## MATERIAL SAFETY DATA SHEET



Acidic Titration Solvent for Distillates

## SECTION 1 . Product and Company Idenfication

Product Name and Synonym: Acidic Titration Solvent for Distillates

Product Code: 0125

Material Uses:

Manufacturer: Aqua Solutions, Inc

6913 Hwy 225

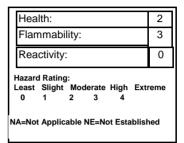
Deer Park, TX 77536

(281) 479-2569

Entry Date : 12/1/2014
Print Date: 12/1/2014

24 Hour Emergency Assistance : Chemtrec 800-424-9300

Canutec 613-996-6666



#### **SECTION 2 HAZARD IDENTIFICATION**

Keep away from heat and ignition sources. Harmful if swallowed. Avoid breathing vapors. Use with adequate ventilation. Avoid contact with eyes, skin, and clothes. Wash thoroughly after handling. Keep container closed.

### SECTION 3 MIXTURE COMPONENTS

SARA 313	Component	CAS Number	Percent Comp.	Dimension	Exposure Limits
☐ Acetic Ac	id, Glacial	CAS# 64-19-7	0.46%	V/V	10 ppm OSHA TWA, 15 ppm OSHA STEL
✓ Isopropyl propanol)	Alcohol (2-	CAS# 67-63-0	97.5%	V/V	OSHA TWA 400 ppm, STEL 500 ppm
☐ Sodium A	Acetate Anhydrous	CAS# 127-09-3	0.16%	W/V	TXDS: orl-rat LD•□:3530 mg/Kg
	eionized ASTM	CAS# 7732-18- 5	2%	V/V	None Established

# **SECTION 4 FIRST AID MEASURES**

Keep away from heat and ignition sources. Harmful if swallowed. Avoid breathing vapors. Use with adequate ventilation. Avoid contact with eyes, skin, and clothes. Wash thoroughly after handling. Keep container closed.

FIRST AID: SKIN: Remove contaminated clothing. Wash exposed area with soap and water. if irritation persists, seek medical attention.

EYES: Wash eyes with plenty of water for at least 15 minutes, lifting lids occasionally. Seek Medical Aid. INHALATION: Remove to fresh air. If not breathing, give artificial respiration. If breathing is difficult, give oxygen

INGESTION: Give several glasses of milk or water. Vomiting may occur spontaneously, but DO NOT INDUCE! Never give anything by mouth to an unconscious person.

Acidic Titration Solvent for Distillates

SECTION 5 FIRE FIGHTING MEASURES

Water spray, Carbon dioxide, dry Fire Extinguisher Type:

chemical, powder, foam.

Vapor may travel considerable distance to Fire / Explosion Hazards:

source of ignition and flash back.

Fire Fighting Procedure: Move container from fire area if possible. Wear self-contained

breathing apparatus and protective clothing to prevent contact

with skin and clothing.

SECTION 6 ACCIDENTAL RELEASE MEASURES

Eliminate Ignition Sources. Neutralize with: Soda lime, soda ash. Absorb with vermiculite or other inert material. Place in

container.

SECTION 7 HANDLING AND STORAGE

Store in a cool, dry, well-ventilated place away from incompatible materials. Run-off to sewer may cause fire/explosion hazard. Wash thoroughly after handling.

SECTION 8 EXPOSURE CONTROLS/PERSONAL PROTECTION

None required **Respiratory Protection:** 

Ventilation

Local Exhaust 🗸

Mechanical

Protective Gloves: **NIOSH Approved Gloves** 

Eye Protection: Splash Goggles

Wear appropriate clothing to prevent Other Protective Equipment:

skin exposure

SECTION 9 PHYSICAL AND CHEMICAL PROPERTIES

<0°F >99% Melting Point: Percent Volatile by Volume:

N/E **Boiling Point:** >175°F **Evaporation Rate** 

N/E Vapor Pressure: **Evaporation Standard** 

information Vapor Density: **Auto Ignition Temp** N/E

not available

Soluble

Lower Flamm, Limit in Air

~2%

Clear liquid, Appearance /Odors: Upper Flamm. Limit in Air ~13%

alcohol odor

~60°F Flash Point:

Specific Gravity: <1

Solubility in Water:

SECTION 10 STABILITY AND REACTIVITY INFORMATION

Stability: Stable

Conditions to Avoid: Avoid contact with heat, sparks, flames, or

other sources of ignition.

Acidic Titration Solvent for Distillates

Materials to Avoid: Oxidizers, aluminum, barium perchlorate,

Hazardous Decomposition keton

ketones, strong acids, strong bases.

Products:

Toxic fumes of: Carbon Monoxide, Carbon

Dioxide

Hazardous polymerization: Will Not Occur

Conditions to Avoid: None known

SECTION 11	Toxicological Information	
SECTION 12	Ecological Information	
SECTION 13	Disposal Considerations	
SECTION 14	Transport Information	

DOT Classification: UN1993, Flammable Liquid, n.o.s. (

Isopropanol) 3, PGII

DOT Regulations may change from time to time. Please consult the most recent D.O.T. regulations.

SECTION 15	Regulatory Information	
SECTION 16	Additional Information	

Flammable! Conditions aggravated/target organs: Persons with preexisting skin, eye or respiratory conditions may be more susceptible. Acute: Irritation to eyes, skin, respiratory system, digestive tract. Dizziness, confusion, headache, vomiting, coma. Effects may be fatal. Chronic: Dermatitis, eye damage, systemic poisoning.

Flammability

Health Reactivity

Revisions	NFPA	
	0.1	

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