

Section 1: Identification
Product Identifiers

Product name **Aron Alpha Type PP Primer E**
 Product number **AA671**

Recommended use of & restrictions on use
 Primer for Aron Alpha

Emergency telephone number

CHEMTREC (800) 424-9300

Manufacturer's Information

Manufacturer's Name

Toagosei America Inc.
 1450 West Main Street
 West Jefferson, OH 43162

Telephone: (614) 879-9411

Section 2 – Hazard Identification

Classification of the substance or mixture

Classification according to 1910.1200:

Flammable Liquids	Category 2
Serious Eye Irritation	Category 2A
Skin Sensitization	Category 1A
Specific Toxic Organ Toxicity-Single Exposure (STOT-SE)	Category 1 (Central Nervous System, Eyes)
Specific Toxic Organ Toxicity-Single Exposure (STOT-SE)	Category 3, (Respiratory, Central Nervous System)
Specific Toxic Organ Toxicity-Repeated Exposure (STOT-RE)	Category 2 (Inhalation & Nervous System)

Label Elements



Pictograms

Flame Health Hazard Exclamation mark

Signal word

Danger

Hazard statements

Highly flammable liquid and vapor.
 Causes serious eye irritation.
 May cause an allergic skin reaction.
 May cause damage to organs.
 May cause respiratory irritation.
 May cause drowsiness or dizziness.
 May cause damage to organs through prolonged or repeated exposure.

Precautionary statements*Prevention*

Keep away from heat/sparks/open flames/hot surfaces. – No smoking.
Keep container tightly closed.
Ground container and receiving equipment.
Use explosion-proof electrical/ventilating/ lighting equipment.
Use only non-sparking tools.
Take precautionary measures against static discharge.
Wear protective gloves and eye protection.
Wash hands thoroughly after handling.
Do not breathe fumes or vapors.
Contaminated work clothing must not be allowed out of the workplace.
Do not eat, drink or smoke when using this product.
Use only outdoors or in a well-ventilated area.

Response

If on skin (or hair): Take off immediately all contaminated clothing. Wash skin with plenty of water.
In case of fire: Use dry chemical or carbon dioxide (CO₂) to extinguish.
If in eyes: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. If eye irritation persists: Get medical attention.
If skin irritation or rash occurs: Get medical advice/attention.
Wash contaminated clothing before reuse.
If exposed: Call a poison center or doctor
If inhaled: Remove person to fresh air and keep comfortable for breathing.
Call a poison center or doctor if you feel unwell.
Get medical attention if you feel unwell.

Storage

Store locked up, in a cool, well-ventilated place.

Disposal

Dispose of contents/container in accordance with local/regional/national/international regulations.

Hazards Not Otherwise Classified

No data available.

Section 3 – Composition/Information on Ingredients

Chemical Name	Common Name/Synonyms	CAS Number	Concentration %
Ethyl Alcohol	Ethanol	64-17-5	>85
Ethyl Acetate		141-78-6	1-5
Methanol		67-56-1	3-5
Triphenyl Phosphine		603-35-0	<5

*Nonhazardous ingredients are not listed and make up the balance of the product.

Section 4 – First-Aid Measures

Description of first aid measures

Ingestion: Do not induce vomiting. Do not leave unattended. Never give anything by mouth to an unconscious person. Call a physician.

Inhalation: If inhaled, remove person to fresh air and keep comfortable for breathing. If not breathing, give artificial respiration, preferably mouth-to-mouth. If breathing is difficult, give oxygen. Call a physician.

Skin: Wash with plenty of water. Take off immediately all contaminated clothing. Wash contaminated clothing before reuse. If skin irritation occurs: Get medical advice/attention.

Eyes: In case of contact with eyes, flush with copious amounts of water for at least 15 minutes. Assure adequate flushing by separating the eyelids with fingers. Call a physician.

Most important symptoms/effects, acute and delayed

The most important symptoms or effects are described in Section 2 and 11.

Indication of immediate medical attention & special treatment needed. - No data available.

Section 5 – Fire-Fighting Measures

Extinguishing media

Suitable – Use dry chemical or carbon dioxide (CO₂) to extinguish fire.

Unsuitable – No data available.

Special hazards arising from the chemical – Carbon oxides.

Special protective equipment and precautions for fire-fighters – Wear full firefighting turn-out gear (full Bunker gear) and respiratory protection (SCBA).

Section 6 - Accidental Release Measures

Personal precautions, protective equipment and emergency procedures

Use personal protective recommended in Section 8. Isolate the hazard area and deny entry to unnecessary and unprotected personal. Avoid breathing vapors, mist or gas. Ventilate area. Eliminate all sources of ignition.

Environmental Precautions

Prevent entry into drains, natural bodies of water and the environment.

Methods and materials for containment and clean up

Containment – Material may be taken up with a non-combustible absorbent material (sand or clay).

Clean-up – Eliminate all sources of ignition. Place in container for disposal according to local/national regulations (see section 13).

Section 7 – Handling and Storage

Precautions for safe handling

Handle in accordance with good industrial hygiene and safety practices. These practices include avoiding unnecessary exposure and removal of the material from eyes, skin and clothing. Wash thoroughly after handling. Avoid inhalation of vapor or mist. Static ignition hazard can result from handling and use. Electrically bond and ground all containers, personnel and equipment before transfer or use.

Conditions for safe storage

Keep container tightly closed in a dry and well-ventilated place. Containers which are opened must be carefully resealed and kept upright to prevent leakage. Store in cool place.

Incompatibilities

Keep away from heat, sparks, flame, and other ignition sources.

Section 8 – Exposure Controls/Personal Protection

Exposure guidelines

Component	OSHA	ACGIH		Units
	TWA	TWA	STEL	
Ethyl Alcohol	1,000	1,000	1,000	ppm
Ethyl Acetate	400	400	N.E.	ppm
Methanol	200	200	250	ppm

N. E. = Not Established

Engineering controls

The following exposure control techniques may be used to effectively minimize employee exposure: local exhaust ventilation, enclosed system design, process isolation and remote control in combination with appropriate use of personal protective equipment and prudent work practices.

These techniques may not necessarily address all issues pertaining to your operations. We, therefore, recommend that you consult with experts of your choice to determine whether or not your programs are adequate.

Personal protective equipment

Eye/face protection – Wear safety goggles.

Skin protection – Wear impervious gloves as required to prevent skin contact.

Respiratory protection – Where air contaminants can exceed acceptable criteria, use NIOSH/MSHA approved respiratory protection equipment. Respirators should be selected based on the form and concentration of contaminants in air in accordance OSHA laws and regulations or other applicable standards or guidelines, including ANSI standards regarding respiratory protection.

Section 9 – Physical and Chemical Properties

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|--|---|
| a) Appearance: Slightly yellow liquid | k) Vapor pressure: 40 (mmHg @ 20°C), 5333 (Pa @ 20°C) |
| b) Odor: Sweet, similar to gasoline | l) Vapor density: 3.5 (AIR=1) |
| c) Odor threshold: No data available | m) Relative density: 0.697 (Water = 1 @ 25°C) |
| d) pH: No data available | n) Solubility in water: Soluble |
| e) Melting point/freezing point:
-91°C/-132°F | o) Partition coefficient: No data available |
| f) Initial boiling point and boiling range: 77°C/171°F | p) Auto-ignition temperature: No data available |
| g) Flash point: 11°C/52°F | q) Decomposition temperature: No data available |
| h) Evaporation rate – No data available | r) Viscosity: No data available |
| i) Flammability: No data available | s) VOC content: No data available (SCAQMD Method 316B) |
| j) Upper/lower flammability or explosive limits:
Lower explosion limit: 2.2
Upper explosion limit: 19 | |

Section 10 – Stability and Reactivity

Reactivity – No data available

Chemical stability – Stable under recommended storage conditions

Possibility of hazardous reactions – No data available

Conditions to avoid – Sparks, heat and flames.

Incompatible materials – Strong oxidizing agents, reducing agents, alkalis, acids.

Hazardous decomposition products – Carbon dioxide and carbon monoxide

Section 11 – Toxicological Information

Information on likely routes of exposure

Inhalation – May cause drowsiness or dizziness.

Ingestion – No data available.

Skin – May cause an allergic skin reaction.

Eye – Causes serious eye irritation.

Symptoms related to physical, chemical and toxicological characteristics

Stomach or intestinal upset (nausea, vomiting, diarrhea), irritation (nose, throat, airways), CNS depression (dizziness, drowsiness, weakness, fatigue, nausea, headache, unconsciousness), visual impairment and death.

Delayed and immediate effects & also chronic effects from short & long term exposure

No data available.

Numerical measures of toxicity

No data available.

Carcinogenicity

NTP – No component of this product present at levels greater than or equal to 0.1% is identified as a known or anticipated carcinogen by NTP.

IARC – – No components of this product present at levels greater than or equal to 0.1% is identified as a carcinogen or potential carcinogen by OSHA.

OSHA – No components of this product present at levels greater than or equal to 0.1% is identified as a carcinogen or potential carcinogen by OSHA.

Section 12 – Ecological Information

Ecotoxicity – No data available.

Persistence and degradability – No data available.

Bioaccumulative potential – No data available.

Mobility in soil – No data available.

Other adverse effects – No data available.

Section 13 – Disposal Considerations

Disposal should be in accordance with applicable local, regional and national laws and regulations. Local regulations may be more stringent than regional or national requirements. May contain explosive vapors. DO NOT cut, puncture or weld on or nearby.

Contaminated packaging – Dispose of as unused product.

Section 14 – Transport Information

UN number – UN 1170

UN proper shipping name – Ethyl Alcohol Solution

Transport hazard class(es) – Class 3

Packing Group – II

Environmental hazards – No data available.

Transport in bulk – No data available.

Special precautions – No data available.

Section 15 – Regulatory Information

US Federal Regulations

SARA Title III: Section 311/312

Fire hazard
Acute health hazard
Chronic health hazard

SARA Title III: Section 313 & 40 CFR Part 372

This product contains the following toxic chemical(s) subject to the reporting requirements of Section 313 of Title III of the Superfund Amendments and Reauthorization Act of 1986, and Subpart C-Supplier Notification Requirement of 40 CFR Part 372.

None required per SARA Title III Section 313

TSCA Section 8(b) Inventory

All reportable chemical substances are listed on the TSCA inventory. We rely on certifications of compliance from our suppliers for chemical substances not manufactured by us.

Canadian Regulations

Workplace Hazard Materials Information System (WHMIS)

This product has been classified in accordance with the hazard criteria of the Controlled Products Regulation (CPR) and the SDS contains all the information required by the CPR.

Class B, DIV 2

Canadian Environmental Protection Act (CEPA)

All reportable chemical substances are listed on the Domestic Substance List (DSL) or otherwise comply with CEPA new substance notification requirements.

National Pollutant Release Inventory

This product contains the following chemical(s) subject to the reporting requirements of the Canadian Environmental Protection Act (CEPA) subsection 16 (1), National Pollutant Release Inventory.

None

State and Local Regulations

California Prop. 65

WARNING: : This product can expose you to chemicals including cumene, benzene, ethylbenzene, naphthalene and methyl isobutyl ketone, which are known to the State of California to cause cancer, and methanol, toluene , benzene and methyl isobutyl ketone, which are known to the State of California to cause birth defects or other reproductive harm.

For more information go to: www.P65Warnings.ca.gov/

Ingredient	CAS Number
Benzene	71-43-2
Cumene	98-82-8
Ethylbenzene	100-41-4
Naphthalene	91-20-3
Methyl Isobutyl Ketone	108-10-1
Toluene	108-88-3

Section 16 – Other Information

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