

# SHARPERTEK®

## Safety Data Sheet SC50-R RUST INHIBITOR

### Section 1 – Product and Company Information

#### Product Identifiers

Name SC50-R StopRust  
Number SC50-R  
Brand Sharpertek  
Product Use Formulated for industrial use only for inhibiting ferrous metals.

#### Supplier

Name Sharpertek  
Address 486 S Opdyke Rd., Pontiac, MI 48341 [www.sharpertek.com](http://www.sharpertek.com)  
Telephone (248) 340-0593 - (248) 340-6189 Fax  
Emergency Phone (800) 424-9300 CHEMTREC - Poison Control 1-800-222-1222  
Prepared/Revised April 10, 2016

### Section 2 – Hazard Identification

#### Classification of the substance or mixture

Not a hazardous substance or mixture.

#### GHS Label elements, including precautionary statements

Not a hazardous substance or mixture.

#### Hazards not otherwise classified or not covered by GHS.

HMIS Rating: Health hazard: 0 Chronic Health Hazard: 0 Flammability: 0 Physical Hazard 0  
NFPA Rating: Health hazard: 0 Fire Hazard: 0 Reactivity Hazard: 0

### Section 3 – Composition/Information on Ingredients

Component	CAS Number	Percentage
Triethanolamine	102-71-6	10-15

### Section 4 – First Aid Measures

#### Description of first aid measures

**General advice:** Move out of dangerous area. Consult a physician. Show this SDS to doctor and first responders.

**In case of eye contact:** Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. If eye irritation persists: Get medical advice/ attention.

**In case of skin contact:** Wash with plenty of water. Take off all contaminated clothing. Wash contaminated clothing before reuse. Seek immediate medical attention if you feel unwell.

**If inhaled:** Remove person to fresh air and keep comfortable for breathing. Contact a POISON CENTER/doctor/see immediate medical attention.

**If swallowed:** Immediately call a POISON CENTER/doctor/ Seek immediate medical attention. Specific treatment is shown. Rinse mouth.

**Most important symptoms and effects, both acute and delayed:** See Sections 2 and 11.

**Indication of any immediate medical attention and special treatment needed:** Treat symptomatically

### Section 5 – Firefighting Measures

#### Extinguishing Media

**Suitable Extinguishing Media:** Use dry chemical, foam or water fog to extinguish.

**Unsuitable Extinguishing Media:** Do not use direct water stream.

**Special hazards arising from the substance or mixture:** Use water spray to cool fire exposed container surfaces and to protect personnel. Thermal decomposition can produce carbon monoxide (highly toxic) and carbon dioxide (an asphyxiate at sufficient concentrations).

**Advice for firefighters:** Wear appropriate protective equipment and self-contained breathing apparatus (SCBA) with a full face-piece operated in positive pressure mode. (MSHA/NIOSH approved or equivalent).

**Further information:** If employees are expected to fight fires, training and equipment information can be found in OSHA Fire Brigades Standard (29 CFR 1910.156).

## Section 6 – Accidental Release Measures

**Personal precautions, protective equipment and emergency procedures:** Avoid breathing fume/gas/mist/spray. Keep unnecessary personnel away. Keep people away from and upwind of spill/leak. Wear appropriate protective equipment and clothing during clean-up. Do not touch damaged containers or spilled material unless wearing appropriate protective clothing. Ensure adequate ventilation.

**Environmental precautions:** Contact local authorities in case of spillage to drain/aquatic environment. Prevent further leakage or spillage if safe to do so. Do not contaminate water. Avoid discharge into drains, water courses or onto the ground.

**Methods and materials for containment and cleaning up:** Contain spilled material if possible. Use noncombustible absorbents for small spills. Vacuum larger spills. Use suitable and properly labeled containers. Dispose of contents/container to an approved waste disposal plant. Never return spills to original containers for re-use. For waste disposal, see section 13 of the SDS.

**Reference to other sections-resources:** For additional information, refer to Section 8: Exposure Controls and Personal Protection, Section 7: Handling, Section 12: Ecological Information, Section 13: Disposal Considerations and OSHA Hazardous Waste Operations and Emergency Response Standard (29 CFR 1910.120).

## Section 7 – Handling and Storage

### Precautions for safe handling

Avoid contact with skin and eyes. Avoid inhalation of dust for solids and vapor or mist for liquids. In case of inadequate ventilation wear respiratory protection. Remove product from tools and equipment before reuse. For precautions see Section 2. For protection see Section 8.

### Conditions for safe storage, including any incompatibilities

Keep container tightly closed in a dry and well-ventilated place. Containers which are opened must be carefully resealed and kept upright to prevent leakage.

### Specific end use

See Section 1.

## Section 8 – Exposure Control and Personal Protection

### Control parameters

Guidelines may not apply to every situation. Industrial hygiene evaluations should be completed at each work place. Exposure limits are for air levels only. When skin contact also occurs, workers may be overexposed, even though air levels are less than the limits when provided.

### Component Workplace Exposure Limits

Triethanolamine (102-71-6): TWA 5 mg/m<sup>3</sup> USA. ACGIH Threshold Limit Values (TLV)

### Exposure controls

Appropriate engineering controls: Where possible, enclose operations and use local exhaust ventilation at the site of chemical release. Maintain airborne levels below exposure limit requirements or guidelines. If local exhaust ventilation or enclosure is not used respirators should be worn. Wear protective work clothing. Facilities storing, packaging or utilizing product should be equipped with an eyewash and a safety shower facility. Wash thoroughly immediately after exposure, before breaks and the end of the work shift. Post hazard and warning information in the work area. In addition, as part of an ongoing education and training effort, communicate all information on the health and safety hazards to potentially exposed workers.

### Personal protective equipment

Safety glasses and chemical resistant gloves are recommended whenever chemicals are handled. Obtain detailed information from OSHA Personal Protective Equipment Standard (29 CFR 1910.132) and equipment suppliers.

Eye/face protection: Face shield and, or safety glasses are recommended. Use equipment for eye protection tested and approved under appropriate government standards such as NIOSH (US) or EN 166(EU).

Skin protection: Wear protective gloves/protective clothing. Dispose of contaminated gloves after use in accordance with applicable regulations and good practices. Wash and dry hands. Wash contaminated clothing and decontaminate shoes before reuse.

Respiratory protection: Use when overexposure potential. Improper use of respirators is dangerous. Respirators should only be used with a written program as described in the OSHA Respiratory Protection Standard (29 CFR 1910.134).

### Control of environmental exposure

Avoid release to the environment. Collect spillage. Dispose of contents/container in accordance with regulations

## Section 9 – Physical and Chemical Properties

### Information on basic physical and chemical properties

Physical State: Liquid  
Color: Blue  
Odor: Mild  
Odor Threshold: Not Determined  
pH: 9.5  
Melting Point: Not Determined  
Freezing Point: Not Determined  
Boiling Point/Range: >212°F / >100°C  
Flash Point: Noncombustible  
Evaporation Rate (Butyl Acetate = 1): Not Determined  
Flammability (solid, gas): Not Applicable  
Flammable Limits: In Air: Lower: Not Applicable  
Upper: Not Applicable  
Vapor Pressure: As Water  
Vapor Density (air = 1): As Water  
Specific Gravity (H<sub>2</sub>O = 1): 1.17  
Solubility in water (by weight): 100%  
Partition coefficient, n-octanol/water (log Pow) Not Determined  
Autoignition Temperature: Not Determined  
Decomposition Temperature: Not Determined  
Viscosity: Non-Viscous  
Explosive properties: Not Determined  
Oxidizing properties: None  
Volatility (wt. %): 0

### Other safety information

Physical Data is typical values based on material tested, but may vary based on composition. Values should not be accepted as guaranteed for every lot or as specifications for this product.

## Section 10 – Stability and Reactivity

**Reactivity:** Not reactive under normal conditions.

**Chemical stability:** Stable under recommended storage conditions.

**Possibility of hazardous reactions:** When in contact with incompatible materials.

**Conditions to avoid:** Contact with incompatible materials and temperature extremes.

**Incompatible materials:** Strong oxidizers.

**Hazardous decomposition products:** Does not decompose under normal conditions.

**Other decomposition products:** During fire, thermal decomposition can produce oxides of nitrogen, carbon monoxide and carbon dioxide (asphyxiates at sufficient concentrations).

## Section 11 – Toxicity Information

### Information on Toxicological Effects

#### Component toxicity

Triethanolamine (102-71-6): Acute toxicity LD50 Oral - Mouse - 5,846 mg/kg - LD50 Oral - Rat - 5,530 mg/kg - LD50 Oral - Rabbit - 2,200 mg/kg - LD50 Oral - Guinea pig - 2,200 mg/kg - LD50 Dermal - Rabbit - > 22.5 g/kg - Skin - Rabbit Result: No skin irritation - Eyes - Rabbit Result: No eye irritation.

#### Mixture toxicity

Inhalation - Dermal - Skin corrosion/irritation - Eye damage/eye irritation - Respiratory/skin sensitization - Germ cell mutagenicity - Reproductive toxicity - Specific target organ toxicity - single exposure - Specific target organ toxicity - repeated exposure - Aspiration hazard: All no data available - Carcinogenicity: No component of this product present at levels greater than or equal to 0.1% is classified as a carcinogen by the National Toxicology Program (NTP), the International Agency for Research on Cancer (IARC), or the Occupational Safety and Health Administration (OSHA).

#### Additional Information

None known.

## Section 12 – Ecological Information

### Ecotoxicity

#### Component ecotoxicity

Triethanolamine (102-71-6): Toxicity to fish LC50 - Lepomis macrochirus (Bluegill) - 450 - 1,000 mg/l - 96 h. Toxicity to daphnia and other aquatic invertebrates EC50 - Daphnia (water flea) - 609.98 mg/l - 48 h - Persistence and degradability Biodegradability Result: 96 % - Readily biodegradable.

#### Mixture ecotoxicity

Toxicity to Fish - Persistence and Biodegradability - Bioaccumulative Potential - Mobility in Soil: No data available for mixture.

#### Other adverse effects

None known.

## Section 13 – Disposal Consideration

### Waste treatment methods

**Product:** Contact a licensed professional waste disposal service to dispose of this material.

**Contaminated packaging:** Contaminated packaging Empty containers should be taken to an approved waste handling site for recycling or disposal. Since emptied containers may retain product residue, follow label warnings even after container is emptied.

## Section 14 – Transport Information

**DOT:** Not Regulated – **IATA:** Not Regulated – **IMDG:** Not Regulated

This information is not intended to convey all specific regulatory or operational requirements/information relating to this product. Additional transportation system information can be obtained through a shipper authorized sales or customer service representative. It is the responsibility of the transporting organization to follow all applicable laws, regulations and rules relating to the transportation of this material.

## Section 15 – Regulatory Information

### Federal

TSCA: Components of this product are listed on the TSCA Inventory.

RCRA: None of the ingredients are currently listed as a substance or a source waste under current RCRA regulations (40 CFR 261.31, 32 and 33).

CERCLA: Product is not found on Table 302.4, 40 CFR part 302.

SARA TITLE III: (Superfund Amendments and Reauthorization Act)

302 Components: None are subject to the reporting requirements of Section 302.

313 Components: None that exceed the threshold (De Minimis) reporting levels established by Section 313.

311/312 Hazards: None

### States

State Right to Know Components: MA, PA & NJ: Triethanolamine (102-71-6)

California Prop. 65 Components: This product does not contain any chemicals known to State of California to cause cancer, birth defects, or any other reproductive harm.

### Canada

DSL: This product, or its components, are listed on or are exempt from the Canadian Domestic Substances List.

WHMIS: Uncontrolled product according to WHMIS classification criteria.

## Section 16 – Other Information

### Disclaimer

The information provided in this Safety Data Sheet is correct to the best of our knowledge, information and belief at the date of its publication. The information given is designed only as guidance for safe handling, use, processing, storage, transportation, disposal and release and is not to be considered a warranty or quality specification. The information relates only to the specific material designated and may not be valid for such material used in combination with any other materials or in any process, unless specified in the text.