

# Safety Data Sheet ANCOOL 7320

Supersedes Date 12/09/2014

Issuing Date 11/18/2016

## 1. PRODUCT AND COMPANY IDENTIFICATION

Product Name ANCOOL 7320  
Recommended use Inhibitor  
Information on Manufacturer  
CHEM-AQUA, INC  
BOX 152170  
IRVING, TEXAS 75015

Product Code 42TZ  
Chemical nature Aqueous mixture  
Emergency Telephone Number  
CHEMTREC® 800-424-9300  
Telephone inquiry  
972-579-2477

## 2. HAZARD IDENTIFICATION

Color Amber

Physical state Liquid

Odor Slight Aromatic

### GHS

#### Classification

#### Physical Hazards

None

#### Health Hazard

Specific target organ toxicity (repeated exposure)

Category 2

#### Other hazards

None

#### Labelling

#### Signal Word

WARNING



#### Hazard statements

H373 - May cause damage to organs through prolonged or repeated exposure

#### Precautionary Statements

P260 - Do not breathe mist.  
P501 - Dispose of contents and container in accordance with applicable local regulations.

## 3. COMPOSITION / INFORMATION ON INGREDIENTS

Component	CAS No.	Weight %
Sodium molybdate	7631-95-0	1-5

\*The exact percentage (concentration) of composition has been withheld as a trade secret

## 4. FIRST AID MEASURES

#### General advice

Avoid contact with skin, eyes and clothing. Avoid breathing mist.

#### Eye Contact

Rinse thoroughly with plenty of water, also under the eyelids. Get medical attention if irritation develops and persists.

#### Skin Contact

Wash off with soap and plenty of water. Get medical attention if irritation develops and persists. Remove and wash contaminated clothing before re-use.

#### Inhalation

If inhaled, remove to fresh air. Get medical attention if symptoms occur.

#### Ingestion

Drink 1 or 2 glasses of water. Do NOT induce vomiting. Get medical attention if symptoms occur.

#### Notes to physician

Treat symptomatically.

## 5. FIRE-FIGHTING MEASURES

Flash Point Does not flash

Method No data available

Flammability Limits in Air %: Not applicable.

Upper: No data available

Lower: No data available

Suitable Extinguishing Media

Water spray. Carbon dioxide (CO<sub>2</sub>). Foam. Dry chemical. Use extinguishing measures that are appropriate to local circumstances and the surrounding environment.

Specific hazards arising from the chemical

Material can create slippery conditions.

Protective Equipment and Precautions for Firefighters

As in any fire, wear self-contained breathing apparatus pressure-demand, NOHSC (approved or equivalent) and full protective gear.

NFPA

Health 2

Flammability 0

Instability 0

HMIS

Health 2

Flammability 0

Instability 0

**6. ACCIDENTAL RELEASE MEASURES****Personal Precautions**

Use personal protective equipment. Ensure adequate ventilation. Prevent further leakage or spillage if safe to do so. Material can create slippery conditions.

**Environmental Precautions**

Do not flush into surface water or sanitary sewer system.

**Methods for Containment**

Contain spillage, soak up with non-combustible absorbent material, (e.g. sand, earth, diatomaceous earth, vermiculite) and transfer to a container for disposal according to local / national regulations (see section 13).

**Methods for Cleaning Up**

Pick up and transfer to properly labeled containers.

**Neutralizing Agent**

Not applicable.

**7. HANDLING AND STORAGE****Handling**

Avoid contact with skin, eyes and clothing. Avoid breathing mist.

**Storage**

Store in original container. Keep containers tightly closed in a dry, cool and well-ventilated place. Freezing will affect the physical condition but will not damage the material. Thaw and mix before using.

**Storage Temperature**

Minimum 35 °F / 2 °C

Maximum

110 °F / 43 °C

**Storage Conditions**

Indoor X Outdoor

Heated

Refrigerated

**8. EXPOSURE CONTROLS / PERSONAL PROTECTION****Exposure Guidelines**

Component	ACGIH TLV	OSHA PEL	NIOSH
Sodium molybdate	TWA: 0.5 mg/m <sup>3</sup> respirable fraction	TWA: 5 mg/m <sup>3</sup>	No data available

**Engineering Measures**

Ensure adequate ventilation, especially in confined areas. Where reasonably practicable this should be achieved by the use of local exhaust ventilation and good general extraction.

**Personal Protective Equipment**

Eye/Face Protection

Safety glasses with side-shields.

Skin Protection

Wear suitable protective clothing, Impervious gloves.

Respiratory Protection

In case of insufficient ventilation wear suitable respiratory equipment. When workers are facing concentrations above the exposure limit they must use appropriate certified respirators.

**General Hygiene Considerations**

Ensure that eyewash stations and safety showers are close to the workstation location. Wear protective gloves/clothing. Remove and wash contaminated clothing before re-use.

**9. PHYSICAL AND CHEMICAL PROPERTIES**

Physical state	Liquid	Viscosity	Non viscous
Color	Amber	Odor	Slight Aromatic
Odor Threshold	Not applicable	Appearance	Transparent - Hazy
pH	8	Specific Gravity	1.223
Evaporation Rate	0.44 (Butyl acetate=1)	Percent Volatile (Volume)	83.9
VOC Content (%)	0	VOC Content (g/L)	0
Vapor Pressure	14.2 mmHg @ 70°F	Vapor Density	0.6 (Air = 1.0)
Solubility	Completely soluble	n-Octanol/Water Partition	No data available
Melting Point/Range	No data available	Decomposition Temperature	No data available
Boiling Point/Range	> 212 °F / 100 °C	Flammability (solid, gas)	No data available
Flash Point	Does not flash	Method	No data available
Autoignition Temperature	No information available.		
Flammability Limits in Air %:	Not applicable	Upper: No data available	Lower: No data available

**10. STABILITY AND REACTIVITY****Chemical Stability**

Stable. Hazardous polymerization does not occur.

**Conditions to Avoid**

None known.

**Incompatible Products**

Strong oxidizing agents, Alkali metals.

Decomposition Temperature  
Hazardous Decomposition Products  
Possibility of Hazardous Reactions

No data available  
Carbon oxides, Oxides of phosphorus, Sodium oxides.  
None under normal processing.

## 11. TOXICOLOGICAL INFORMATION

**Product Information** No information available.

The following values are calculated based on chapter 3.1 of the GHS document

Oral LD50 No information available  
Dermal LD50 No information available  
Inhalation LC50  
Gas No information available  
Mist No information available  
Vapor No information available

**Principle Route of Exposure** Skin contact, Eye contact, Inhalation.

**Primary Routes of Entry** Ingestion.

**Acute Effects:**

Eyes Low hazard for usual industrial or commercial handling.  
Skin Low hazard for usual industrial or commercial handling.  
Inhalation May cause irritation of respiratory tract.  
Ingestion Ingestion may cause gastrointestinal irritation, nausea, vomiting and diarrhea.

**Chronic Toxicity** Kidney injury may occur.

**Target Organ Effects** Respiratory system, Blood, Kidney, Eyes.

**Aggravated Medical Conditions** Respiratory disorders, Blood disorders, Kidney disorders.

**Component Information**

**Acute Toxicity**

Component	Oral LD50	Dermal LD50	Inhalation LC50	Draize Test	Other
Sodium molybdate 7631-95-0	= 4000 mg/kg ( Rat )	no data available	> 2080 mg/m <sup>3</sup> ( Rat ) 4 h	No data available	No data available

**Chronic Toxicity**

Component	Mutagenicity	Sensitization	Developmental Toxicity	Reproductive Toxicity	Target Organ Effects
Sodium molybdate 7631-95-0	No data available	No data available	No data available	No data available	Blood; Eyes; Respiratory system; Kidney

**Carcinogenicity** There are no known carcinogenic chemicals in this product.

## 12. ECOLOGICAL INFORMATION

**Product Information** No information available.

**Component Information** No information available.

**Persistence and Degradability** No information available.

**Bioaccumulation** No information available.

**Mobility** No information available.

## 13. DISPOSAL CONSIDERATIONS

**Product Disposal** Dispose of in accordance with local regulations.

**Container Disposal** Empty containers should be taken for local recycling, recovery, or waste disposal.

## 14. TRANSPORT INFORMATION

DOT Not regulated

TDG Not regulated

ICAO Not regulated

IATA Not regulated

IMDG/IMO Not regulated

**15. REGULATORY INFORMATION****Inventories**

TSCA

Complies

DSL

Complies

U.S. Federal Regulations

**SARA 313**

Section 313 of Title III of the Superfund Amendments and Reauthorization Act of 1986 (SARA). This product does not contain any chemicals which are subject to the reporting requirements of the Act and Title 40 of the Code of Federal Regulations, Part 372.

**SARA 311/312 Hazardous Categorization**

Acute Health Hazard	Chronic Health Hazard	Fire Hazard	Sudden Release of Pressure Hazard	Reactive Hazard
No	Yes	No	No	No

CERCLA

**16. OTHER INFORMATION**

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Reason for Revision

No information available.

Glossary

No information available.

List of References.

No information available.

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