1. PRODUCT AND COMPANY IDENTIFICATION

Product Code: 107830
Product Name: Sodium Tolyltriazole, 50%
Trade Name: Sodium Tolyltriazole, 50%
Company Name: Compass Chemical International LLC
Phone Number:
5544 Oakdale Road SE
Smyrna, GA 30082
(678)904-4017

Web site address: www.compasschemical.com
Emergency Contact: Chemtrec
(800)424-9300
24 Hour (404)696-6711

Intended Use: Intended for Industrial Use
Synonyms: Sodium Tolyltriazole Solution

2. HAZARDS IDENTIFICATION

Corrosive To Metals, Category 1
Skin Corrosion/Irritation, Category 1A-1C
Serious Eye Damage/Eye Irritation, Category 1
Aquatic Toxicity (Acute), Category 3
Acute Toxicity: Oral, Category 4
Acute Toxicity: Inhalation, Category 4

GHS Signal Word: Danger
GHS Hazard Phrases:
H290 - May be corrosive to metals.
H302 - Harmful if swallowed.
H314 - Causes severe skin burns and eye damage.
H318 - Causes serious eye damage.
H332 - Harmful if inhaled.
H402 - Hazardous to aquatic life.

GHS Precaution Phrases:
P234 - Keep only in original container.
P260 - Do not breathe dust/fume/gas/mist/vapours/spray.
P264 - Wash hands thoroughly after handling.
P270 - Do not eat, drink or smoke when using this product.
P271 - Use only outdoors or in a well-ventilated area.
P273 - Avoid release to the environment.
P280 - Wear protective gloves/protective clothing/eye protection/face protection.

GHS Response Phrases:
P301+312 - IF SWALLOWED: Call a POISON CENTER or doctor/physician if you feel unwell.
P303+361+353 - IF ON SKIN (or hair): Remove/take off immediately all contaminated clothing. Rinse skin with water/shower.
P304+340 - IF INHALED: Remove victim to fresh air and keep at rest in a position comfortable for breathing.
P305+351+338 - IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
P310 - Immediately call a POISON CENTER or doctor/physician.
P321 - Specific treatment see Response/First aid section on this label.
P330 - Rinse mouth.
P363 - Wash contaminated clothing before reuse.
P390 - Absorb spillage to prevent material damage.

**GHS Storage and Disposal Phrases:**
- P405 - Store locked up.
- P501 - Dispose of contents/container in accordance with all federal, state and local regulations.

**OSHA Regulatory Status:**
This material is classified as hazardous under OSHA regulations.

**Potential Health Effects (Acute and Chronic):**
- **Inhalation:** Toxic if inhaled.
- **Skin Contact:** Irritation may be delayed for several hours.
- **Eye Contact:** Irritating, and may injure eye tissue if not removed promptly.
- **Ingestion:** Toxic if swallowed.

### 3. COMPOSITION/INFORMATION ON INGREDIENTS

<table>
<thead>
<tr>
<th>CAS #</th>
<th>Hazardous Components (Chemical Name)</th>
<th>Concentration</th>
<th>RTECS #</th>
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</thead>
<tbody>
<tr>
<td>64665-57-2</td>
<td>Sodium tolytriazole</td>
<td>50 %</td>
<td>NA</td>
</tr>
</tbody>
</table>

### 4. FIRST AID MEASURES

**Emergency and First Aid Procedures:**
Keep victim under observation.

**In Case of Inhalation:**
Remove from exposure and move to fresh air immediately. If breathing is difficult, give oxygen. If not breathing give artificial respiration. Call a POISON CENTER or doctor/physician if exposed or you feel unwell.

**In Case of Skin Contact:**
Remove contaminated clothing and shoes. Wash with soap and water. Get medical attention if irritation develops or persists. Wash contaminated clothing before reuse.

**In Case of Eye Contact:**
Hold eyelids apart and flush eyes with plenty of water. After initial flushings, remove any contact lenses and continue flushing for at least 15 minutes. Have eyes examined and tested by medical personnel. Get medical aid immediately.

**In Case of Ingestion:**
IF SWALLOWED: Rinse mouth. Do NOT induce vomiting. If victim is fully conscious, give a cupful of water. Immediately call a POISON CENTER or doctor/physician. Never give anything by mouth to an unconscious person.

**Note to Physician:**
Treat symptomatically and supportively.

### 5. FIRE FIGHTING MEASURES

**Flammability Classification:**
Non combustible

**Flash Pt:**
180.0 C (356.0 F)

**Explosive Limits:**
LEL: N.D.  UEL: N.D.

**Autoignition Pt:**
N.D.

**Suitable Extinguishing Media:**
Use water spray, dry chemical, carbon dioxide, or alcohol-resistant foam. Use extinguishing agent suitable for type of surrounding fire. Cool all affected containers with flooding quantities of water. Do NOT get water inside containers.

**Fire Fighting Instructions:**
As in any fire, wear a self-contained breathing apparatus in pressure-demand, MSHA/NIOSH (approved or equivalent), and full protective gear.

**Flammable Properties and Hazards:**
No data available.
6. ACCIDENTAL RELEASE MEASURES

Protective Precautions, Protective Equipment and Emergency Procedures: In case of inadequate ventilation, wear respiratory protection. Wear appropriate gloves to prevent skin exposure. Where contact is likely, wear chemical resistant gloves, a chemical suit, rubber boots, and chemical safety goggles plus a face shield. Use respirators and components tested and approved under appropriate government standards such as NIOSH (US) or CEN (EU).

Environmental Precautions: Observe all federal, state, and local environmental regulations.

Steps To Be Taken In Case Material Is Released Or Spilled:
Discharge into the environment must be avoided. Ensure adequate ventilation. Do not flush to sewer. Water Spill: Prevent additional discharge of material if possible to do so without hazard. Warn occupants and downstream/downwind areas of release of corrosive hazardous material and request all to stay clear. This material will sink and is soluble/dispersible in water, it is probably not recoverable. Notify Authorities.

7. HANDLING AND STORAGE

Precautions To Be Taken in Handling:
Wash thoroughly after handling. Avoid breathing dust, mist, or vapor. Use only with adequate ventilation. Avoid ingestion and inhalation. Do not let this chemical enter the environment. Keep away from food and drinking water.

Precautions To Be Taken in Storing:
Store in a cool, dry, well-ventilated area away from incompatible substances. Keep container tightly closed in a dry and well-ventilated place. Store contents under containers that are resistant to caustic solutions. Do not breathe dust, vapor, mist, or gas.

Other Precautions: Keep container tightly closed.

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

<table>
<thead>
<tr>
<th>CAS #</th>
<th>Partial Chemical Name</th>
<th>OSHA TWA</th>
<th>ACGIH TWA</th>
<th>Other Limits</th>
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<tbody>
<tr>
<td>64665-57-2</td>
<td>Sodium tolytriazole</td>
<td>No data.</td>
<td>No data.</td>
<td>No data.</td>
</tr>
</tbody>
</table>

Respiratory Equipment (Specify Type): Where risk assessment shows air-purifying respirators are appropriate use a full-face respirator with multi-purpose combination (US) or type ABEK (EN 14387) respirator cartridges as a backup to engineering controls.

Eye Protection: Wear chemical splash goggles and face shield.

Protective Gloves: Wear appropriate gloves to prevent skin exposure.

Other Protective Clothing: Wear appropriate protective gloves to prevent skin exposure.

Engineering Controls (Ventilation etc.): Ventilation should be provided to control worker exposures and prevent health risks and as necessary to reduce, prevent and control dust, mist, vapor or aerosol generation. Local exhaust ventilation may be necessary to control any air contaminants to within their TLVs during the use of this product.

Work/Hygienic/Maintenance Practices: Wash thoroughly after handling. Wash hands before breaks and at the end of workday. Handle in accordance with good industrial hygiene and safety practice.

Environmental Exposure Controls: Use adequate ventilation to keep airborne concentrations low.
9. PHYSICAL AND CHEMICAL PROPERTIES

Physical States: [ ] Gas [X] Liquid [ ] Solid
Appearance and Odor: Appearance: Yellowish amber. Liquid.
Odor: Characteristic odor.
Odor threshold: Unavailable

Freezing Point: -8.00 C (17.6 F)
Boiling Point: >= 100.0 C (212.0 F) / 160 mm Hg.
Autoignition Pt: N.D.
Flash Pt: 180.0 C (356.0 F)
Explosive Limits: LEL: N.D. UEL: N.D.
Specific Gravity (Water = 1): NP 1.19 at 25.0 C (77.0 F)
Density: 1.24 G/CC at 20.0 C (68.0 F)
Bulk density: NA
Vapor Pressure (vs. Air or mm Hg): 0.04 MM_HG at 20.0 C (68.0 F)
Vapor Density (vs. Air = 1): NA
Evaporation Rate: < 1 (BuAC=1)
Solubility in Water: Miscible at 18.0 C (64.4 F)
Saturated Vapor Concentration: NP
Viscosity: NP
Octanol/Water Partition Coefficient: 1.71 log POW
pH: 13.5
Percent Volatile: 50.00 % by weight.
VOC / Volume: NA
Particle Size: NA
Heat Value: NA
Corrosion Rate: NA

10. STABILITY AND REACTIVITY

Reactivity: Incompatible materials, Strong acids, Strong oxidizing agents.
Stability: Unstable [ ] Stable [X]
Conditions To Avoid - Instability:
Incompatibility - Materials To Avoid:
Hazardous Decomposition or Byproducts: Hazardous decomposition products formed under fire conditions. Toxic gases/vapors/fume of: Carbon monoxide (CO). Carbon dioxide (CO2) nitrogen oxides (NOx).
Possibility of Hazardous Reactions: Will occur [ ] Will not occur [X]
Conditions To Avoid - Hazardous Reactions:
Product will not undergo polymerization.
11. TOXICOLOGICAL INFORMATION

Toxicological Information: No data available.
Irritation or Corrosion: No data available.
Symptoms related to Toxicological Characteristics: No data available.
Chronic Toxicological Effects: No data available.

CAS # | Hazardous Components (Chemical Name) | NTP | IARC | ACGIH | OSHA
--- | --- | --- | --- | --- | ---
64665-57-2 | Sodium tolyltriazole | n.a. | n.a. | n.a. | n.a.

12. ECOLOGICAL INFORMATION

General Ecological Information: Danger to drinking water, even if small quantities leak into the ground. Freely miscible in water. Other: Do not empty into drains. This product is toxic to fish and aquatic organisms. Do not discharge into effluent containing this product into lakes, streams, ponds or estaries, oceans or other waters unless in accordance with the requirements of a National Pollutant Discharge Elimination System (NPDES) permit and the permitting authority has been notified in writing prior to discharging. Do not discharge effluent containing this product to sewer systems without previously notifying the local sewage treatment plant authority. For guidance call your State Water Board Authority or Regional Office of the EPA.

Results of PBT and vPvB assessment:

CAS# 64665-57-2:
LC50, Bluegill (Lepomis macrochirus), 191.2 MG/L, 96 H.
Result: Morphological changes.

LC50, Rainbow Trout (Oncorhynchus mykiss), 23.70 MG/L, 96 H.
Result: Morphological changes.

LC50, Water Flea (Daphnia magna), 245.7 MG/L, 48 H.
Result: Morphological changes.

Persistence and Degradability: No data available.
Bioaccumulative Potential: No information found. Accumulation in organisms is not expected.
Mobility in Soil: An environmental hazard cannot be excluded in the event of unprofessional handling or disposal.

13. DISPOSAL CONSIDERATIONS

Waste Disposal Method: US EPA guidelines for the classification determination are listed in 40 CFR Parts 261.3. Contact a licensed professional waste disposal service to dispose of this material. Dispose of contents/container in accordance with all federal, state and local regulations. Discarded product, as sold, would be considered a RCRA Characteristic Hazardous Waste as it meets the definition /characteristic of corrosivity (designated as D002).

Waste Disposal Method: D002
14. TRANSPORT INFORMATION

GHS Classification: Corrosive To Metals, Category 1 - Warning! May be corrosive to metals
Skin Corrosion/Irritation, Category 1A-1C - Danger! Causes severe skin burns and eye damage
Serious Eye Damage/Eye Irritation, Category 1 - Danger! Causes serious eye damage
Aquatic Toxicity (Acute), Category 3 - Harmful to aquatic life
Acute Toxicity: Oral, Category 4 - Warning! Harmful if swallowed
Acute Toxicity: Inhalation, Category 4 - Warning! Harmful if inhaled

LAND TRANSPORT (US DOT):
DOT Proper Shipping Name: Corrosive liquid, basic, organic, n.o.s. (Sodium Tolyltriazole)
DOT Hazard Class: 8 CORROSIVE
UN/NA Number: UN3267 Packing Group: II

LAND TRANSPORT (Canadian TDG):
TDG Shipping Name: Corrosive liquid, basic, organic, n.o.s. (Sodium Tolyltriazole)

MARINE TRANSPORT (IMDG/IMO):
IMDG/IMO Shipping Name: Corrosive liquid, basic, organic, n.o.s. (Sodium tollytriazole)
UN Number: [N] Packing Group: II
Hazard Class: 8 - CORROSIVE
IMDG EMS Page:
IMDG MFAG Number:

AIR TRANSPORT (ICAO/IATA):
ICAO/IATA Shipping Name: Corrosive liquid, basic, organic, n.o.s. (Sodium Tolyltriazole)

15. REGULATORY INFORMATION

EPA SARA (Superfund Amendments and Reauthorization Act of 1986) Lists
CAS # Hazardous Components (Chemical Name) S. 302 (EHS) S. 304 RQ S. 313 (TRI)
64665-57-2 Sodium tollytriazole No No No

This material meets the EPA 'Hazard Categories' defined for SARA Title III Sections:
[ ] Yes [ ] No Acute (immediate) Health Hazard
[ ] Yes [ ] No Chronic (delayed) Health Hazard
[ ] Yes [ ] No Sudden Release of Pressure Hazard
[ ] Yes [ ] No Reactive Hazard

CAS # Hazardous Components (Chemical Name) Other US EPA or State Lists
64665-57-2 Sodium tollytriazole CAA HAP,ODC: No; CWA NPDES: No; TSCA: Yes - Inventory, 4 Test; CA PROP.65: No

CAS # Hazardous Components (Chemical Name) International Regulatory Lists
64665-57-2 Sodium tollytriazole Canadian DSL: Yes; Canadian NDSL: No; Mexico INSO: No; Australia ICS: Yes; China IECSC: Yes; Japan ENCS: Yes - (5)-3601; Korea ECL: Yes - KE-23499; Philippines ICSC: Yes; Taiwan TCSCA: Yes; REACH: Yes - (R), (P)
Regulatory Information Statement: Regulatory information provided in this SDS was prepared for this product and is to be used only for the product in its present form. If this material is used as a component in another material or altered in any way, the information in this SDS may no longer be applicable. This document was generated for the purpose of distributing health, safety and environmental data.

16. OTHER INFORMATION

Revision Date: 06/12/2015
Preparer Name: Compass EHS Department (404)696-6711 4071

Hazard Rating System:  

<table>
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<tr>
<th>PPE</th>
<th>HEALTH</th>
<th>FLAMMABILITY</th>
<th>PHYSICAL</th>
<th>NFP</th>
<th>Special Hazard</th>
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<tbody>
<tr>
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<td>3</td>
<td>0</td>
<td>0</td>
<td>0</td>
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</tr>
</tbody>
</table>

HMIS:  

Additional Information About This Product: SDS Data Field Acronym Legend:  
NA- Not Available  
NE- Not Established  
NP- Not Applicable  
NR- Not Required  
PR- Proprietary  
TS- Trade Secret.

Company Policy or Disclaimer: MANUFACTURER DISCLAIMER: NOTICE: We believe that the information contained on this Safety Data Sheet is accurate. The suggested procedures are based on experience as of the date of publication. They are not necessarily either all-inclusive or fully adequate in every circumstance. Also, these suggestions should not be confused with or followed in violation of applicable laws, regulation, rules or insurance requirements. NO WARRANTY IS MADE, EXPRESSED OR IMPLIED, OF MERCHANTABILITY, FITNESS FOR A PARTICULAR PURPOSE OR OTHERWISE.