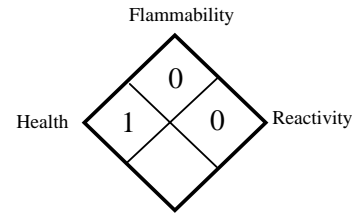


**NFPA Hazard Rating**



0 = Minimum 1 = Light 2 = Moderate 3 = Serious 4 = Extreme

**MATERIAL SAFETY DATA SHEET  
L-56E**

**Section 1 - Product Identification**

J. WALTER INC. 810 Day Hill Road Windsor, CT 06095	<b>Trade name:</b> <b>Product name:</b> <b>Order no.:</b> <b>WHMIS Classification:</b>	<b>Gold Matrix</b> Corrosion inhibitor additive 53-G 001 D2B
<b>Emergency: INFOTRAC (800) 535-5053</b>	<b>Controlled under WHMIS:</b>	Yes

**Section 2 - Hazardous Ingredients**

<u>Ingredients</u>	<u>CAS Number</u>	<u>% by Weight</u>	<u>LD<sub>50</sub>RAT</u>	<u>LC<sub>50</sub>RAT</u>
Triethanolamine	102-71-6	40-50	9110 mg/kg	N/A

**Section 3 - Physical / Chemical Characteristics**

<b>Physical state:</b> Liquid	<b>Odor &amp; appearance:</b> Yellow, mild odor	<b>Odor threshold:</b> N/Av
<b>pH:</b> 8.5	<b>Boiling point:</b> N/Av	<b>Freezing point:</b> N/Av
<b>Specific gravity:</b> 1.17 g/ml @ 20°C	<b>Vapor pressure:</b> N/Av	<b>Vapor density:</b> N/Av
<b>Evaporation rate:</b> Slow	<b>VOC g/l:</b> N/Av	<b>Water solubility:</b> Miscible

**Section 4 - Fire & Explosion Hazard**

**Flammability:** No      **Conditions:** None

**Flashpoint:** >100°C      **Extinguishing media:** All extinguishing media possible.

**Auto ignition temperature:** N/Av      **Hazardous combustion products:** Nitrogen oxides may evolve when burning.

**Flammable limits (%):** Upper: N/Av Lower: N/Av      **Sensitivity to mechanical impact or static discharge:** No

**Section 5 - Reactivity Data**

**Chemical stability:** Yes      **Reactivity conditions:** N/A

**Conditions:** None

**Incompatible substances:** Strong acids, bases and oxidizing agents, aldehyde, kerone, organic anhydride, halogenated solvents, acrylates.

**Hazardous decomposition products:** Nitrogen oxides may evolve when burning.

# MATERIAL SAFETY DATA SHEET

## L-56E

### Section 6 - Toxicological Data

**Route of entry:** Eye and skin contact, inhalation, ingestion.

**Acute exposure effects:** Weak to moderate irritant for eyes and skin.

**Chronic exposure effects:** Repeated over exposure to triethanolamine may cause kidney and liver damage.

**Exposure limits (TLV/TWA):** N/Av

<u>Carcinogenicity</u>	<u>Mutagenicity</u>	<u>Reproductive toxicity</u>	<u>Teratogenicity</u>	<u>Synergistic effects</u>
No	No	No	No	No

**If yes to any of the above, specify:**

### Section 7 - Preventive Measures

**Protective equipment:** Eyewear, gloves, clothing.  
**Handling procedures:** Keep containers tightly closed.  
**Waste disposal methods:** Dispose as per municipal, provincial and federal regulations.  
**Leak/spill procedures:** Wipe up spills with absorbent material.  
**Storage requirements:** Under normal conditions.  
**Engineering controls:** N/Av  
**Handling equipment:** None  
**Special shipping information:** Not a regulated product according to TDG

### Section 8 - First Aid Measures

**Skin contact:** Wash thoroughly with soap and water. Consult a physician if irritation persists.  
**Eye contact:** Rinse eyes thoroughly with water. Consult physician if necessary.  
**Inhalation:** Remove victim to fresh air  
**Ingestion:** Do not induce vomiting. Rinse mouth with water and drink plenty of water. Consult a physician if necessary.  
**Other:** N/A

### Section 9 - Preparation of MSDS

**Prepared by:** Chemical Tools Manager  
**Telephone:** 860-298-1100  
**Date:** May 1, 2008

*This data is offered in good faith as typical values and not as a product specification. No warranty, either express or implied is hereby made. The recommended industrial hygiene and safe handling procedures are believed to be generally applicable. However, each user should review these recommendations in the specific context of the intended use and determine whether they are appropriate.*

N/A - Not Applicable

N/Av - Not Available

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