

**Section 1 Identification**

**Product identifiers**

Product name: Freeman A-60 Accelerator

**Relevant identified uses of the substance or mixture and uses advised against**

Identified uses: Solvent

**Details of the supplier of the safety data sheet:**

Freeman Manufacturing and Supply Company  
1101 Moore Road, Avon, OH 44011  
Telephone (440) 934-1902  
Website: <https://www.freemansupply.com>

**24 Hour Emergency Phone Number**  
**CHEMTREC (800) 424-9300**

**Section 2 Hazards Identification**

**GHS Classification in accordance with 29 CFR 1910.1200 (OSHA HCS)**

Not Hazardous

**GHS Label elements**

**Hazard Symbols:** None  
**Signal Word:** None  
**Hazard Statements:** None

**Precautionary Statements**

**Prevention:** P264 Wash hands thoroughly after handling.  
P280 Wear protective gloves, clothing, and eye/face protection.

**Response:** P301+P312 IF SWALLOWED: Call POISON CENTER and/or doctor if you feel unwell.  
P302+P352 IF ON SKIN: Wash with plenty of soap and water.  
P332+P313 If skin irritation occurs: Get medical attention.  
P362+P364 Take off contaminated clothing and wash it before reuse.  
P304+P312 IF INHALED: Call POISON CENTER if you feel unwell.  
P305+P351 +P338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.  
P337+P313 If eye irritation persists: Get medical attention.  
P308+P313 IF exposed or concerned: Get medical attention.  
P391 Collect spillage.

**Storage:** P403+P233 Store in a well-ventilated place. Keep container tightly closed.

**Disposal:** P501 Dispose of contents and containers in accordance with local, regional and international regulations.

**Section 3 Composition/Information on Ingredients**

Chemical Name	CAS Number	Weight Concentration %
Distilled Tall Oil	8002-26-4	90 - 100

**Section 4 First Aid Measures**

**Description of first aid measures**

**Inhalation:** If affected, remove to fresh air. If breathing is difficult, give oxygen. If not breathing, give artificial respiration. Seek medical attention if breathing difficulties continue.

**Section 4 First Aid Measures continued**

- Skin:** Remove contaminated clothing and shoes. Wash the affected area with plenty of soap and water until no evidence of the material remains (at least 15-20 minutes). Launder clothing before reuse. Get medical attention if symptoms occur.
- Eyes:** Immediately flush eyes with plenty of clean water for an extended time, not less than fifteen (15) minutes. Flush longer if there is any indication of residual chemical in the eye. Ensure adequate flushing of the eyes by separating the eyelids with fingers and roll eyes in a circular motion. Seek medical attention if irritation develops or persists.
- Ingestion:** Do not induce vomiting. Never give anything by mouth to an unconscious person. Rinse out the mouth with water. Get medical attention if you feel unwell.

**Most important symptoms and effects, acute and delayed**

Irritation. Pre-existing skin problems and respiratory conditions may be aggravated by prolonged or repeated contact. See section 11 for additional information.

**Indication of immediate medical attention and special treatment needed**

Treat symptomatically.

**Section 5 Fire-Fighting Measures**

**Extinguishing media**

- Suitable:** Alcohol-resistant foam, dry chemical or carbon dioxide, water spray.  
**Unsuitable:** Do not use full-force water jet in order to avoid dispersal and spread of fire.

**Unusual fire and explosion hazards**

This product is an inorganic dust and will not create nor support conditions that would result in a dust explosion or fire. Product resists ignition and does not promote flame spread.

**Hazardous combustion products**

Irritating or toxic substances may be emitted upon burning, combustion or decomposition. See Section 10 Hazardous decomposition products for additional information.

**Advice for firefighters**

Wear self-contained breathing apparatus (SCBA) equipped with a full-face piece and operated in a pressure-demand mode (or other positive pressure mode) and approved protective clothing. Personnel without suitable respiratory protection must leave the area to prevent significant exposure to hazardous gases from combustion, burning or decomposition. In an enclosed or poorly ventilated area, wear SCBA during cleanup immediately after a fire as well as during the attack phase of firefighting operations. See section 9 for additional information.

**Section 6 Accidental Release Measures**

**Personal precautions, protective equipment and emergency procedures**

See Section 8 for recommendations on the use of personal protective equipment. If spilled in an enclosed area, ventilate: Eliminate ignition sources. Personal Protective Equipment must be worn. Avoid dust formation. Avoid breathing dust. Ensure adequate ventilation.

**Environmental precautions**

Do not let product enter drains, water systems or surface waters.

**Methods and materials for containment and cleaning up**

Wear proper personal protective clothing and equipment. Pick up and arrange disposal without creating dust. Vacuum, sweep up or shovel and place into labeled, closed container; store in safe location to await disposal. Do not create dust cloud by using a brush or compressed air. Change contaminated clothing and launder before reuse.

**Section 7 Handling and Storage**

**Precautions for safe handling**

As with any chemical product, use good laboratory/workplace procedures. Do not cut, puncture, or weld on or near the container. Use under well-ventilated conditions. Wash thoroughly after handling this product. Always wash up before eating, smoking or using the facilities. Avoid eye and skin contact. Avoid inhalation of aerosol, mist, spray, fume, vapor or dust generated by this product. Avoid drinking, tasting, swallowing or ingesting this product. Wash contaminated clothing and shoes before reuse. Take precautions against static discharges.

**Conditions for safe storage, including any incompatibilities**

Keep away from heat, sparks and open flames. Store dry at 15-40oc under well-ventilated conditions. Store this material away from incompatible substances (see section 1 0). Do not store in open, unlabeled or mislabeled containers. Keep container closed when not in use. Empty container contains residual product which may exhibit hazards of product. Do not reuse empty container without commercial cleaning or reconditioning. Do not store together with volatile chemicals as they may be absorbed onto product.

**Section 8 Exposure Controls/Personal Protection**

**Components with workplace control parameters**

No data available

**Appropriate engineering controls**

Always provide effective general and, when necessary, local exhaust ventilation to draw spray, aerosol, fume, mist, vapors and dust away from workers to prevent routine inhalation. Ventilation must be adequate to maintain air concentrations below occupational exposure standards. When necessary, use mechanical handling to reduce human contact with materials. If necessary, use local exhaust ventilation and process enclosure to control airborne dust.

**Individual protection measures, Personal Protective Equipment (PPE)**

**Eye/face:** Use safety glasses equipped with side shields. If splashes are likely to occur, wear goggles.

**Skin:** Wear chemical resistant (impervious) gloves; PVC, neoprene, nitrile rubber, EVAL, butyl rubber. Wear chemical resistant protective clothing. Replace contaminated gloves.

**Respiratory:** Wear dust mask with P2 filter or an approved respirator (e.g., an organic vapor respirator, a full-face air purifying respirator for organic vapors, or a self-contained breathing apparatus) whenever exposure to aerosol, mist, spray, fume, vapors or dust exceed the applicable exposure limit(s) of any chemical substance listed in this SDS.

**Safety Stations**

Eyewash stations, safety showers, and washing facilities are recommended in the work area.

**General Hygienic Practices**

Avoid breathing vapor or mist. Avoid contamination of food, beverages, or smoking materials.

Wash thoroughly after handling, and before eating, drinking or smoking. Remove contaminated clothing promptly and clean thoroughly before reuse.

**Section 9 Physical and Chemical Properties**

<b>Appearance</b>	Yellow liquid	<b>Evaporation Rate</b>	No data available
<b>Odor</b>	Slight	<b>Flammability (solid, gas)</b>	No data available
<b>Odor Threshold</b>	No data available	<b>Lower Explosive Limit</b>	No data available
<b>pH</b>	No data available	<b>Upper Explosive Limit</b>	No data available
<b>Melting Point</b>	No data available	<b>Vapor Pressure</b>	No data available
<b>VOC Content</b>	No data available	<b>Vapor Density</b>	No data available
<b>Boiling Point</b>	No data available	<b>Specific Gravity</b>	0.9
<b>Flash Point (Closed Cup)</b>	199°C		

**Section 9 Physical and Chemical Properties**

<b>Water Solubility</b>	No data available	<b>Viscosity</b>	No data available
<b>Partition Coefficient (n-octanol/water)</b>	No data available	<b>Explosive Properties</b>	No data available
<b>Auto-ignition Temperature</b>	No data available	<b>Oxidizing Properties</b>	No data available

**Section 10 Stability and Reactivity**

<b>Reactivity</b>	No information available.
<b>Chemical stability</b>	Stable under recommended storage conditions and use.
<b>Possibility of hazardous reactions</b>	Hazardous polymerization does not occur.
<b>Conditions to avoid</b>	Heat and open flames.
<b>Incompatible materials</b>	Strong oxidizing agents.
<b>Hazardous decomposition</b>	Carbon monoxide and carbon dioxide.

**Section 11 Toxicological Information**

<b>Information on likely routes of exposure</b>	
Ingestion. Skin.	
<b>Acute toxicity</b>	
<b>Oral toxicity</b>	LD50 Rat >6,000 mg/kg
<b>Inhalation toxicity</b>	No information available
<b>Dermal toxicity</b>	LD50 Rabbit >2,000 mg/kg
<b>Symptoms</b>	
<b>Skin Contact:</b>	May cause skin irritation.
<b>Eye Contact:</b>	Contact with eyes may cause irritation.
<b>Inhalation:</b>	Health injuries are not known or expected under normal use. May cause irritation of respiratory tract.
<b>Ingestion:</b>	Health injuries are not known or expected under normal use.
<b>Aspiration Hazard:</b>	No information available
<b>Delayed and immediate effects as well as chronic effects from short and long-term exposure</b>	
<b>Chronic Toxicity:</b>	No information available.
<b>Sensitization:</b>	No information available.
<b>Mutagenic Effects:</b>	No information available
<b>Carcinogenic effects:</b>	Not considered carcinogenic by IARC, ACGIH, NTP, or OSHA.
<b>Reproductive toxicity</b>	
<b>Reproductive Effects:</b>	No information available
<b>Developmental Effects:</b>	No information available
<b>Teratogenic Effects:</b>	No information available
<b>Specific Target Organ Toxicity (STOT)</b>	
- single exposure	No information available
- repeated exposure	No information available

**Section 12 Ecological Information**

<b>Ecotoxicity</b>	No data available
<b>Persistence and degradability</b>	No data available
<b>Bioaccumulative potential</b>	No data available
<b>Mobility in soil</b>	No data available
<b>Results of PBT &amp; vPvB assessment</b>	No data available

**Section 13 Disposal Considerations**

Dispose of unused contents (incineration) in accordance with national and local regulations. Dispose of container in accordance with national and local regulations. Ensure the use of properly authorized waste management companies, where appropriate. See section 8 for recommendations on the use of personal protective equipment.

**Section 14 Transport Information**

**DOT/IMDG/IATA:** Not dangerous goods

**Section 15 Regulatory Information****Safety, health and environmental regulations**

**EU Regulation (EC) No. 1907/2006 (REACH):** Annex XIV- List of substances subject to authorization, Substances of very high concern: None of the components are listed  
Annex XVII - Restrictions on the manufacture, placing on the market and use of certain dangerous substances, mixtures and articles: None of the components are listed

**SARA 311/312:** None

**SARA 313:** This material does not contain any chemical components with known CAS numbers that exceed the threshold (De Minimis) reporting levels established by SARA Title III, Section 313.

**California Proposition 65:** This product does not contain chemicals which are known to the State of California to cause cancer or other reproductive harm.

For more information, go to [www.P65Warnings.ca.gov](http://www.P65Warnings.ca.gov).

**Inventories**

U.S. TSCA-Present, Korea KECL KE-32774, Philippines (PICCS)-Present, Japan ENCS (7)-977 (8)-338, China-Present, Australia (AICS)-Present, EINECS-No. 232-304-6

**Section 16 Other Information****Disclaimer**

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