation, Rat: 5800 mg/m<sup>3</sup>, 4 hours

## 12. Ecological Information

No data available

## 13. Disposal Considerations

**Waste Disposal Method:** If unused, no special precautions are necessary. Dispose of in accordance with federal, state and local regulations. In certain types of cleanup applications the nature of the material recovered will classify the resulting spent material. In such instances the material should be disposed of via an approved hazardous waste disposal service and the appropriate manifesting obtained.

#### 14. Transport Information

**DOT (Department of Transportation): Proper Shipping Name:** Not regulated **Hazard Class:** Not regulated  
**Identification Number:** Not applicable

#### 15. Regulatory Information

**CERCLA (Comprehensive Environmental Response Compensation and Liability Act):** No Reportable Quantity  
**SARA Title III (Superfund Amendments and Reauthorization Act):** No listed ingredient  
**TSCA (Toxic Substances Control Act):** All ingredients are listed.

#### 16. Other Information

**HMIS Hazard Ratings:**    **Health - 0**            **Fire - 1**  
                                 **Reactivity – 0**        **PPE - NA**

**Prepared by:** S t a f f  
**Revision:** New  
**Reason for Revision:**  
**Date:** 05/01/15

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