

COUNTY OF ROCKLAND  
Department of General Services  
Purchasing Division

# Contract Award Notification

Title: **Disinfecting Services of Public Transportation Vehicles**

Contract Period: September 2, 2020 through September 1, 2021 with 2 one-year options  
Extended through September 1, 2022, with one year option  
Extended thru 9/1/23

Original Date of Issue: September 2, 2020

Date of Revision: 08/17/22

**BID No:** **RFB-RC-2020-072**

**Catalog:** **Automobiles and Vehicles**

Authorized Users: County Agencies, Political Subdivisions

Address Inquiries To:

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Title: Public Transportation Procurement Coordinator  
Phone: 845-364-2062  
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**Description**

This contract is to perform cleaning and disinfecting services for the County of Rockland Department of Public Transportation vehicles.

Contract #	Vendor #	Contractor & Address	Telephone No.
Bid 20-072	0000026559	Allen Chase Enterprises 24 County Route 1A Oswego NY 13126 Contact: Barry Trimble btrimble@chase-corp.com	315-216-6337  <b>FAX:</b> 866-247-3844

## Disinfecting Services of Public Transportation Vehicles

COUNTY OF ROCKLAND DGS – PURCHASING DEPARTMENT BLDG. A, 6TH FLOOR, 50 SANATORIUM ROAD POMONA, NY 10970 TELEPHONE NO.: 845-364-3820 FAX NO.: 845-364-3809						
						VENDOR: ALLEN CHASE ENT.
LINE NO.	DESCRIPTION	ITEM NUMBER	QTY.	UNIT PRICE PER VEHICLE	OFFERED DISINFECTION SOLUTION	EXTENDED PRICE
1	Service Fee per Cutaway Vehicle to clean/disinfect - 1 - 5 Vehicles Daily	94884000022	5	\$24.00	EPIX360 Cordless Electrostatic Disinfectant Sprayer	\$120.00
2	Service Fee per Cutaway Vehicle to clean/disinfect - 6 - 10 Vehicles Daily	94884000023	10	\$24.00	EPIX360 Cordless Electrostatic Disinfectant Sprayer	\$240.00
3	Service Fee per Cutaway Vehicle to clean/disinfect - 11 - 15 Vehicles Daily	94884000024	15	\$24.00	EPIX360 Cordless Electrostatic Disinfectant Sprayer	\$360.00
4	Service Fee per Cutaway Vehicle to clean/disinfect - 16 or more Vehicles Daily	94884000025	25	\$24.00	EPIX360 Cordless Electrostatic Disinfectant Sprayer	\$600.00
5	Service Fee per SUV and Minivan Vehicle to clean/disinfect - 1- 5 Vehicles Daily	94884000026	5	\$19.00	EPIX360 Cordless Electrostatic Disinfectant Sprayer	\$95.00
6	Service Fee to per SUV and Minivan Vehicle to clean/disinfect - 6 or more Vehicles Daily	94884000027	12	\$19.00	EPIX360 Cordless Electrostatic Disinfectant Sprayer	\$228.00
7	Service Fee per Passenger Vehicle to clean/disinfect Daily	94884000028	2	\$14.00	EPIX360 Cordless Electrostatic Disinfectant Sprayer	\$28.00

**COUNTY OF ROCKLAND - DGS-PURCHASING**  
BLDG. A., 6TH FLOOR, 50 SANATORIUM RD, POMONA, NY 10970  
TELEPHONE: 845-364-3820 / TELEFAX: 845-364-3809

**TITLE: DISINFECTING SERVICES OF PUBLIC  
TRANSPORTATION VEHICLES**

**RFB #: RFB-RC-2020-072**

## PURCHASES BY OTHER

### LOCAL GOVERNMENTS, SCHOOL DISTRICTS, AND NON PROFIT AGENCIES

As per the New York State General Municipal Law, all political subdivisions of New York State are allowed to make purchases through the resulting contract(s). As per Rockland County Procurement Policy, Non Profit Agencies approved to participate in New York State's Contract Extension Program are authorized to make purchases through the resulting contract(s).

1. The County of Rockland shall make all contract award information available to other political subdivisions and non profit agencies through our website: [www.rcpurchasing.com](http://www.rcpurchasing.com)
2. Any other political subdivision or Rockland County non profit agency will issue purchase orders directly to vendors within the specified contract period referencing the County's contract and shall be liable for any payments due on such purchase orders; and shall accept sole responsibility for any payment due.
3. All purchases shall be subject to audit and inspection by the other political subdivisions and Rockland County non profit agencies for which the purchase was made.
4. No officer, board or agency of a county, town, village, or school district shall make any purchase through the County when bids have been received for such purchase by such officer, board or agency, unless such purchase may be made upon the same terms, conditions and specifications at a lower price through the County.
5. All Bidders shall be on notice that as a condition of the award of a County contract, the successful bidder shall accept the award of a similar contract with any other political subdivision in New York State and Rockland County non profit agencies authorized to use New York State's contracts, if called upon to do so. A listing of approved Rockland County non profit agencies is available on the Purchasing Division's website at [www.rcpurchasing.com](http://www.rcpurchasing.com). The County, however, will not be responsible for any debts incurred by the participants pursuant to this or any other agreement.
6. Necessary deviations from the County's specifications in the award of a participant contract, whether such deviations relate to quantities, or delivery points shall be resolved between the successful bidder and the other political subdivisions and Rockland County non profit agencies.

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**TITLE: DISINFECTING SERVICES OF PUBLIC  
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## **SPECIFICATIONS**

1. Provide all labor, supervision, equipment and supplies to perform on-site cleaning and disinfection services for County of Rockland Department of Public Transportation vehicles to assist in the prevention of COVID-19 or other infectious viruses within County of Rockland equipment and facilities. The current designated vehicles to receive cleaning and disinfecting services are Ford E-450 cutaway vehicles, Ford Explorers, Ford Fusions, Dodge Grand Caravans (anticipated purchase), and MV-1 vehicles. Work shall be performed on an as needed basis and as authorized by the designated County of Rockland Department of Public Transportation employee(s). All designated vehicles are located at 50 Sanatorium Road, Pomona New York, 10970 Building "T". Hours of operation are Monday through Friday from 6:00am to 7:00pm
  - 1.1. Cleaning and disinfecting services of County of Rockland Department of Public Transportation vehicles
  - 1.2. Contractor shall provide services using TSN, STERAMIST Binary Ionization Technology system or an approved equal disinfectant solution.
    - 1.2.1. Bidders shall provide, with their bid, detailed information of the application services and procedures to be utilized, SDS sheets for the application shall be included.
  - 1.3. All services are to follow the applicable guidelines and requirements set forth by the CDC, EPA and New York State Department of Health for cleaning and disinfection
  - 1.4. At a minimum, service shall include, but not limited, "wipe down" and apply disinfectant to all "high touch" surface areas with a disinfectant (All handrails, seatback handles, wheelchair lift handrails, steering wheel, door handles, entrance door etc. basically anything someone would touch). Electrostatically spray (fog/ mist) disinfectant to the entire vehicle interior concentrating on touch areas. All disinfectants used shall be approved by the EPA and CDC to treat and kill the coronavirus (COVID-19). Scope of services may vary depending on the proposed application procedures and type of vehicle being cleaned.

## **2. PRICING**

- 2.1 Pricing to be provided in accordance with the BidTable/Proposal Pages and shall include all preparation, labor, supervision, material, and equipment to perform the specified service
  - 2.1.1 Cleaning and disinfecting rate for vehicles within the County of Rockland Department of Public Transportation fleet. Refer to Attachment "A" for a listing of the Rockland County Public Transportation Fleet.
  - 2.1.2 Pricing to be provided per vehicle type and quantity range listed. Quantities may vary, however; it is the intent that the vehicles will be sanitized daily.
  - 2.1.3 Pricing per passenger vehicle does not include a quantity range as these vehicles will only be requested to be cleaned and disinfected in conjunction with a quantity of at least one other vehicle type to be sanitized.

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### **3. ENVIRONMENTAL HEALTH AND SAFETY COMPLIANCE**

- 3.1. The Contractor shall verify that all work performed meets or exceeds all applicable local, state and federal laws and regulations, including, but not limited to, environmental protection and occupational safety regulations.
- 3.2. The Contractor shall assume full and independent responsibility for the occupational safety and health of its employees and county employees while performing on-site services.

### **4. INITIATION OF SERVICES; COMMUNICATION/COORDINATION OF RESPONSE**

- 4.1. When services are required under this contract, an authorized representative of the County of Rockland Department of Public Transportation will notify the contractor by means of a pre-arranged system of communication. As a minimum requirement for a system of communication, the contractor shall maintain a 24/7, including weekends and holidays, dedicated toll-free phone line staffed by personnel qualified to receive and respond to calls for service. Contractor shall respond immediately by phone/email within (2) hours from the date and time of notification by the County.
- 4.2. Upon notification of request and issuance of a Purchase Order, the contractor shall respond on site with the necessary response personnel and equipment to begin services within 24 hours of such notification unless alternate schedule is agreed to by an authorized representative of the County of Rockland Department of Public Transportation.
- 4.3. If additional on-site services are identified by the contractor and require changes in scope, budget or time, the contractor shall contact the authorized County of Rockland Department of Public Transportation representative to receive written approval before proceeding with change order.
- 4.4. Any additional work authorized shall be billed in accordance with the unit pricing awarded in resulting contract.
- 4.5. All work shall meet the approval of the authorized representative of the County of Rockland Department of Public Transportation.

### **5. WORK HOURS**

- 5.1. Work shall be performed between the hours of 3:00PM to 8:00PM, Monday through Friday. No work is to be performed outside of these hours without written approval from the authorized representative of the County of Rockland Department of Public Transportation.

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## 6. QUALIFICATIONS AND EXPERIENCE OF CONTRACTOR

- 6.1. The bidder shall show that he has available under his direct employment and supervision the necessary organization and equipment to properly fulfill all the services and conditions required under these specifications. The contractor shall show that he has maintained an organization capable of performing the work specified herein, and that said organization has been in continuous operation for at least the past year. Contractor shall submit the following information with bid:
- 6.1.1. Years of operation.
- 6.1.1.1 The names of the employees in the area responsible for this contract, their function in the company, title, and number of years of service with the contractor's firm. The present address of the main office of this organization.
- 6.1.2. Documentation indicating technical personnel experience (1) year minimum.
- 6.1.3. All bidders must submit a list of references demonstrating at least one (1) year of experience performing the specified work. Certificate of Experience form shall be submitted with the bid response.
- 6.1.4. Bidders shall submit a completed Certificate of Equipment with the bid response.
- 6.2. Sub-contracting for any of the services or labor required to perform these services shall not be permitted without the written approval of the authorized County of Rockland representative. All subcontractors shall provide three (3) references to be considered valid.

## 7. AWARD

- 7.1. This bid shall be awarded to a primary vendor who is the lowest responsive and responsible bidder meeting the stated specifications and requirements.
- 7.2. A secondary vendor will be awarded to provide services as may be required under this bid when the primary is unable to provide the required service.
- 7.3. Payment to a secondary vendor is based on his bid submission.
- 7.4. Requested Information: Does your firm wish to be considered as a **secondary vendor**?
- YES \_\_\_      NO \_\_\_

**DEPARTMENT OF GENERAL SERVICES, PURCHASING DIVISION**

Dr. Robert L. Yeager Health Center  
50 Sanatorium Rd, Building A  
Pomona, New York 10970  
Phone: (845) 364-3820 Fax: (845) 364-3809  
Email: purchasing@co.rockland.ny.us

**Paul Brennan, FNIGP, CPPO**  
*Director of Purchasing*

**ADDENDUM # 2**

**RFB-RC-2020-072**

**DISINFECTING SERVICES OF  
PUBLIC TRANSPORTATION VEHICLES**

The information in this addendum supersedes any contradictory information set forth in the contract documents. Acknowledge receipt of this addendum in the space provided on the bid acknowledgment page of the bid specifications. Failure to do so, may subject the bidder to disqualification. This addendum forms a part of the contract documents.

**Please see the following vendor's questions, clarifications, and the County of Rockland's response regarding the above referenced project. Additionally, please refer to the added attachments containing pictures and specifications for the Cutaway Vehicles relating to this project.**

- **The deadline for submitting questions was Wednesday, July 22, 2020. Please refer to Addendum # 1.**
- **The Deadline to Submit proposals is 3:00pm July 30, 2020.**
- **There is no minimum quantity of vehicles that will be disinfected.**

**Question 1:**

Will the vehicles be at the designated location before 3:00pm to allow set up time?

**Response 1:**

All vehicle to be cleaned and disinfected will be at the designated location after 5:00pm.

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**ADDENDUM # 2**

**RFB-RC-2020-072**

**DISINFECTING SERVICES OF  
PUBLIC TRANSPORTATION VEHICLES  
(continued)**

**Question 2:**

Are we responsible for moving any vehicles?

**Response 2:**

No. The contractor is NOT responsible for moving any of the vehicles.

**Question 3:**

Will the vehicle be at the designated area for us to clean?

**Response 3:**

Yes, they will. All designated vehicles will be at the Building "T" parking Lot.

**Question 4:**

How many vehicles will require disinfecting during the required shift in the specification?

**Response 4:**

The estimated daily quantity of vehicles to be disinfected is 20 to 24 vehicles.

**SIGNED:**

*Paul J. Brennan*

**PAUL J. BRENNAN, FNIGP, CPPO**  
**DIRECTOR OF PURCHASING**

ADDENDUM  
7/28/2020

## Cleaning and Disinfection for Non-emergency Transport Vehicles

### Disinfecting Your Non-Emergency Vehicle

Interim Recommendations for U.S. Non-emergency Transport Vehicles that May Have Transported Passengers with Suspected/Confirmed Coronavirus Disease 2019 (COVID-19)

Updated Apr. 14, 2020

[Print](#)

People who are known or suspected to have COVID-19 may use non-emergency vehicle services, such as passenger vans, accessible vans, and cars, for transportation to receive essential medical care. When transporting a known confirmed positive passenger, it is recommended that drivers wear an N95 respirator or facemask (if a respirator is not available) and eye protection such as a face shield or goggles (as long as they do not create a driving hazard), and the passenger should wear a facemask or cloth face covering. Occupants of these vehicles should avoid or limit close contact (within 6 feet) with others. The use of larger vehicles such as vans is recommended when feasible to allow greater social (physical) distance between vehicle occupants. Additionally, drivers should practice regular [hand hygiene](#), avoid touching their nose, mouth, or eyes, and avoid picking up multiple passengers who would not otherwise be riding together on the same route. CDC recommends that individuals wear [cloth face coverings](#) in settings where other social distancing measures are difficult to maintain, especially in areas with significant community transmission. Cloth face coverings may prevent people who don't know they have the virus from transmitting it to others; these face coverings are not surgical masks, respirators, or personal protective equipment (PPE). Cloth face coverings should not be placed on young children under age 2, anyone who has trouble breathing, or is unconscious, incapacitated or otherwise unable to remove the mask without assistance.

The following are general guidelines for cleaning and disinfecting these vehicles. Similar guidance can be found for cleaning and disinfecting [homes](#), [community facilities](#), and [EMS vehicles used to transport](#) persons with suspected or confirmed COVID-19.

At a minimum, clean and disinfect commonly touched surfaces in the vehicle at the beginning and end of each shift and between transporting passengers who are visibly sick. Ensure that cleaning and disinfection procedures are followed consistently and correctly, including the provision of adequate ventilation when chemicals are in use. Doors and windows should remain open when cleaning the vehicle. When cleaning and disinfecting, individuals should wear disposable gloves compatible with the products being used as well as any other PPE required according to the product manufacturer's instructions. Use of a disposable gown is also recommended, if available.

- For hard non-porous surfaces within the interior of the vehicle such as hard seats, arm rests, door handles, seat belt buckles, light and air controls, doors and windows, and grab handles, clean with detergent or soap and water if the surfaces are visibly dirty, prior to disinfectant application. For disinfection of hard, non-porous surfaces, appropriate disinfectants include:
  - [EPA's Registered Antimicrobial Products for Use Against Novel Coronavirus SARS-CoV-2](#) [↗](#), the virus that causes COVID-19. Follow the manufacturer's instructions for concentration, application method, and contact time for all cleaning and disinfection products.
  - [Diluted household bleach solutions](#) prepared according to the manufacturer's label for disinfection, if appropriate for the surface. Follow manufacturer's instructions for application and proper ventilation. Check to ensure the product is not past its expiration date. Never mix household bleach with ammonia or any other cleanser.
  - Alcohol solutions with at least 70% alcohol.
- For soft or porous surfaces such as fabric seats, remove any visible contamination, if present, and clean with appropriate cleaners indicated for use on these surfaces. After cleaning, use [products that are EPA-approved for use against the virus that causes COVID-19](#) [↗](#) and that are suitable for porous surfaces.
- For frequently touched electronic surfaces, such as tablets or touch screens used in the vehicle, remove visible dirt, then disinfect following the manufacturer's instructions for all cleaning and disinfection products. If no manufacturer guidance is available, consider the use of alcohol-based wipes or sprays containing at least 70% alcohol to disinfect.

Gloves and any other disposable PPE used for cleaning and disinfecting the vehicle should be removed and disposed of after cleaning; [wash hands](#) immediately after removal of gloves and PPE with soap and water for at least 20 seconds, or use an alcohol-based hand sanitizer with at least 60% alcohol if soap and water are not available. If a disposable gown was not worn, work uniforms/clothes worn

during cleaning and disinfecting should be laundered afterwards using the warmest appropriate water setting and dry items completely. Wash hands after handling laundry.

Last Updated Apr. 14, 2020

# BRUTAB 6S

Product number: 161037 / 161021 / 161034



## SAFETY DATA SHEET

### 1. Identification

<b>Product identifier</b>	<b>BRUTAB 6S</b>	
<b>Other means of identification</b>		
<b>Product number</b>	161037 / 161021 / 161034	
<b>Recommended use</b>	Effervescent disinfectant tablets	
<b>Recommended restrictions</b>	None known.	
<b>Manufacturer/Importer/Supplier/Distributor information</b>		
<b>Manufacturer</b>		
<b>Company name</b>	Bulin & Co., Inc.	
<b>Address</b>	P.O. Box 270 Indianapolis, IN 46206 United States	
<b>Telephone</b>	Phone:	1.317.923.3211
	Fax:	1.317.925.4596
<b>Website</b>	www.bhcinc.com	
<b>E-mail</b>		
<b>Emergency phone number</b>	CHEMTREC	1.800.424.9300
	CHEMTREC (International)	1.703.527.3887

### 2. Hazard(s) identification

<b>Physical hazards</b>	Not classified.	
<b>Health hazards</b>	Acute toxicity, oral	Category 4
	Acute toxicity, dermal	Not classified
	Skin corrosion/irritation	Not classified
	Serious eye damage/eye irritation	Category 2A
	Specific target organ toxicity, single exposure	Category 3 respiratory tract irritation
<b>OSHA defined hazards</b>	Not classified.	
<b>Label elements</b>		



<b>Signal word</b>	Warning
<b>Hazard statement</b>	Harmful if swallowed. Causes serious eye irritation. May cause respiratory irritation.
<b>Precautionary statement</b>	
<b>Prevention</b>	Use only in well-ventilated areas. Avoid breathing dust. Wear safety glasses with side shields (or goggles). Wear protective gloves. Wash hands thoroughly after handling. Do not eat, drink or smoke when using this product.
<b>Response</b>	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 SWALLOWED: Call a POISON CENTER or doctor/physician if you feel unwell. Rinse mouth. IF INHALED: Remove victim to fresh air and keep at rest in a position comfortable for breathing. Call a poison center/doctor if you feel unwell.
<b>Storage</b>	Store in a well-ventilated place. Keep container tightly closed. Store away from incompatible materials. Keep out of the reach of children. Avoid moisture getting into container.
<b>Disposal</b>	Dispose of waste and residues in accordance with local authority requirements.

# BRUTAB 6S

Product number: 161037 / 161021 / 161034

**Hazard(s) not otherwise classified (HNOC)** None known.  
**Supplemental information** Contact with acids liberates toxic gas.

## 3. Composition/information on ingredients

### Mixtures

Chemical name	Common name and synonyms	CAS number	% by weight
Dichloroisocyanuric acid, sodium salt		2893-78-9	45 - <50
Adipic acid		124-04-9	35 - <40
Sodium carbonate		497-19-8	10 - <15

## 4. First-aid measures

**Inhalation** Remove victim to fresh air and keep at rest in a position comfortable for breathing. Call a POISON CENTER or doctor/physician if you feel unwell.

**Skin contact** Wash off with soap and water. Get medical attention if irritation develops and persists.

**Eye contact** Immediately flush eyes with plenty of water for at least 15 minutes. Remove contact lenses, if present and easy to do. Continue rinsing. If eye irritation persists: Get medical advice/attention.

**Ingestion** Rinse mouth. IF SWALLOWED: Call a POISON CENTER or doctor/physician if you feel unwell.

**Most important symptoms/effects, acute and delayed** Symptoms may include stinging, tearing, redness, swelling, and blurred vision.

**Indication of immediate medical attention and special treatment needed** Provide general supportive measures and treat symptomatically. In case of shortness of breath, give oxygen. Keep victim warm. Keep victim under observation. Symptoms may be delayed.

**General information** In the case of accident or if you feel unwell, seek medical advice immediately (show the label where possible). Ensure that medical personnel are aware of the material(s) involved, and take precautions to protect themselves.

## 5. Fire-fighting measures

**Suitable extinguishing media** Alcohol resistant foam. Water fog. Dry chemical powder. Carbon dioxide (CO<sub>2</sub>).

**Unsuitable extinguishing media** None known.

**Specific hazards arising from the chemical** During fire, gases hazardous to health may be formed.

**Special protective equipment and precautions for firefighters** Self-contained breathing apparatus and full protective clothing must be worn in case of fire.

**Fire fighting equipment/instructions** In the event of fire, cool tanks with water spray.

**Specific methods** Cool containers exposed to flames with water until well after the fire is out.

**General fire hazards** No unusual fire or explosion hazards noted.

## 6. Accidental release measures

**Personal precautions, protective equipment and emergency procedures** Keep unnecessary personnel away. Wear appropriate protective equipment and clothing during clean-up. Do not touch damaged containers or spilled material unless wearing appropriate protective clothing. Ensure adequate ventilation. For personal protection, see section 8 of the SDS.

**Methods and materials for containment and cleaning up** Collect spillage. Sweep up or gather material and place in appropriate container for disposal. Following product recovery, flush area with water. For waste disposal, see section 13 of the SDS.

**Environmental precautions** Avoid release to the environment. Do not contaminate water.

# BRUTAB 6S

Product number: 161037 / 161021 / 161034

## 7. Handling and storage

### Precautions for safe handling

Mix only with water. Do not mix with other chemicals. Minimize dust generation and accumulation. Do not breathe dust. Do not get this material in contact with eyes. Do not taste or swallow. Provide adequate ventilation. Contamination with moisture, dirt, organic matter or other chemicals or any other foreign matter may start a chemical reaction with generation of heat, liberation of hazardous gases and possible generation of fire and explosion. Wear appropriate personal protective equipment. Observe good industrial hygiene practices. When using, do not eat, drink or smoke. Wash thoroughly after handling. Wash contaminated clothing before reuse.

### Conditions for safe storage, including any incompatibilities

Store in original tightly closed container. Keep container dry. Do not store near acids. Contact with acids liberates toxic gas. Store away from incompatible materials (see Section 10 of the SDS).

## 8. Exposure controls/personal protection

### Occupational exposure limits

#### US. ACGIH Threshold Limit Values

##### Components

##### Type

##### Value

Adipic acid (CAS 124-04-9)

TWA

5 mg/m<sup>3</sup>

### Appropriate engineering controls

Keep formation of dusts, particulates and fumes to a minimum. Ensure adequate ventilation, especially in confined areas. Provide eyewash station.

### Individual protection measures, such as personal protective equipment

#### Eye/face protection

If a risk assessment indicates this is necessary, safety glasses with side shields (or goggles) are recommended.

#### Skin protection

##### Hand protection

If a risk assessment indicates this is necessary, chemical resistant gloves are recommended.

##### Respiratory protection

In case of insufficient ventilation, wear suitable respiratory equipment.

### General hygiene considerations

When using, do not eat, drink or smoke. Always observe good personal hygiene measures, such as washing after handling the material and before eating, drinking, and/or smoking. Routinely wash work clothing and protective equipment to remove contaminants.

## 9. Physical and chemical properties

### Appearance

tablet

### Physical state

Solid.

### Color

white - off white

### Odor

slight chlorine

### Odor threshold

Not available.

### pH

5.5 - 6.5 when diluted

### Melting point/freezing point

Not available.

### Initial boiling point and boiling range

Not Applicable

### Flash point

Not applicable.

### Evaporation rate

Not available.

### Flammability (solid, gas)

Not available.

### Upper/lower flammability or explosive limits

#### Flammability limit - lower (%)

Not available.

#### Flammability limit - upper (%)

Not available.

#### Explosive limit - lower (%)

Not available.

#### Explosive limit - upper (%)

Not available.

### Vapor pressure

Not available.

### Vapor density

Not available.

### Relative density

Not available.

# BRUTAB 6S

Product number: 161037 / 161021 / 161034

<b>Solubility(ies)</b>	
<b>Solubility (water)</b>	100 %
<b>Partition coefficient (n-octanol/water)</b>	Not available.
<b>Auto-ignition temperature</b>	Not available.
<b>Decomposition temperature</b>	Not available.
<b>Viscosity</b>	Not available.
<b>Other information</b>	
<b>VOC</b>	0 % Less exempts and water

## 10. Stability and reactivity

<b>Reactivity</b>	The product is stable and non-reactive under normal conditions of use, storage and transport.
<b>Chemical stability</b>	Material is stable under normal conditions.
<b>Possibility of hazardous reactions</b>	No dangerous reaction known under conditions of normal use.
<b>Conditions to avoid</b>	Contact with incompatible materials.
<b>Incompatible materials</b>	Acids. Alkaline Combustible material. reducing agents The active ingredient in this formulation is a strong oxidizing agent.
<b>Hazardous decomposition products</b>	Chlorine.

## 11. Toxicological information

### Information on likely routes of exposure

<b>Inhalation</b>	May cause irritation to the respiratory system. This material is contained in a tablet form, respirable particulates are generally not encountered.
<b>Skin contact</b>	Direct contact with wet material or moist skin may cause severe irritation. Dry material is less irritating than wet material.
<b>Eye contact</b>	Causes serious eye irritation. Dust in the eyes will cause irritation.
<b>Ingestion</b>	Harmful if swallowed. However, ingestion is not likely to be a primary route of occupational exposure. This product is sold in a tablet form.

**Symptoms related to the physical, chemical and toxicological characteristics** Symptoms may include stinging, tearing, redness, swelling, and blurred vision.

### Information on toxicological effects

Product	Species	Test Results
BRUTAB 6S		
<u>Acute</u>		
<b>Dermal</b>		
LD50	Rabbit	> 4000 mg/kg
<b>Oral</b>		
LD50	Rat	1823 mg/kg

\* Estimates for product may be based on additional component data not shown.

<b>Skin corrosion/irritation</b>	Health injuries are not known or expected under normal use. Prolonged skin contact may cause temporary irritation.
<b>Serious eye damage/eye irritation</b>	Causes serious eye irritation.
<b>Respiratory or skin sensitization</b>	
<b>Respiratory sensitization</b>	Not a respiratory sensitizer.
<b>Skin sensitization</b>	This product is not expected to cause skin sensitization.
<b>Germ cell mutagenicity</b>	No data available to indicate product or any components present at greater than 0.1% are mutagenic or genotoxic.

# BRUTAB 6S

Product number: 161037 / 161021 / 161034

**Carcinogenicity** This product is not considered to be a carcinogen by IARC, ACGIH, NTP, or OSHA.

## IARC Monographs. Overall Evaluation of Carcinogenicity

Not listed.

## US. National Toxicology Program (NTP) Report on Carcinogens

Not listed.

## US. OSHA Specifically Regulated Substances (29 CFR 1910.1001-1050)

Not regulated.

**Reproductive toxicity** This product is not expected to cause reproductive or developmental effects.

**Specific target organ toxicity - single exposure** Respiratory tract irritation. May cause respiratory irritation.

**Specific target organ toxicity - repeated exposure** Not classified.

**Aspiration hazard** Not an aspiration hazard.

**Chronic effects** Prolonged inhalation may be harmful.

## 12. Ecological information

**Ecotoxicity** Very toxic to aquatic life with long lasting effects.

**Persistence and degradability** The materials used in this preparation will not persist in the environment. Hydrolysis products of cyanuric acid and chloride ion are biodegradable.

**Bioaccumulative potential** This material does not contain chemicals that have known bioaccumulative potential. Trichloroisocyanuric acid hydrolyses in water liberating chlorine and cyanuric acid. These products are not bioaccumulative.

### Partition coefficient n-octanol / water (log Kow)

Adipic acid 0.08

**Mobility in soil** No data available.

**Other adverse effects** No other adverse environmental effects (e.g. ozone depletion, photochemical ozone creation potential, endocrine disruption, global warming potential) are expected from this component.

## 13. Disposal considerations

**Disposal instructions** Pesticide may be acutely hazardous. Wastes resulting from the use of this product must be disposed of on-site, or at an approved waste disposal facility.

**Local disposal regulations** Dispose in accordance with all applicable regulations.

**Hazardous waste code** The waste code should be assigned in discussion between the user, the producer and the waste disposal company.

**Waste from residues / unused products** Nonrefillable container. Do not reuse or refill this container. Offer for recycling if available or puncture and dispose in a sanitary landfill.

**Contaminated packaging** Empty containers should be taken to an approved waste handling site for recycling or disposal. Since emptied containers may retain product residue, follow label warnings even after container is emptied.

## 14. Transport information

### DOT

Not regulated as dangerous goods.

### IATA

Not regulated as dangerous goods.

### IMDG

Not regulated as dangerous goods.

## 15. Regulatory information

**US federal regulations** This product is a "Hazardous Chemical" as defined by the OSHA Hazard Communication Standard, 29 CFR 1910.1200.

### TSCA Section 12(b) Export Notification (40 CFR 707, Subpt. D)

Not regulated.

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## CERCLA Hazardous Substance List (40 CFR 302.4)

Adipic acid (CAS 124-04-9) Listed.

## US. OSHA Specifically Regulated Substances (29 CFR 1910.1001-1050)

Not regulated.

## CERCLA (Superfund) reportable quantity, lbs

Adipic acid: 5000

## Superfund Amendments and Reauthorization Act of 1986 (SARA)

**Hazard categories**  
Immediate Hazard - Yes  
Delayed Hazard - No  
Fire Hazard - No  
Pressure Hazard - No  
Reactivity Hazard - No

## SARA 302 Extremely hazardous substance

Not listed.

**SARA 311/312 Hazardous chemical** No

## SARA 313 (TRI reporting)

Not regulated.

## Other federal regulations

### Clean Air Act (CAA) Section 112 Hazardous Air Pollutants (HAPs) List

Not regulated.

### Clean Air Act (CAA) Section 112(r) Accidental Release Prevention (40 CFR 68.130)

Not regulated.

**Safe Drinking Water Act (SDWA)** Not regulated.

## FIFRA Information

This chemical is a pesticide product registered by the United States Environmental Protection Agency and is subject to certain labeling requirements under federal pesticide law. These requirements differ from the classification criteria and hazard information required for safety data sheets (SDS), and for workplace labels of non-pesticide chemicals. Following is the hazard information as required on the pesticide label: EPA Reg# 71847-6

**Signal word**

DANGER

**Hazard statement**

CORROSIVE

Causes irreversible eye damage. Harmful if swallowed, inhaled or absorbed through the skin.

## International Inventories

Country(s) or region	Inventory name	On inventory (yes/no)*
Australia	Australian Inventory of Chemical Substances (AICS)	Yes
Canada	Domestic Substances List (DSL)	Yes
Canada	Non-Domestic Substances List (NDSL)	No
China	Inventory of Existing Chemical Substances in China (IECSC)	No
Europe	European Inventory of Existing Commercial Chemical Substances (EINECS)	Yes
Europe	European List of Notified Chemical Substances (ELINCS)	No
Japan	Inventory of Existing and New Chemical Substances (ENCS)	Yes
Korea	Existing Chemicals List (ECL)	Yes
New Zealand	New Zealand Inventory	Yes
Philippines	Philippine Inventory of Chemicals and Chemical Substances (PICCS)	Yes
United States & Puerto Rico	Toxic Substances Control Act (TSCA) Inventory	Yes

\*A "Yes" indicates that all components of this product comply with the inventory requirements administered by the governing country(s)

A "No" indicates that one or more components of the product are not listed or exempt from listing on the inventory administered by the governing country(s).

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### 16. Other information, including date of preparation or last revision

**Issue date** 04-22-2014

**Revision date** 01-15-2018

**Version #** 09

**Disclaimer** The information in the sheet was written based on the best knowledge and experience currently available. The information provided in this Safety Data Sheet is correct to the best of our knowledge, information and belief at the date of its publication. The information relates only to the specific material designated and may not be valid for such material used in combination with any other materials or in any process, unless specified in the text. The information given is designed only as a guidance for safe handling, use, processing, storage, transportation, disposal and release.



## Specifications

### 1.2.1

Allen Chase Enterprises, Inc. will utilize traditional hard surface spraying and wiping combined with electrostatic spraying technology which has proven to be extremely effective in fighting viruses and bacteria, including the highly contagious COVID-19. Electrostatic spray surface disinfecting is the process of spraying an electrostatically charged mist onto surfaces and objects. Our EM360 Backpack Sprayers and EPIX360 Handheld Sprayers positively charge the disinfectant as it passes through the nozzle. When combined with air and atomized by an electrode inside the sprayer, the resulting spray contains the positively charged particles that aggressively seek out and stick to all sides and surfaces of objects. This spraying technique combined with a wiping action on high traffic areas and higher risk “high touch” points significantly target and assist in eliminating dangerous viruses and bacteria. Chase Enterprises closely follows and implements all state and federal guidelines for cleaning, sanitizing, and disinfecting, as well as rules and regulations for proper personal protective equipment use from the New York State Health Department, The Center for Disease Control (CDC), and the Environmental Protection Agency (EPA).

Accepted procedures for disinfection will be followed consistently and correctly resulting in a thorough and adequate disinfectant process. The following procedures are considered while disinfecting:

- Doors and windows will remain open to provide adequate ventilation when using chemicals.
- Gloves and face masks will be worn as well as any other required Personal Protective Equipment (PPE) according to the chemical manufacturer’s label instructions, as well as recommendations set forth by the EPA, CDC, or New York State Health Department.
- Vehicle wipe down points can include, but are not limited to, hard non-porous surfaces such as grab handles, door handles, and other common “high touch” points.
- The use of an EPA-registered product approved for the use of disinfecting, including COVID-19, in the correct concentration, application method (Electrostatic Spraying/“Wipe Down”), and contact time.
- Gloves and other disposable PPE used for disinfecting the vehicle will be removed of and disposed of properly after cleaning.
- Employees will wash their hands or use a 60% alcohol-based sanitizer immediately after removal of disposable gloves.

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