Section 1: Identification

Product Identifiers

Product name ***Aron Alpha Type Aerosol Accelerator***
Product number ***AA-705***
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 Aerosols	**Category 1**
Serious Eye Damage/ Eye Irritation	**Category 2A**
Skin Sensitization	**Category 1**
Carcinogenicity	**Category 2**
Specific Toxic Organ Toxicity-Single Exposure (STOT-SE)	**Category 3, Narcotic Effects**
Specific Toxic Organ Toxicity-Repeated Exposure (STOT-RE)	**Category 2**

Label Elements

Pictograms


Flame


Health Hazard


Exclamation mark

Signal word Danger

Hazard statements

Extremely flammable aerosol.
Causes serious eye irritation.
May cause an allergic skin reaction.
Suspected of causing cancer.
May cause drowsiness or dizziness.
May cause damage to organs through prolonged or repeated exposure.

Precautionary statements

Prevention

Obtain special instructions before use.
Do not handle until all safety precautions have been read and understood.
Keep away from heat/sparks/open flames/hot surfaces. - No smoking.
Do not spray on an open flame or other ignition source.
Pressurized container: Do not pierce or burn, even after use.
Do not breathe gas.
Wash thoroughly after handling.
Use only outdoors or in a well-ventilated area.
Contaminated work clothing must not be allowed out of the workplace.
Wear protective gloves/protective clothing/eye protection/face protection.

Response

If on skin: Wash with plenty of water. If skin irritation or rash occurs: Get medical advice/attention.
Wash contaminated clothing before reuse.
If inhaled: Remove person to fresh air and keep comfortable for breathing.
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 advice/attention.
If exposed or concerned: Get medical advice/attention.
Call a poison center/doctor if you feel unwell.
Specific treatment (see this label).

Storage

Store in a well-ventilated place.
Keep container tightly closed.
Store locked up.
Protect from sunlight.
Do not expose to temperatures exceeding 50℃/122℉.

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 %
Butane		106-97-8	40-60
Acetone		67-64-1	20-40
Propane		74-98-6	10-20
N,N,4-Trimethylbenzeneamine	N,N-Dimethyl-p-toluidine	99-97-8	1-2.5
1,4-Benzenediol	Hydroquinone	123-31-9	0.1-1

*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: If material is ingested, immediately contact a poison control center. If vomiting occurs naturally, have victim lean forward to reduce risk of aspiration. Never give anything by mouth to a victim who is unconscious or is having convulsions.

Inhalation: Remove victim to fresh air and keep at rest in a position comfortable for breathing. Oxygen or artificial respiration if needed. Call a physician or Poison Control Center immediately. Call a POISON CENTER or doctor/physician if you feel unwell.

Skin: Immediately take off all contaminated clothing. Call a physician or Poison Control Center immediately. Get medical attention if irritation develops or persists. In case of eczema or other skin disorders: Seek medical attention and take along these instructions.

Eyes: If a contact lens is present, DO NOT delay irrigation or attempt to remove the lens. Call a physician or Poison Control Center immediately.

Most important symptoms/effects, acute and delayed: Dermatitis. May cause drowsiness and dizziness. Headache. Nausea, vomiting. Irritation of nose and throat. Rash. Severe eye irritation. Symptoms may include stinging, tearing, redness, swelling, and blurred vision. May cause an allergic skin reaction. Prolonged exposure may cause chronic effects.

Indication of immediate medical attention & special treatment needed: **-** Provide general supportive measures and treat symptomatically. Keep victim under observation. Symptoms may be delayed.

General information: IF exposed or concerned: Get medical advice/attention. If you feel unwell, seek medical advice (show the label where possible). Ensure that medical personnel are aware of the material(s) involved, and take precautions to protect themselves. Show this safety data sheet to the doctor in attendance. Wash contaminated clothing before reuse.

Section 5 – Fire-Fighting Measures

Extinguishing media

Suitable – Use Powder, Alcohol resistant foam, Carbon dioxide (CO2) to extinguish fire.

Unsuitable – Do not use a solid water stream as it may scatter and spread fire.

Special hazards arising from the chemical – Contents under pressure. Pressurized container may explode when exposed to heat or flame. Fire may produce irritating, corrosive and/or toxic gases.

Special protective equipment and precautions for fire-fighters – Firefighters must use standard protective equipment including flame retardant coat, helmet with face shield, gloves, rubber boots, and in enclosed spaces, SCBA. Structural firefighters protective clothing will only provide limited protection..

Section 6 - Accidental Release Measures

Personal precautions, protective equipment and emergency procedures

Keep unnecessary personnel away. Keep people away from and upwind of spill/leak. Ventilate closed spaces before entering. Keep out of low areas. Pay attention to flashback. Wear appropriate protective equipment and clothing during clean-up. Do not breathe gas. Stay upwind. Do not touch damaged containers or spilled material unless wearing appropriate protective clothing. Ventilate closed spaces before entering them. Local authorities should be advised if significant spillages cannot be contained. For personal protection, see section 8 of the SDS.

Environmental Precautions

Avoid release to the environment. Inform appropriate managerial or supervisory personnel of all environmental releases. Prevent further leakage or spillage if safe to do so. Avoid discharge into drains, water courses or onto the ground.

Methods and materials for containment and clean up

Containment – Small Spills: Wipe up with absorbent material (e.g. cloth, fleece). For waste disposal, see section 13 of the SDS. This material and its container must be disposed of as hazardous waste.

Clean-up – Eliminate all ignition sources (no smoking, flares, sparks, or flames in immediate area). Prevent entry into waterways, sewers, basements or confined areas. Keep combustibles (wood, paper, oil, etc.) away from spilled material. Many gases are heavier than air and will spread along ground and collect in low or confined areas (sewers, basements, tanks). Keep out of low areas. Stop leak if you can do so without risk. Move the cylinder to a safe and open area if the leak is irreparable. If possible, turn leaking containers so that gas escapes rather than liquid. Isolate area until gas has dispersed. Prevent product from entering drains. Following

product recovery, flush area with water. Clean contaminated surface thoroughly. Place in container for disposal according to local/national regulations (see section 13).

Section 7 – Handling and Storage

Precautions for safe handling

Obtain special instructions before use. Do not handle until all safety precautions have been read and understood. Pressurized container: Do not pierce or burn, even after use. Do not use if spray button is missing or defective. Do not spray on a naked flame or any other incandescent material. Do not smoke while using or until sprayed surface is thoroughly dry. Do not cut, weld, solder, drill, grind, or expose containers to heat, flame, sparks, or other sources of ignition. All equipment used when handling the product must be grounded. Do not re-use empty containers. Do not breathe gas. Avoid contact with eyes, skin, and clothing. Avoid prolonged exposure. Use only in well-ventilated areas. Should be handled in closed systems, if possible. Wear appropriate personal protective equipment. Avoid release to the environment. Observe good industrial hygiene practices.

Conditions for safe storage

Level 3 Aerosol. Store locked up. Pressurized container. Do not puncture, incinerate or crush. This material can accumulate static charge which may cause spark and become an ignition source. Refrigeration recommended. Store away from incompatible materials (see Section 10 of the SDS)

Incompatibilities

Protect from sunlight and do not expose to temperatures exceeding 50℃/122 ℉. Do not handle or store near an open flame, heat or other sources of ignition.

Section 8 – Exposure Controls/Personal Protection

Exposure guidelines

Component	OSHA	ACGIH		Units
	TWA	TWA	STEL	
Butane	N.E.	1,000	N.E.	ppm
Acetone	1,000	500	750	ppm
Propane	1,000	1,000	N.E.	ppm
1,4-Benzenediol	2	2	N.E.	mg/m^3

N. E. = Not Established

Engineering controls

Good general ventilation (typically 10 air changes per hour) should be used. Ventilation rates should be matched to conditions. If applicable, use process enclosures, local exhaust ventilation, or other engineering controls to maintain airborne levels below recommended exposure limits. If exposure limits have not been established, maintain airborne levels to an acceptable level. Provide eyewash station.

Personal protective equipment

Eye/face protection – Wear safety glasses with side shields (or goggles). Do not get this material in contact with eyes.

Skin protection – Wear appropriate chemical resistant gloves.

Respiratory protection – If permissible levels are exceeded use NIOSH mechanical filter / organic vapor cartridge or an air-supplied respirator.

Section 9 – Physical and Chemical Properties

a) **Appearance:** Light brown solution
b) **Odor:** Strong, sweet aromatic amine
c) **Odor threshold:** No data available
d) **pH:** No data available
e) **Melting point/freezing point:** No data available
f) **Initial boiling point and boiling range:** No data available
g) **Flash point:** -104.4˚C/-156.0˚F
h) **Evaporation rate –** No data available
i) **Flammability:** No data available
j) **Upper/lower flammability or explosive limits:**
Lower explosion limit; 1.8
Upper explosion limit; 9.5
k) **Vapor pressure:** 3191- 3708 (mmHg @ 20˚C), 425400-499400 (Pa @ 20˚C)
l) **Vapor density:** 2.0 (AIR=1)
m) **Relative density:** 0.65 (Water = 1 @ 25˚C)
n) **Solubility in water:** Partially solved
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 – Hazardous polymerization does not occur.

Conditions to avoid – Heat, flames and sparks. Avoid temperatures exceeding the flash point. Contact with incompatible materials.

Incompatible materials – Acids. Strong oxidizing agents. Nitrates. Fluorine. Chlorine. Do not mix with other chemicals.

Hazardous decomposition products – May include oxides of carbon. No hazardous decomposition products are known.

Section 11 – Toxicological Information

Information on likely routes of exposure

Inhalation – May cause damage to organs through prolonged or repeated exposure by inhalation. May cause drowsiness and dizziness. Headache. Nausea, vomiting. Narcotic effects.

Ingestion - Expected to be a low ingestion hazard.

Skin – May cause an allergic skin reaction.

Eye –Causes serious eye irritation.

Symptoms related to physical, chemical and toxicological characteristics

Dermatitis. May cause drowsiness and dizziness. Headache. Nausea, vomiting. Irritation of nose and throat. Rash. Severe eye irritation. Symptoms may include stinging, tearing, redness, swelling, and blurred vision. May cause an allergic skin reaction.

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

May cause damage to organs through prolonged or repeated exposure. Reproductive organs. Prolonged or repeated exposure may cause lung injury.

Numerical measures of toxicity

No data available.

Carcinogenicity

This product contains a component that has been reported to possibly be carcinogenic based on its classification.

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 component of this product present at levels greater than or equal to 0.1% is identified as a known or anticipated 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 – LC50: 29.93 mg/L, Fish, 96.00 Hours
EC50: 31911 mg/L, Daphnia, 48.00 Hours
Harmful to aquatic life with long lasting effects.

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

Collect and reclaim or dispose in sealed containers at licensed waste disposal site. Contents under pressure. Dispose of this material and its container at hazardous or special waste collection point. Do not puncture, incinerate or crush. Do not allow this material to drain into sewers/water supplies. Do not contaminate ponds, waterways or ditches with chemical or used container. Dispose of contents/container in accordance with local/regional/national/international regulations.
Contaminated packaging – Dispose of as unused product.

Section 14 – Transport Information

UN number – UN 1950.

UN proper shipping name – Aerosols, Flammable.

Transport hazard class(es) – Class 2.1

Packing Group – Not applicable.

Environmental hazards – No data available.

Transport in bulk – Not applicable.

Special precautions – No data available.

Section 15 – Regulatory Information

US Federal Regulations

SARA Title III: Section 311/312

Fire hazard
Immediate health hazard
Delayed hazard
Pressure 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
Class D, DIV 1B
Class D, DIV 2B

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.

Propane

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.

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

Section 16 – Other Information

Version: 1.0
Revised: 5/7/15
Printed: 5/26/2015

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

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