

Section 1: Identification
Product Identifiers

Product name **Aron Alpha Type Setter E5**

Product number **AA-711**

Recommended use of & restrictions on use

Activator 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
Carcinogenicity	Category 2
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

Label Elements
Pictograms


Flame



Health Hazard



Exclamation mark

Signal word

Danger

Hazard statements

Highly flammable liquid and vapor

Causes serious eye irritation

Suspected of causing cancer

Causes 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 flames and hot surfaces—No smoking.
Keep container tightly closed.
Ground/Bond container and receiving equipment.
Use explosion-proof electrical/ventilating/lighting equipment.
Use only non-sparking tools.
Wash thoroughly after handling.
Take precautionary measures against static discharge.
Wear protective gloves/eye protection/face protection.
Do not breathe fumes/vapors.
Do not eat, drink, or smoke when using this product.
Obtain special instructions before use.
Do not handle until all safety instructions have been read and understood.
Use only outdoors or in a well-ventilated area.

Response

In case of fire: Use dry chemical or carbon dioxide (CO₂) to extinguish.
IF ON SKIN (or Hair): Wash with plenty of water. Take off immediately all contaminated clothing.
Wash contaminated clothing before reuse.
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 exposed or concerned: Call the poison control center or doctor. Get medical attention.
Get medical advice/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 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
N,N,4-Trimethylbenzeneamine	N,N-Dimethyl-p- toluidine	99-97-8	5-7

*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. Rinse mouth with water if conscious. Never give anything by mouth to an unconscious person. Call a physician.

Inhalation: Remove person to fresh air and keep comfortable for breathing. Call a POISON CENTER or doctor if you feel unwell. If not breathing, give artificial respiration, preferably mouth-to-mouth. If breathing is difficult, give oxygen.

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 – N/A.

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

Store in a well-ventilated place. Keep cool.

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

- | | |
|--|---|
| 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: 0.7 (Water = 1 @ 25°C) |
| d) pH: No data available | n) Solubility in water: Partially Insoluble |
| 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 – No data available.

Eye – No data available.

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 –N,N-Dimethyl-p- toluidine is a Group 2B: Possibly carcinogenic to humans.

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, methyl isobutyl ketone and N,N-dimethyl-p-toluidine, 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
Methanol	67-56-1
Ethylbenzene	100-41-4
Naphthalene	91-20-3
Methyl Isobutyl Ketone	108-10-1
Toluene	108-88-3
N,N-dimethyl-p-toluidine	99-97-8

Section 16 – Other Information

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