

MATERIAL SAFETY DATA SHEET



Compound: ROTO-CLEAN® RTC-192

Effective Date: December 16, 2004

Revision Date: June 11, 2009

Revision: 003

Manufacturer: **ROTO-FINISH CO., INC.**
1600 Douglas Avenue
Kalamazoo, MI 49007

Kyle J. Elmlad (Technical Manager)

EMERGENCY ASSISTANCE

For emergency assistance call CHEMTREC (800) 424-9300

For product information call Roto-Finish (269) 345-7151

COMPOSITION / INGREDIENT INFORMATION

Triethanolamine	CAS#102-71-6	Less than 10%
Monoethanolamine	CAS#141-43-5	Less than 5%

PHYSICAL & CHEMICAL CHARACTERISTICS

Boiling point: 212F Specific Gravity: 1.047
 Solubility in water: Complete Reactivity in water: pH 1% = 9.8
 Appearance and odor: Purple Liquid, Soapy Odor

FIRE AND EXPLOSION DATA

Flash point: Not Applicable Method used: Not Applicable
 Special fire fighting procedures: Not Applicable

PHYSICAL HAZARDS (REACTIVITY DATA)

Incompatibility (materials to avoid): Strong oxidizers and Acids
 Hazardous Decomposition Products: Oxides of Carbon and Nitrogen
 Hazardous Polymerization: Will not occur

HEALTH HAZARDS INFORMATION

Signs and symptoms of exposure: Over exposure may cause irritation to skin and Mucous membranes
 Medical conditions generally aggravated by exposure: Unknown

Emergency and first aid procedures:

Inhalation: Immediately move the patient to fresh air and call a physician. If breathing is difficult, give oxygen. If not breathing, begin artificial respiration.

In case of eye contact: Flush with water for 10-15 minutes - consult a physician

In case of skin contact: Wash thoroughly with water for at least 15 minutes. Remove contaminated clothing and equipment. Seek medical attention if irritation persists.

ROTO-CLEAN® RTC-192

If swallowed: Seek medical attention. Never give anything by mouth to an unconscious person. Induce vomiting only at the instructions of a doctor or nurse.

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SPECIAL PRECAUTIONS AND SPILL/LEAK PROCEDURES

Handling and Storage: Keep container tightly closed when not in use. Product should be stored away from excessive heat or cold. Emptied container may retain product residues. Follow all warnings and precautions even after container is emptied.

Steps to be taken in case material is released or spilled: Absorb the spill with an inert material (i.e. sand, clay, vermiculite) and sweep or scoop material into an appropriate container(s) for disposal. Flush spill area with plenty of water. Remainder can be either, flushed to drain with large amounts of water or collected for proper disposal.

Waste disposal methods: Dispose of in accordance with all Federal, State and Local regulations.

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SPECIAL PROTECTION/CONTROL MEASURES

Respiratory protection: Not required under normal use. If mists can be generated, wear a NIOSH approved air-purifying particulate respirator for the mist concentrations at the point of use.

Ventilation: Good general ventilation in addition to local exhaust ventilation should be provided.

Protective gloves: Skin contact with material should be minimized through the use of suitable impervious gloves. Natural rubber or neoprene gloves are recommended.

Eye protection: Safety glasses with side shields or chemical safety goggles.

Work/Hygienic practices: Wash thoroughly with soap and water after using.

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REGULATORY INFORMATION

Ingredient:	ACGIH TLVs	OSHA PELs	NIOSH RELs
Monoethanolamine CAS#	TWA: 3ppm 7.5 mg/M ³ STEL/CEIL (C): 6ppm 15 mg/M ³	TWA: 3ppm 6mg/M ³	TWA: 3ppm 8 mg/M ³ STEL/CEIL (C): 6ppm 15 mg/M ³
Triethanolamine CAS#102-71-6	TWA: 5ppm	No Listing	No Listing

IARC: Triethanolamine CAS#102-71-6; group 3 material

NTP: Not Listed

SARA: Not Listed

TSCA: All ingredients are on the TSCA inventory or are not required to be listed on the TSCA inventory.

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H.M.I.S. RATINGS

Health: 2

Flammability: 0

Reactivity: 0

*Legend: 0 – minimal hazard; 1 – slight hazard; 2 – moderate hazard; 3 – serious hazard; 4 – severe hazard

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TRANSPORTATION

DOT Classification: Not Regulated

IATA-DGR Classification: Not Regulated