

MATERIAL SAFETY DATA SHEET

Total Organic Carbon Std.

SECTION 1 . Product and Company Identification

Product Name and Synonym: Total Organic Carbon Std.

Product Code: 9567

Material Uses:

Manufacturer: Science Stuff
1104 Newport Ave
Austin, TX 78753
(512) 837-6020

Entry Date : 7/1/2013

Print Date: 7/1/2013

24 Hour Emergency Assistance : Chemtrec 800-424-9300
Canutec 613-996-6666

| | |
|---------------|---|
| Health: | 1 |
| Flammability: | 0 |
| Reactivity: | 0 |

Hazard Rating:
Least Slight Moderate High Extreme
0 1 2 3 4

NA=Not Applicable NE=Not Established

SECTION 2 HAZARD IDENTIFICATION

Generally not hazardous in normal handling, however good laboratory practices should always be used. Avoid long term exposure to skin or by inhalation.

SECTION 3 MIXTURE COMPONENTS

| SARA 313 | Component | CAS Number | Percent Comp. | Dimension | Exposure Limits |
|--------------------------|-------------------------------------|----------------|---------------|-----------|---|
| <input type="checkbox"/> | Hydrochloric Acid Trace Metal grade | CAS# 7647-01-0 | 0.1% | V/V | OSHA PEL (C) 5 ppm, (C) 7 mg/m ^f |
| <input type="checkbox"/> | Potassium Hydrogen Phthalate | CAS# 877-24-7 | <1% | W/V | TXDS: orl-rat LD ₅₀ : 3200 mg/Kg |
| <input type="checkbox"/> | Water, Deionized ASTM Type II | CAS# 7732-18-5 | Balance | V/V | None Established |

SECTION 4 FIRST AID MEASURES

Generally not hazardous in normal handling, however good laboratory practices should always be used. Avoid long term exposure to skin or by inhalation.

FIRST AID: SKIN: 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 water. Vomiting may occur, but it is not necessary to induce.

SECTION 5 FIRE FIGHTING MEASURES

Fire Extinguisher Type: Any means suitable for extinguishing surrounding fire

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Fire / Explosion Hazards: None
Fire Fighting Procedure: Use any means suitable for extinguishing surrounding fire. Use water spray cool fire exposed containers.

SECTION 6 ACCIDENTAL RELEASE MEASURES

Absorb spill with inert material. Flush excess down drain.

SECTION 7 HANDLING AND STORAGE

Store in a cool dry place. This Material is not considered hazardous. Handle using safe laboratory practices.

SECTION 8 EXPOSURE CONTROLS/PERSONAL PROTECTION

Respiratory Protection: None required
Ventilation
Local Exhaust
Mechanical
Protective Gloves: Wear appropriate gloves to prevent skin exposure
Eye Protection: Safety Glasses
Other Protective Equipment: None required

SECTION 9 PHYSICAL AND CHEMICAL PROPERTIES

| | | | |
|----------------------|---------------------------|-----------------------------|---------------------------|
| Melting Point: | Information not available | Percent Volatile by Volume: | >99 |
| Boiling Point: | 100°C | Evaporation Rate | Information not available |
| Vapor Pressure: | Information not available | Evaporation Standard | |
| Vapor Density: | Information not available | Auto Ignition Temp | Not applicable |
| Solubility in Water: | Soluble | Lower Flamm. Limit in Air | Not applicable |
| Appearance /Odors: | Clear odorless liquid | Upper Flamm. Limit in Air | Not applicable |
| Flash Point: | None | | |
| Specific Gravity: | 1 | | |

SECTION 10 STABILITY AND REACTIVITY INFORMATION

Stability: Stable
Conditions to Avoid: None known
Materials to Avoid:
Hazardous Decomposition Products: Not known to occur
Hazardous polymerization: Will Not Occur
Conditions to Avoid: None known

Total Organic Carbon Std.

SECTION 11 Toxicological Information

SECTION 12 Ecological Information

SECTION 13 Disposal Considerations

SECTION 14 Transport Information

DOT Classification: Not Regulated

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

Overexposure symptoms. Acute: Essentially non-hazardous. Possible irritation of eyes/stomach. Chronic: None known. Conditions aggravated/Target organs: none known.

Flammability

Health

Reactivity

Revisions

NFPA

0.2

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