

Safety Data Sheet

Issue date: 3/9/2015

Section 1: Product and Company Information


Product Identifier: **ACS 3.7% Chlorine Bleach**
Product Code/SKU: 12001201

Recommended Use:
Restrictions on Use: Use only for purpose found on label.
Product Dilution Information: Normal usage range 0.26% - 0.7815%

Manufacturer: **American Chemical Systems II, LLC**
3505 W. 29th Street South
Wichita, KS USA 67217
(800)889-3489
americanchemicalsystems.com

Emergency Telephone: Chemtrec 1-800-424-9300 USA and Canada

Section 2: Hazard Identification

	Product as Sold	Product at use Dilution
GHS Classification:	Skin irritation/corrosion Eye irritation/eye damage	Not classified
GHS Labeling Element		
Signal Word:	Danger	No signal word
Symbol:		No symbol
Hazard Statement:	Causes skin and eye damage	No known significant effects or hazards
Precautionary Statements:		
Prevention:	Wear protective clothing, gloves, and eye and face protection.	Wash hands with water after handling
Response:		
If swallowed:	Rinse mouth, do not induce vomiting.	Seek medical assistance if symptoms persist.
If on skin:	Wash with water, remove contaminated clothing.	
Inhalation:	Remove person to fresh air - administer artificial respiration if not breathing.	
If in eye:	Flush continuously with water - remove contacts and continue flushing with water.	
Treatment:	Seek medical assistance if symptoms persist.	
Storage:	Keep product stored in original container, in an upright position, with container tightly closed.	
Disposal:	Dispose of contents/container according to local/regional regulations.	Dispose of contents/container according to local/regional regulations.
Other Hazards:	None known	None known

Section 3: Composition/Information on Ingredients

	Product as Sold	Product at use Dilution
Substance/Mixture:	Mixture	
Chemical name	Product Identifier	%
Dichloroisocyanuric acid	CAS 2893-78-9	3.7
There are no additional ingredients present which, within the current		Within the current knowledge of the manufacturer and in the concentrations applicable, there are no hazardous ingredients that would require reporting.

knowledge of the manufacturer and in the concentrations applicable, are classified as hazardous to health or to the environment and hence require reporting in this section.

Section 4: First Aid Measures

First Aid Measures:	Product as Sold	Product at use Dilution
General:	Never give anything by mouth to an unconscious person. If you feel unwell, then seek medical assistance.	Never give anything by mouth to an unconscious person. If you feel unwell, then seek medical assistance.
If swallowed:	Rinse mouth, do not induce vomiting.	Seek medical assistance if symptoms persist.
If on skin:	Wash with water, remove contaminated clothing.	No known effect after skin contact. Rinse w/ water.
Inhalation:	Remove person to fresh air - administer artificial respiration if not breathing.	No specific measures required.
If in eye:	Flush continuously with water - remove contacts and continue flushing with water.	No known effect with eye contact. Flush with water.
Treatment:	Seek medical assistance if symptoms persist.	
Important Symptoms and Effects, both Acute and Delayed		
Symptoms/Injuries:	Causes severe skin burns and eye damage. Effects of exposure may be delayed.	
If swallowed:	Ingestion is likely to be harmful and have adverse health effects.	Seek medical assistance if symptoms persist.
If on skin:	Causes skin burns.	
Inhalation:	Symptoms may cause irritation to the respiratory tract.	
If in eye:	Causes eye damage.	
Recommendation:	Seek medical assistance if symptoms persist or concerns are present.	Seek medical assistance if symptoms persist or concerns are present.
First Aid Providers	All first aid providers should receive proper training before performing any first aid act that would involve personal risk. Wash contaminated clothing with water thoroughly before removal or wear gloves.	

Section 5: Firefighting Measures

Suitable Fire Extinguishing	
Media:	No special media necessary. Use extinguishing media appropriate for surrounding fire.
Special Hazards:	Product is non flammable and is not explosive. Product is corrosive to metals as sold.
Advice for Firefighters:	Exercise caution when fighting any chemical fire. Use a water spray to cool containers. Do not enter fire area without proper protective equipment, including respiratory protection.

Section 6: Accidental Release Measures

Personal Precautions:	Initiate company's spill procedures. Do not walk through or touch spilled product. Do not get on skin, in eyes, or on clothing. Put on appropriate personal protection equipment.
Environmental Precautions:	Avoid runoff into public waterways, sewers, or onto soil.
Methods for Clean Up:	Follow company's spill procedures. Put on appropriate protective clothing. Neutralize/absorb spilled product with inert material. Dispose of inert material by placing in suitable container. Dispose of waste safely. Rinse with water for a final clean up.

Section 7: Handling and Storage

Precautions for Safe Handling:	Do not get on skin, in eyes, or on clothing. Do not breathe vapor or mist. Do not handle until all safety procedures have been read and understood. Wash hands and other exposed areas with soap and water after handling.
Conditions for Safe Storage:	Keep product in original container, in an upright position, with container tightly closed. Keep out of reach of children.

Section 8: Exposure Controls/Personal Protection

Control parameters:	Exposure Limits
Ingredient Name	
Dichloroisocyanuric acid	None

	Product as Sold	Product at use Dilution
Engineering Controls:	Use adequate ventilation. Keep vapor/fumes below statutory limits. Provide availability	Normal ventilation should be adequate to control vapor/fumes.

to water to flush skin or eyes in case of exposure.

Personal Protection:

Hand protection:	Wear chemical resistant gloves	None needed under normal use conditions
Eye protection:	Use chemical splash goggles. For severe exposure, wear face shield.	None needed under normal use conditions
Skin protection:	Wear suitable protective clothing.	None needed under normal use conditions
Respiratory protection:	Not necessary under normal operating and intended use of this product.	None needed under normal use conditions
General:	Wash hands, face, and arms after handling chemical products and before eating, drinking, or using restroom. Wash contaminated clothing before wearing again.	

Section 9: Physical and Chemical Properties

	Product as Sold	Product at use Dilution
Physical state:	Powder	Liquid
Color:	White	Clear
Odor:	Bleach	Bleach
pH:	8-10	8-10
Evaporation rate:	No data available	
Melting point:	No data available	
Freezing point:	No data available	
Boiling point:	No data available	
Flash point:	No data available	
Explosion limits:	No data available	
Flammability (solid/gas):	No data available	
Vapor pressure:	No data available	
Vapor density:	No data available	
Relative density:	>1 (water=1)	
Solubility:	No data available	
Decomposition temperature:	No data available	

Section 10: Stability and Reactivity

Reactivity:	Stable.
Chemical stability:	Stable.
Hazardous Reactions:	Mixing with incompatibles can release heat and hazardous gases.
Conditions to Avoid:	High humidity. High temperatures.
Incompatible Materials:	Strong acids. Strong bases. Strong oxidizers. Metals.
Hazardous Decomposition Products:	Under normal conditions, hazardous decomposition will not occur.

Section 11: Toxicological Information

Routes of Exposure: Ingestion. Skin contact. Inhalation. Eye contact.

	Product as Sold	Product at use Dilution
Symptoms:		
Ingestion:	Adverse effects: stomach pains	No specific data
Skin Contact:	Adverse effects: irritation, redness, blisters	No specific data
Inhalation:	Adverse effects: cough, respiratory irritation	No specific data
Eye Contact:	Adverse effects: redness, watering, irritation	No specific data
Acute Toxicity:		
Ingestion:	May cause burns to mouth, throat, stomach	No known effects or critical hazards
Skin Contact:	May cause skin burns	No known effects or critical hazards
Inhalation:	May cause respiratory irritation	No known effects or critical hazards
Eye Contact:	May cause serious eye damage.	No known effects or critical hazards

Toxicity Data: No test data on mixture

Carcinogenicity: No known effects or critical hazards

Reproductivity: No known effects or critical hazards

Section 12: Ecological Information

Toxicity: Exposure Species

No test data on mixture

Persistence and degradability: Not established

Bioaccumulative potential: Not established

Mobility in Soil: Not established

Other adverse effects: None noted

Section 13: Disposal Considerations

Disposal methods: **Product as Sold**
 Dispose of waste in accordance with local, regional, and national regulations

Product at use Dilution
 Diluted product may be drained to sanitary sewer. Discard empty container into trash.

Section 14: Transport Information

In accordance with: ICAO/IATA/DOT/TDG

Product as Sold
 DOT Classification: Not regulated
 DOT Shipping name: Not regulated
 Class:
 Packing Group:
 Bulk Transport: See shipping documents for specific transportation information
 Marine Pollutant: No

Product at use Dilution
 Product not to be transported in this manner

Section 15: Regulatory Information

US Federal Regulations:
 TSCA 8(b) Inventory All components are listed or exempted
 SARA 304 No chemicals subject to reporting
 SARA 311/312 Acute health hazard
 SARA 302 No chemicals subject to reporting
 SARA 313 No chemicals subject to reporting

Section 16: Other Information

Product as Sold

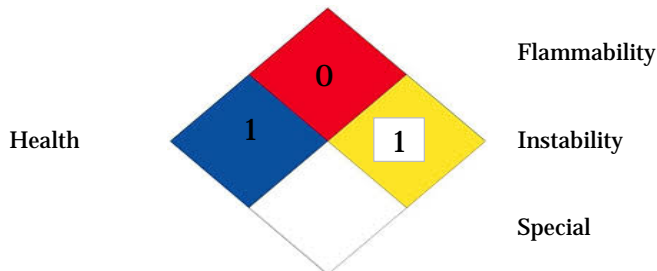
Product at use Dilution

Hazardous Material Information System:

Health	1
Flammability	1
Physical Hazards	1

Health	0
Flammability	0
Physical Hazards	0

National Fire Protection Association (U.S.A.)



The information provided in this SDS Safety Data Sheet is correct to the best of knowledge, information, and belief at this date of publication. The information given is designed only as a guide for safe usage, handling, transporting, storage, disposal and is not to be considered a warranty or quality specification. No warranty, either express or implied, is made to the completeness or continuing accuracy of this information.