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

Krazy Glue Co.,
Div. of 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**

Label Elements

Pictograms

Flame

Signal word Danger

Hazard statements

Highly flammable liquid and vapor.

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.
Take precautionary measures against static discharge.
Wear protective gloves/eye protection/face protection.

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.

Storage

Store 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	>95
N,N,4-Trimethylbenzeneamine	N,N-Dimethyl-p-toluidine	99-97-8	<5

*Non hazardous 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 (CO_2) 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	
Ethyl Alcohol	1000	1000	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
b) Odor: Sweet, similar to gasoline
c) Odor threshold: No data available
d) pH: No data available
e) Melting point/freezing point: -91˚C/-132˚F
f) Initial boiling point and boiling range: 77˚C/171˚F
g) Flash point: 11˚C/52˚F
h) Evaporation rate – No data available
i) Flammability: No data available
j) Upper/lower flammability or explosive limits:
Lower explosion limit; 2.2
Upper explosion limit; 19
k) Vapor pressure: 40 (mmHg @ 20˚C), 5333 (Pa @ 20˚C)
l) Vapor density: 3.5 (AIR=1)
m) Relative density: 0.7 (Water = 1 @ 25˚C)
n) Solubility in water: Partially Insoluble

o) **Partition coefficient:** No data available
p) **Auto-ignition temperature:** No data available
q) **Decomposition temperature:** No data available
r) **Viscosity:** No data available
s) **VOC content:** No data available (SCAQMD Method 316B)

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

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.

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

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 Ace (CEPA) subsection 16 (1), National Pollutant Release Inventory.

None

State and Local Regulations

California Proposition 65

The following statement is made in order to comply with the California Safe Drinking Water and Toxic Enforcement Act of 1986:
This product contains the following substance(s) known to the state of California to cause cancer.

Ethanol
Acetaldehyde
Benzene
N,N,4-Trimethylbenzeneamine
(Common Name; N,N-Dimethyl-p-toluidine)

This product contains the following substance(s) known to the state of California to cause reproductive harm.

Benzene
Toluene
Ethanol

Section 16 – Other Information

Version: 1.0
Revised: 4/20/15
Printed: 5/22/2015

HMIS Rating
Health **2***
Flammability **3**
Physical Hazard **0**
0-minimal, 1-slight, 2-moderate, 3-serious, 4-severe

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