

Product ASTM J2721 SOLUTION, PREMIXED, 55 GALLON DRUM
Revision Date 06/23/2015
Revision 1



Safety Data Sheet

SECTION 1: IDENTIFICATION

Product Name ASTM J2721 SOLUTION, PREMIXED, 55 GALLON DRUM
Product Code C173350-6
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 Semi-clear.
Odor Odorless.

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	%
calcium chloride	CAS-No.: 10043-52-4 EC No.: 233-140-8	Eye Irrit.2A - H319	1-10%
potassium chloride	CAS-No.: 7447-40-7 EC No.: 231-211-8		0-1%

sodium chloride	CAS-No.: 7647-14-5 EC No.: 231-598-3		0-1%
water	CAS-No.: 7732-18-5 EC No.: 231-791-2		60-100%
Magnesium chloride (MgCl ₂), hexahydrate	CAS-No.: 7791-18-6 EC No.:		1-10%

Composition Comments

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

SECTION 4: FIRST AID MEASURESDescription 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



Ingredient Comments

No occupational exposure limits noted for the ingredients(s).

Process Conditions Engineering Measures Respiratory Equipment Hand Protection

Keep container tightly sealed when not in use.
Provide adequate ventilation.
Respiratory protection is not required.
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

Appearance	Liquid.
Color	Semi-clear.
Odor	Odorless.
Odor Threshold - Lower	No Information available.
Odor Threshold - Upper	No Information available.
pH-Value, Conc. Solution	No Information available.
Melting point	No Information available.
Initial boiling point and boiling range	212.0 °F
Flash point	No Information available.
Evaporation rate	No Information available.
Flammability State	No Information available.
Flammability Limit - Lower(%)	No Information available.
Flammability Limit - Upper(%)	No Information available.
Vapor pressure	14.00 0.00
Vapor Density (air=1)	0.7

Relative density	No Information available.
Bulk Density	No Information available.
Solubility	Completely soluble in water.
Decomposition temperature	No Information available.
Partition coefficient; n-octanol/water	No Information available.
Auto Ignition Temperature (°C)	No Information available.
Viscosity	No Information available.
Explosive Properties	No information available.
Oxidizing Properties	No Information available.
Molecular Weight	No Information available.
Volatile Organic Compound	No Information available.

SECTION 10: Stability and Reactivity

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

SECTION 11: Toxicological Information

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

SECTION 12: Ecological Information

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

SECTION 13: Disposal Considerations

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

SECTION 14: Transport Information

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

SECTION 15: Regulatory InformationUS 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 None Listed.

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 None Listed.

Rhode Island "Right To Know" List

The Following ingredients are listed None Listed.

Minnesota "Right To Know" List

The Following ingredients are listed None Listed.

New Jersey "Right To Know" List

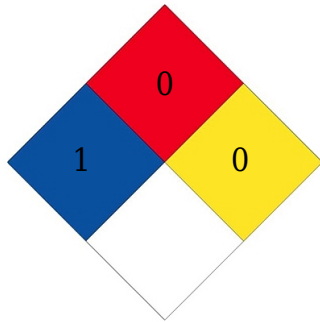
The Following ingredients are listed None Listed.

Pennsylvania "Right To Know" List

The Following ingredients are listed None Listed.

SECTION 16: Other Information

NATIONAL FIRE PROTECTION ASSOCIATION (NFPA)



HAZARDOUS MATERIAL INFORMATION SYSTEM (HMIS)

Health	1
Flammability	0
Physical Hazard	0
Personal Protection	B

Revision Comments

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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.