

MATERIAL SAFETY DATA SHEET



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PRODUCT NAME: THERMO-CLEAN, No Rinse All Purpose Cleaner

REVISION DATE: 09/17/2002 REVISION NUMBER: 4
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1. CHEMICAL PRODUCT

MSDS FORM NUMBER: 7034
NFPA/HMIS HAZARD CODES (minimal=0; slight=1; moderate=2; serious=3; severe=4)

Health: 1/1
Fire: 0/0
Reactivity: 0/0
Special/Protective None/B
Equipment:

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2. COMPOSITION/INFORMATION ON INGREDIENTS

Hazardous Components

Table with 7 columns: PRODUCT COMPOSITION CAS REGISTRATION NO., APPROX. WEIGHT PERCENT, ACGIH TLV, ACGIH UNIT, OSHA PEL, OSHA UNIT, SARA 313 Reportable. Row 1: Nonyl phenol ethoxylate 9016-45-9, 10 max., NA, NA, NA, NA, No.

3. PHYSICAL AND CHEMICAL PROPERTIES

BOILING POINT (F): 212 (C) NA
VAPOR PRESSURE: As water
VAPOR DENSITY (AIR=1): As water
SOLUBILITY IN WATER: COMPLETE
SPECIFIC GRAVITY: 1.01 +/- 0.005 @ 70F
VOC Content (%): NE
VOV Content (%): NE
EVAPORATION RATE: As water
PH: 7.0 +/- 1.0
APPEARANCE AND ODOR: Blue liquid. Pleasant odor.

4. FIRE AND EXPLOSION HAZARD DATA

FLASH POINT (F): None (C): NA
METHOD: TCC

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FLAMMABLE LIMITS IN AIR - LOWER (%): NA

FLAMMABLE LIMITS IN AIR - UPPER (%): NA

EXTINGUISHING MEDIA: As for surrounding fire. Product is mostly water and will not burn.

FIRE FIGHTING PROCEDURES: None.

5. STABILITY AND REACTIVITY

STABILITY DATA: STABLE

POLYMERIZATION: Will Not Occur.

HAZARDOUS DECOMPOSITION: None Known.

INCOMPATIBILITY (MATERIALS TO AVOID): None known.

CONDITIONS/HAZARDS TO AVOID: None.

6. HAZARDS IDENTIFICATION

EFFECTS FROM ACUTE EXPOSURE:

INGESTION:

Large amounts may cause irritation, nausea, diarrhea.

SKIN CONTACT:

Prolonged contact may lead to irritation and dermatitis.

INHALATION:

Causes mild respiratory irritation.

EYE CONTACT:

May irritate eyes.

CHRONIC EFFECTS:

None known.

EFFECTS/CARCINOGENICITY:

None listed under OSHA, IARC, or NTP.

ROUTES OF ENTRY:

Routes of entry for solids and liquids include eye and skin contact, ingestion and inhalation.

EMERGENCY AND FIRST AID MEASURES:

INGESTION: Do not induce vomiting. Slowly dilute with 1-2 glasses of water or milk and seek medical attention. Never give anything by mouth to an unconscious person. **SKIN:** Flush skin with large amounts of water. If irritation persists, get medical attention.

INHALATION: If inhaled, remove from area to fresh air. Get medical attention if

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respiratory irritation develops or if breathing becomes difficult. **EYES:** In case of contact, immediately flush eyes with plenty of water for at least 15 minutes and get medical attention if irritation persists.

NOTES TO PHYSICIAN: None.

7. HANDLING AND STORAGE

SPILL PROCEDURES:

SMALL SPILLS: Flush with water.

LARGE SPILLS: Dike to contain. Pick up with absorbant material. Put in suitable container for disposal. Flush remainder with water.

WASTE DISPOSAL METHODS:

Dispose in accordance with Federal, State and Local regulations.

PRECAUTIONS TO BE TAKEN IN HANDLING AND STORAGE:

Store in a cool, dry area.

OTHER PRECAUTIONS:

Keep out of reach of children.

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

EXPOSURE CONTROLS:

None known.

RESPIRATORY PROTECTION:

None normally required.

PROTECTIVE GLOVES:

Rubber or plastic gloves recommended to minimize skin contact.

EYE PROTECTION:

Goggles.

OTHER PERSONAL PROTECTION

None required.

EQUIPMENT:

VENTILATION:

None required. General mechanical and/or local exhaust as needed if mist or vapors cause irritation.

Health and safety information presented on this form is generally applicable at recommended dilutions, varying only in degree. This information was compiled from current, reliable sources and is believed to be correct. As data, and/or regulations change, and conditions of use and handling are beyond our control, no warranty, express or implied, is made as to completeness or continuing accuracy of this information.

*** END OF MSDS ***