

**Product** ASTM G85A1 SOLUTION, PREMIXED, 55 GALLON DRUM  
**Revision Date** 08/07/2020  
**Revision** 1



## Safety Data Sheet

### SECTION 1: IDENTIFICATION

**Product Name** ASTM G85A1 SOLUTION, PREMIXED, 55 GALLON DRUM  
**Product Code** C173330  
**Identifier Uses** No specific uses identified.

**Supplier** Auto Technology Company  
 20026 Progress Drive  
 Strongsville, Ohio 44149  
 Tel: (1-440-572-7800)

**Contact Person** sales@autotechnology.com  
**Emergency Telephone** Chemtrec 1-800-424-9300

### SECTION 2: HAZARDS IDENTIFICATION

**Appearance** Liquid.  
**Color** Clear.  
**Odor** Slight odor.

**Pictogram(s)** No pictogram required

**Signal Word** No Signal Word

**Hazard Statements** No hazard statements required.

**Precautionary Statements** P270 Do not eat, drink or smoke when using this product.  
 P305 + P351 + P338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.

**Contains** Not Applicable

**GHS Classification**  
 Physical and Chemical Hazards Not classified  
 Human Health Not classified  
 Environment Not classified

**OSHA Regulatory Status** This product is Not Hazardous under the OSHA Hazard communication Standard.

**Inhalation** Prolonged inhalation of fog or mist may be irritating to nose and throat.  
**Ingestion** Ingestion of large amounts of the chemical product may be harmful.  
**Skin contact** Prolonged contact may cause redness, irritation and dry skin.  
**Eye contact** Prolonged contact may cause redness and/or tearing.  
**Routes of Exposure** No Information available.

### SECTION 3: Composition/Information on Ingredients

Name	Product Identifier	GHS Classification	%
sodium chloride	CAS-No.: 7647-14-5 EC No.: 231-598-3		1-10%
acetic acid	CAS-No.: 64-19-7 EC No.: 200-580-7	Skin Corr. 1A - H314, Flam. Liq 3- H226	1-10%

water	CAS-No.: 7732-18-5 EC No.: 231-791-2		60-100%
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**Composition Comments**

The information given in this Safety Data Sheet is for guidance only.

**SECTION 4: FIRST AID MEASURES**Description of first aid measures**General Information**

General first aid, rest, warmth and fresh air.

**Inhalation**

No identified hazard associated with inhalation.

**Ingestion**

Wash out mouth with water. Do not induce vomiting unless directed to do so by medical personnel. Never give anything by mouth to an unconscious person. Get medical attention immediately.

**Skin contact**

Wash skin thoroughly.

**Eye contact**

Do not rub eye. Make sure to remove any contact lenses from the eyes before rinsing. Promptly wash eyes with plenty of water while lifting the eye lids. Get medical attention immediately. Continue to rinse.

Most important symptoms and effects, both acute and delayed**General Information**

The severity of the symptoms described will vary dependant of the concentration and the length of exposure. As a general rule, in case of doubt or if symptoms persist, always call a doctor. NEVER induce swallowing in an unconscious person. Ensure that medical personnel are aware of the material(s) involved.

**Inhalation**

Prolonged inhalation of fog or mist may be irritating to nose and throat.

**Ingestion**

Ingestion of large amounts of the chemical product may be harmful.

**Skin contact**

Prolonged contact may cause redness, irritation and dry skin.

**Eye contact**

Prolonged contact may cause redness and/or tearing.

**Routes of Exposure**

No Information available.

Most important symptoms and effects, both acute and delayed**Notes To The Physician**

No recommendation given.

**SECTION 5: Firefighting Measures****Auto Ignition Temperature (°C)**

No Information available.

**Flammability Limit - Lower(%)**

No Information available.

**Flammability Limit - Upper(%)**

No Information available.

**Flash point**

No Information available.

**Extinguishing Media**

Use water, foam, dry chemical or carbon dioxide to extinguish fire.

**Hazardous combustion products**

None Known.

**Unusual Fire & Explosion Hazards**

No unusual fire or explosion hazards noted.

**Special Fire Fighting Procedures**

If possible, fight fire from protected position. Ventilate closed spaces before entering them. Containers close to fire should be removed immediately or cooled with water.

**Protective equipment for fire-fighters**

Wear full protective clothing. Wear self-contained breathing apparatus.

**SECTION 6: Accidental Release Measures****Personal Precautions**

For personal protection, see section 8. In case of inadequate ventilation, use respiratory protection. Do not smoke, use open fire or other sources of ignition. In case of spills, beware of slippery floors and surfaces.

**Environmental Precautions**

The product is not hazardous to the environment.

**Spill Clean Up Methods**

Restrict non-essential personnel from the area. Before attempting to clean-up, refer to hazard data given above. Small spills may be absorbed with non-reactive, non-flammable absorbent and placed in suitable covered and labeled containers.

**SECTION 7: Handling and Storage****Handling**

Product for external use - do not swallow. Avoid all contact with skin, eyes and clothes.

**Usage Description**

Handle in accordance with user instructions on label Do not use contact lenses.

**Storage Precautions**

Use only according to directions.

Store in original tightly closed container. Store in a well-ventilated place. Store in a covered, dry, climate controlled area, away from incompatibles. Keep away from food and drink.

**Specific End Use(s)**

Containers opened must be resealed and kept upright. Do not store in unlabelled containers. The identified uses are in section 1 of this Safety Data Sheet.

**SECTION 8: Exposure Controls/Personal Protection****Protective Equipment**

Component	STD	TWA (8 Hrs)		STEL (15mins)		Notes
acetic acid	OSHA	10ppm	25mg/m3			

**Ingredient Comments**

OSHA

**Process Conditions**

Keep container tightly sealed when not in use.

**Engineering Measures**

Provide adequate ventilation.

**Respiratory Equipment**

Respiratory protection is not required.

**Hand Protection**

Not normally required, however helpful for prolonged or repeated contact. This product is not-toxic and non-corrosive. Hand protection not normally required, however it is good practice when using chemicals.

**Eye Protection**

Use equipment for eye protection tested and approved under appropriate government standards such as NIOSH (US) or EN 166(EU). Eye protection not normally required however, it is good practice when using chemicals.

**Hygiene Measures**

DO NOT SMOKE IN WORK AREA! Wash hands at the end of each work shift and before eating, smoking and using the toilet. Wash promptly if skin becomes wet or contaminated. Promptly remove any clothing that becomes contaminated. When using do not eat, drink or smoke.

**SECTION 9: Physical and Chemical Properties****Information on Basic Physical and Chemical Properties**

<b>Appearance</b>	Liquid.
<b>Color</b>	Clear.
<b>Odor</b>	Slight odor.
<b>Odor Threshold - Lower</b>	No Information available.
<b>Odor Threshold - Upper</b>	No Information available.
<b>pH-Value, Conc. Solution</b>	No Information available.
<b>Melting point</b>	No Information available.
<b>Initial boiling point and boiling range</b>	212.0 °F
<b>Flash point</b>	No Information available.
<b>Evaporation rate</b>	No Information available.
<b>Flammability State</b>	No Information available.
<b>Flammability Limit - Lower(%)</b>	No Information available.
<b>Flammability Limit - Upper(%)</b>	No Information available.
<b>Vapor pressure</b>	No Information available.
<b>Vapor Density (air=1)</b>	No Information available.

<b>Relative density</b>	1.0255 - 1.040 @ 25.0 °C
<b>Bulk Density</b>	No Information available.
<b>Solubility</b>	Miscible.
<b>Decomposition temperature</b>	No Information available.
<b>Partition coefficient; n-octanol/water</b>	No Information available.
<b>Auto Ignition Temperature (°C)</b>	No Information available.
<b>Viscosity</b>	No Information available.
<b>Explosive Properties</b>	No information available.
<b>Oxidizing Properties</b>	No Information available.
<b>Molecular Weight</b>	No Information available.
<b>Volatile Organic Compound</b>	No Information available.

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## SECTION 10: Stability and Reactivity

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<b>Reactivity</b>	No specific reactivity hazards are associated with the product.
<b>Stability</b>	Stable under normal temperature conditions and recommended use.
<b>Hazardous Polymerisation</b>	Hazardous polymerization is not expected to occur under normal temperatures and pressures.
<b>Hazardous Decomposition Products</b>	None under normal conditions.
<b>Conditions to Avoid</b>	No specific conditions to avoid are noted.
<b>Materials to Avoid</b>	No specific materials to avoid are noted.

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## SECTION 11: Toxicological Information

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<b>Toxicological Information</b>	No toxicological information for the overall finished product.
<b>Acute Toxicity (Oral LD50)</b>	No Information available.
<b>Acute Toxicity (Dermal LD50)</b>	No Information available.
<b>Acute Toxicity (Inhalation LC50)</b>	No Information available.
<b>Skin Corrosion/Irritation</b>	No Information available.
<b>Respiratory Sensitisation</b>	No Information available.
<b>Skin Sensitisation</b>	No Information available.
<b>Reproductive Toxicity:</b>	No Information available.
<b>Germ Cell Mutagenicity:</b>	
<b>Genotoxicity - In Vitro</b>	
<b>Genotoxicity - In Vivo</b>	
<b>Carcinogenicity:</b>	
<b>Carcinogenicity</b>	No Information available.
<b>NTP - Carcinogenicity</b>	The product and its components are not listed.
<b>OSHA - Carcinogenicity</b>	The product and its components are not listed.
<b>IARC Carcinogenicity</b>	The product and its components are not listed.
<b>Specific Target Organ Toxicity - Single Exposure:</b>	
<b>STOT - Single Exposure</b>	No Information available.
<b>Specific Target Organ Toxicity - Repeated Exposure:</b>	
<b>STOT - Repeated Exposure</b>	No Information available.

**SECTION 12: Ecological Information**

<b>Ecotoxicity</b>	No Information available.
<b>Acute Toxicity - Fish</b>	No Information available.
<b>Acute Toxicity - Aquatic Invertebrates</b>	No Information available.
<b>Acute Toxicity - Aquatic Plants</b>	No Information available.
<b>Degradability</b>	No information available.
<b>Bioaccumulative Potential</b>	No data available on bioaccumulation.
<b>Mobility</b>	No information available
<b>Results of PBT and vPvB Assessment</b>	The product does not contain any PBT or vPvB Substances.
<b>Other Adverse Effects</b>	None known.

**SECTION 13: Disposal Considerations**

<b>Waste Management</b>	When handling waste, consideration should be made to the safety precautions applying to handling of the product.
<b>Disposal Methods</b>	Dispose in accordance with all applicable federal, state and local laws and regulations.

**SECTION 14: Transport Information**

<b>UN No. (DOT/TDG)</b>	Not applicable.
<b>UN No. (IMDG)</b>	Not applicable.
<b>UN No. (ICAO)</b>	Not applicable.
<b>DOT Proper Shipping Name</b>	Not applicable.
<b>TDG Proper Shipping Name</b>	Not applicable.
<b>DOT Hazard Class</b>	Not applicable.
<b>DOT Hazard Label</b>	Not applicable.
<b>TDG Class</b>	Not applicable.
<b>TDG Label(s)</b>	Not applicable.
<b>IMDG Class</b>	Not applicable.
<b>ICAO Class</b>	Not applicable.
<b>Transport Labels</b>	
<b>DOT Pack Group</b>	Not applicable.
<b>IMDG Pack Group</b>	Not applicable.
<b>Air Pack Group</b>	Not applicable.
<b>EMS</b>	Not applicable.
<b>Environmentally Hazardous Substance/Marine Pollutant</b>	No

**SECTION 15: Regulatory Information**

US Federal Regulations

SARA Section 302 Extremely Hazardous Substances Tier II Threshold Planning Quantities

The Following ingredients are listed      None Listed.

**CERCLA/Superfund, Hazardous Substances/Reportable Quantities (EPA)**

The Following ingredients are listed      None Listed.

**SARA Extremely Hazardous Substances EPCRA Reportable Quantities**

The Following ingredients are listed      None Listed.

**SARA 313 Emission Reporting**

The Following ingredients are listed      None Listed.

**CAA Accidental Release Prevention**

The Following ingredients are listed      acetic acid

**OSHA Highly Hazardous Chemicals**

The Following ingredients are listed      None Listed.

US State Regulations

**California Proposition 65 Carcinogens and Reproductive Toxins**

The Following ingredients are listed      None Listed.

**California Air Toxics "Hot Spots" (A-I)**

The Following ingredients are listed      None Listed.

**California Air Toxics "Hot Spots" (A-Ii)**

The Following ingredients are listed      None Listed.

**Massachusetts "Right To Know" List**

The Following ingredients are listed      acetic acid

**Rhode Island "Right To Know" List**

The Following ingredients are listed      None Listed.

**Minnesota "Right To Know" List**

The Following ingredients are listed      acetic acid

**New Jersey "Right To Know" List**

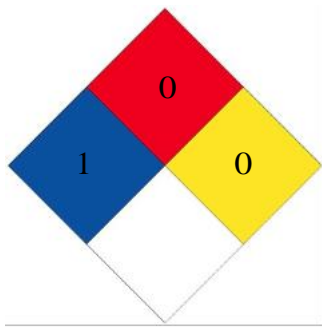
The Following ingredients are listed      acetic acid

**Pennsylvania "Right To Know" List**

The Following ingredients are listed      acetic acid

**SECTION 16: Other Information**

**NATIONAL FIRE PROTECTION ASSOCIATION (NFPA)**



**HAZARDOUS MATERIAL INFORMATION SYSTEM (HMIS)**

<b>Health</b>	<b>1</b>
<b>Flammability</b>	<b>0</b>
<b>Physical Hazard</b>	<b>0</b>
<b>Personal Protection</b>	<b>B</b>

**Revision Comments**

**Revision Date** 06/23/2015

**Revision** 1

**Disclaimer**

This 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. Such information is, to the best of the company's knowledge and belief, accurate and reliable as of the date indicated. However, no warranty guarantee or representation is made to its accuracy, reliability or completeness. It is the user's responsibility to satisfy himself as to the suitability of such information for his own particular use.