



## Safety Data Sheet

According to OSHA Hazard Communication Standard, 29 CFR 1910.1200

Initial preparation date: 02.16.2018

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Tech Chek

### SECTION 1: Identification

#### Product identifier

**Product name:** Tech Chek

**Product code:** 751, 751-5G, 751-55G

**Additional information:** Rev 4.0

#### Recommended use of the product and restriction on use

**Relevant identified uses:** Leak Detector

**Uses advised against:** Not determined or not applicable.

**Reasons why uses advised against:** Not determined or not applicable.

#### Manufacturer or supplier details

**Manufacturer:**

**United States**

Tech International

200 East Coshocton Street

Johnstown, OH 43031

1-740-967-9015

#### Emergency telephone number:

**United States**

**CHEMTREC**

Within USA and Canada: 1-800-424-9300

Outside USA and Canada: +1-703-527-3887

### SECTION 2: Hazard(s) identification

#### GHS classification:

Serious eye damage, category 1

#### Label elements

##### Hazard pictograms:



**Signal word:** Danger

#### Hazard statements:

H318 Causes serious eye damage

#### Precautionary statements:

P280 Wear protective gloves/protective clothing/eye protection/face protection

P305+P351+P338+P310 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact

lenses, if present and easy to do. Continue rinsing. Immediately call a POISON CENTER or doctor/physician.

**Hazards not otherwise classified:** None

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## SECTION 3: Composition/information on ingredients

Identification	Name	Weight %
CAS number: 7647-14-5	Sodium Chloride	<0.02
CAS number: 84133-50-6	Alcohol Ethoxylate	9-11
CAS number: 25322-68-3	Poly (ethylene oxide)	<0.5
CAS number: 4080-31-3	Methenamine 3-chloroallylochloride	<0.1
CAS number: 144-55-8	Sodium hydrogencarbonate	<0.05
CAS number: 100-97-0	Hexamethylenetetramine	<0.02

### Additional Information:

The specific chemical identity and/or exact percentage (concentration) of composition has been withheld as a trade secret in accordance with paragraph (i) of the OSHA Hazard Communication Standard (29 CFR §1910.1200).

## SECTION 4: First aid measures

### Description of first aid measures

#### General notes:

Not determined or not applicable.

#### After inhalation:

Loosen clothing as necessary and position individual in a comfortable position  
Maintain an unobstructed airway  
Get medical advice/attention if you feel unwell

#### After skin contact:

Rinse affected area with soap and water  
If symptoms develop or persist, seek medical attention

#### After eye contact:

Avoid direct contact and wear chemical protective gloves, if necessary  
Rinse eyes cautiously with lukewarm, gently flowing water for several minutes, while holding the eyelids open  
Remove contact lenses, if present and easy to do so  
Continue rinsing until medical aid is available  
Immediately call a POISON CONTROL CENTER or seek medical attention

#### After swallowing:

Rinse mouth thoroughly  
Seek medical attention if irritation, discomfort, or vomiting persists

### Most important symptoms and effects, both acute and delayed

#### Acute symptoms and effects:

Not determined or not applicable.

#### Delayed symptoms and effects:

Not determined or not applicable.

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### Immediate medical attention and special treatment

#### Specific treatment:

Not determined or not applicable.

#### Notes for the doctor:

Not determined or not applicable.

## SECTION 5: Firefighting measures

### Extinguishing media

#### Suitable extinguishing media:

Use appropriate fire suppression agents for adjacent combustible materials or sources of ignition

#### Unsuitable extinguishing media:

Not determined or not applicable.

### Specific hazards during fire-fighting:

Thermal decomposition can lead to release of irritating gases and vapors

### Special protective equipment for firefighters:

Use typical firefighting equipment, self-contained breathing apparatus, special tightly sealed suit

### Special precautions:

Not determined or not applicable.

## SECTION 6: Accidental release measures

### Personal precautions, protective equipment and emergency procedures:

Ensure adequate ventilation

Ensure air handling systems are operational

Wear protective eye wear, gloves and clothing

### Environmental precautions:

Should not be released into the environment

Prevent from reaching drains, sewer or waterway

### Methods and material for containment and cleaning up:

Wear protective eye wear, gloves and clothing

Absorb with non-combustible liquid-binding material (sand, diatomaceous earth (clay), acid binders, universal binders)

Dispose of contents / container in accordance with local regulations

### Reference to other sections:

Not determined or not applicable.

## SECTION 7: Handling and storage

### Precautions for safe handling:

Use only with adequate ventilation.

Avoid breathing mist or vapor.

Do not eat, drink, smoke or use personal products when handling chemical substances.

### Conditions for safe storage, including any incompatibilities:

Keep container tightly sealed.

Protect from freezing and physical damage.

Store in a cool, well-ventilated area.

## SECTION 8: Exposure controls/personal protection

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Only those substances with limit values have been included below.

### Occupational Exposure limit values:

Country (Legal Basis)	Substance	Identifier	Permissible concentration
WEEL	Poly (ethylene oxide)	25322-68-3	WEEL TWA 10.0 mg/m <sup>3</sup>

### Biological limit values:

No biological exposure limits noted for the ingredient(s).

### Information on monitoring procedures:

Monitoring of the concentration of substances in the breathing zone of workers or in the general workplace may be required to confirm compliance with an OEL and adequacy of exposure controls.

Biological monitoring may also be appropriate for some substances.

### Appropriate engineering controls:

Emergency eye wash fountains and safety showers should be available in the immediate vicinity of use or handling.

Provide exhaust ventilation or other engineering controls to keep the airborne concentrations of vapor and mists below the applicable workplace exposure limits (Occupational Exposure Limits-OELs) indicated above.

### Personal protection equipment

#### Eye and face protection:

Safety goggles or glasses, or appropriate eye protection.

#### Skin and body protection:

Select glove material impermeable and resistant to the substance.

Wear appropriate clothing to prevent any possibility of skin contact.

Glove thickness should be typically greater than 0.35 mm depending on the glove make and model.

Always seek advice from glove suppliers

For continuous contact we recommend nitrile gloves with breakthrough time of more than 240 minutes with preference for > 480 minutes where suitable gloves can be identified.

#### Respiratory protection:

If engineering controls do not maintain airborne concentrations below recommended exposure limits (where applicable) or to an acceptable level (in countries where exposure limits have not been established), an approved respirator must be worn.

Use a positive pressure air supplied respirator if there is any potential for an uncontrolled release, exposure levels are not known, or any other circumstances where air purifying respirators may not provide adequate protection.

Use a NIOSH/MSHA approved respirator if exposure limits are exceeded or if irritation or other symptoms are experienced. Comply with the OSHA respirator regulations found in 29 CFR 1910.134.

### General hygienic measures:

Avoid contact with skin, eyes and clothing.

Wash hands before breaks and at the end of work.

Wash contaminated clothing before reuse.

## SECTION 9: Physical and chemical properties

### Information on basic physical and chemical properties

Appearance	Red Liquid
Odor	Slight Surfactant
Odor threshold	Not determined or not available.
pH	Not determined or not available.
Melting point/freezing point	0°C (32°F)

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Initial boiling point/range	100°C (212°F)
Flash point (closed cup)	Not determined or not available.
Evaporation rate	Not determined or not available.
Flammability (solid, gas)	Not determined or not available.
Upper flammability/explosive limit	Not determined or not available.
Lower flammability/explosive limit	Not determined or not available.
Vapor pressure	Not determined or not available.
Vapor density	Not determined or not available.
Density	Not determined or not available.
Relative density	1.0
Solubilities	Not determined or not available.
Partition coefficient (n-octanol/water)	Not determined or not available.
Auto/Self-ignition temperature	Not determined or not available.
Decomposition temperature	Not determined or not available.
Dynamic viscosity	Not determined or not available.
Kinematic viscosity	Not determined or not available.
Explosive properties	Not determined or not available.
Oxidizing properties	Not determined or not available.

## Other information

### SECTION 10: Stability and reactivity

#### Reactivity:

Does not react under normal conditions of use and storage.

#### Chemical stability:

Stable under normal conditions of use and storage.

#### Possibility of hazardous reactions:

None under normal conditions of use and storage.

#### Conditions to avoid:

None known.

#### Incompatible materials:

None known.

#### Hazardous decomposition products:

None known.

### SECTION 11: Toxicological information

#### Acute toxicity

**Assessment:** Based on available data, the classification criteria are not met.

**Product data:** No data available.

#### Substance data:

Name	Route	Result
Methenamine 3-chloroallylochloride	oral	LD50 - Rabbit - 78.5 mg/kg
	dermal	LD50 - Rabbit - 565 mg/kg

#### Skin corrosion/irritation

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**Assessment:** Based on available data, the classification criteria are not met.

**Product data:** No data available.

### Substance data:

Name	Result
Methenamine 3-chloroallylochloride	Irritating to the skin.
Alcohol Ethoxylate	Irritating to the skin.

### Serious eye damage/irritation

**Assessment:** Causes serious eye damage

**Product data:** No data available.

### Substance data:

Name	Result
Methenamine 3-chloroallylochloride	Irritating effect on the eyes.
Alcohol Ethoxylate	Corrosive to the eyes.

### Respiratory or skin sensitization

**Assessment:** Based on available data, the classification criteria are not met.

**Product data:** No data available.

### Substance data:

Name	Result
Hexamethylenetetramine	Sensitization possible through skin contact.

### Carcinogenicity

**Assessment:** Based on available data, the classification criteria are not met.

**Product data:** No data available.

**Substance data:** No data available.

**International Agency for Research on Cancer (IARC):** None of the ingredients are listed.

**National Toxicology Program (NTP):** None of the ingredients are listed.

### Germ cell mutagenicity

**Assessment:** Based on available data, the classification criteria are not met.

**Product data:** No data available.

**Substance data:** No data available.

### Reproductive toxicity

**Assessment:** Based on available data, the classification criteria are not met.

**Product data:** No data available.

**Substance data:** No data available.

### Specific target organ toxicity (single exposure)

**Assessment:** Based on available data, the classification criteria are not met.

**Product data:** No data available.

**Substance data:** No data available.

### Specific target organ toxicity (repeated exposure)

**Assessment:** Based on available data, the classification criteria are not met.

**Product data:** No data available.

**Substance data:** No data available.

### Aspiration toxicity

**Assessment:** Based on available data, the classification criteria are not met.

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**Product data:** No data available.

**Substance data:** No data available.

**Information on likely routes of exposure:** No data available.

**Symptoms related to the physical, chemical and toxicological characteristics:** No data available.

**Other information:** No data available.

## SECTION 12: Ecological information

### Acute (short-term) toxicity

**Assessment:** Based on available data, the classification criteria are not met.

**Product data:** No data available.

**Substance data:** No data available.

### Chronic (long-term) toxicity

**Product data:** No data available.

**Substance data:** No data available.

### Persistence and degradability

**Product data:** No data available.

**Substance data:** No data available.

### Bioaccumulative potential

**Product data:** No data available.

**Substance data:** No data available.

### Mobility in soil

**Product data:** No data available.

**Substance data:** No data available.

**Other adverse effects:** No data available.


## SECTION 13: Disposal considerations

### Disposal methods:


It is the responsibility of the waste generator to properly characterize all waste materials according to applicable regulatory entities

## SECTION 14: Transport information

### United States Transportation of dangerous goods (49 CFR DOT)

<b>UN number</b>	UN1760
<b>UN proper shipping name</b>	Corrosive liquid, N.O.S. Alcohol Ethoxylate
<b>UN transport hazard class(es)</b>	8 
<b>Packing group</b>	II
<b>Environmental hazards</b>	None
<b>Special precautions for user</b>	None

### International Maritime Dangerous Goods (IMDG)

<b>UN number</b>	UN1760
<b>UN proper shipping name</b>	Corrosive liquid, N.O.S. Alcohol Ethoxylate
<b>UN transport hazard class(es)</b>	8 

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<b>Packing group</b>	II
<b>Environmental hazards</b>	None
<b>Special precautions for user</b>	None

**International Air Transport Association Dangerous Goods Regulations (IATA-DGR)**

<b>UN number</b>	UN1760
<b>UN proper shipping name</b>	Corrosive liquid, N.O.S. Alcohol Ethoxylate
<b>UN transport hazard class(es)</b>	8 
<b>Packing group</b>	II
<b>Environmental hazards</b>	None
<b>Special precautions for user</b>	None

**SECTION 15: Regulatory information**

**United States regulations**

**Inventory listing (TSCA):**

4080-31-3	Methenamine 3-chloroallylochloride	Listed
100-97-0	Hexamethylenetetramine	Listed
144-55-8	Sodium hydrogencarbonate	Listed
7647-14-5	Sodium Chloride	Listed
84133-50-6	Alcohol Ethoxylate	Listed
25322-68-3	Poly (ethylene oxide)	Listed

**Significant New Use Rule (TSCA Section 5):** Not determined.

**Export notification under TSCA Section 12(b):** Not determined.

**SARA Section 302 extremely hazardous substances:** Not determined.

**SARA Section 313 toxic chemicals:**

4080-31-3	Methenamine 3-chloroallylochloride	Listed
100-97-0	Hexamethylenetetramine	Not Listed
144-55-8	Sodium hydrogencarbonate	Not Listed
25322-68-3	Poly (ethylene oxide)	Not Listed
84133-50-6	Alcohol Ethoxylate	Not Listed
7647-14-5	Sodium Chloride	Not Listed

**CERCLA:** Not determined.

**RCRA:** Not determined.

**Section 112(r) of the Clean Air Act (CAA):** Not determined.

**Massachusetts Right to Know:**

100-97-0	Hexamethylenetetramine	Not Listed
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144-55-8	Sodium hydrogencarbonate	Not Listed
4080-31-3	Methenamine 3-chloroallylochloride	Not Listed
25322-68-3	Poly (ethylene oxide)	Not Listed
84133-50-6	Alcohol Ethoxylate	Not Listed
7647-14-5	Sodium Chloride	Not Listed

### New Jersey Right to Know:

100-97-0	Hexamethylenetetramine	Listed
144-55-8	Sodium hydrogencarbonate	Not Listed
4080-31-3	Methenamine 3-chloroallylochloride	Listed
25322-68-3	Poly (ethylene oxide)	Not Listed
84133-50-6	Alcohol Ethoxylate	Not Listed
7647-14-5	Sodium Chloride	Not Listed

### New York Right to Know:

100-97-0	Hexamethylenetetramine	Listed
144-55-8	Sodium hydrogencarbonate	Not Listed
4080-31-3	Methenamine 3-chloroallylochloride	Not Listed
25322-68-3	Poly (ethylene oxide)	Not Listed
84133-50-6	Alcohol Ethoxylate	Not Listed
7647-14-5	Sodium Chloride	Not Listed

### Pennsylvania Right to Know:

100-97-0	Hexamethylenetetramine	Not Listed
144-55-8	Sodium hydrogencarbonate	Not Listed
4080-31-3	Methenamine 3-chloroallylochloride	Not Listed
25322-68-3	Poly (ethylene oxide)	Not Listed
84133-50-6	Alcohol Ethoxylate	Not Listed
7647-14-5	Sodium Chloride	Not Listed

**California Proposition 65:** None of the ingredients are listed.

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### SECTION 16: Other information

**Abbreviations and Acronyms:** None

**Disclaimer:**

This product has been classified in accordance with OSHA HCS 2012 guidelines. The information provided in this SDS is correct, to the best of our knowledge, based on information available. The information given is designed only as a guidance for safe handling, use, storage, transportation and disposal and is not to be considered a warranty or quality specification. The information relates only to the specific material designated and may not be valid for such material used in combination with any other materials, unless specified in the text. The responsibility to provide a safe workplace remains with the user.

**NFPA:** 2-0-0

**HMIS:** 2-0-0

**Initial preparation date:** 02.16.2018

**End of Safety Data Sheet**