

MATERIAL SAFETY DATA SHEET



Compound: ROTO-CLEAN® RTC-130

Effective Date: December 16, 2004

Revision Date: June 10, 2009

Revision: 003

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

Kyle J. Elmblad (Technical Manager)

EMERGENCY ASSISTANCE

For emergency assistance call CHEMTREC (800) 424-9300

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

COMPOSITION / INGREDIENT INFORMATION

Sodium Hydroxide CAS #1310-73-2 (Less than 15%)

NOTE: Product is a biodegradable mixture of surfactants, buffers, lubricants and auxiliary materials.

PHYSICAL & CHEMICAL CHARACTERISTICS

Boiling point: ca 212 F Specific Gravity: 1.125

Solubility in water: Complete Reactivity in water: pH 1%=12.4, pH 100%=14.13

Appearance and odor: Amber color liquid, non viscous, no odor

FIRE AND EXPLOSION DATA

Flash point: Not applicable Method used: TOC

Special fire fighting procedures: Not applicable

PHYSICAL HAZARDS (REACTIVITY DATA)

Incompatibility (materials to avoid): Strong-oxidizing agents

Hazardous Decomposition Products: Oxides of carbon and nitrogen

Hazardous Polymerization: Will not occur

HEALTH HAZARDS INFORMATION

Signs and symptoms of exposure: Over exposure could cause skin irritation with sensitive individuals.

Medical conditions generally aggravated by exposure: Unknown

Emergency and first aid procedures:

Inhalation: Unlikely as material is not volatile. 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

ROTO-CLEAN® RTC-130

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.

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.

SPECIAL PRECAUTIONS AND SPILL/LEAK PROCEDURES

Handling and Storage: Keep container tightly closed when not in use. Store 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). Sweep or scoop material into containers 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.

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.

REGULATORY INFORMATION

| Ingredient: | ACGIH TLVs | OSHA PELs | NIOSH RELs |
|-----------------------------------|--------------------------------------|--------------------------|--------------------------------------|
| Sodium Hydroxide CAS#1310-73-2 | STEL/CEIL (C): C 2 mg/M ³ | TWA: 2 mg/M ³ | STEL/CEIL (C): C 2 mg/M ³ |
| | | | |

IARC: Not Listed

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.

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

TRANSPORTATION

DOT Classification: Sodium Hydroxide Solution, 8, UN-1824, II

IATA-DGR Classification: Sodium Hydroxide Solution, 8, UN-1824, II