

MSDS: 187 REVISION: 003
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MATERIAL SAFETY DATA SHEET

PRODUCT NAME: MC300 Biodegreaser

DESCRIPTION: Biodegradable Degreasing Solvent

INGREDIENTS AND EXPOSURE LIMITS

| INGREDIENTS: | CAS NUMBER: | PEL: | TLV: | STEL: |
|---|--------------------|-------------|-------------|--------------|
| Botanical Limonenes | 08008-57-9 | NE | NE | NE |
| Poly(oxyethylene/ oxypropylene) Glycol | 09003-11-6 | NE | NE | NE |
| Nonylphenol Ethoxylate | 26027-38-3 | NE | NE | NE |

PEL = OSHA Permissible Exposure Limit. *TLV* = ACGIH Threshold Limit Value. These are 8 hour time-weighted averages unless indicated by "C" (Ceiling) or "STEL" (Short Term Exposure Limit). *NE* = None Established

PHYSICAL DATA

APPEARANCE AND ODOR: Orange/red liquid, citrus smell.

BOILING POINT: 325 F

VAPOR PRESSURE: Not Determined

EVAPORATION RATE: Not Determined

SPECIFIC GRAVITY: 0.90 +/- 0.05

VOC CONTENT: 660 g/l

MELTING POINT: Not Applicable

VAPOR DENSITY: Not Determined

SOLUBILITY IN WATER: Emulsifies

pH: Not Determined

FIRE AND EXPLOSION HAZARD DATA

FLASH POINT: None at boiling

EXTINGUISHING MEDIA: None required

SPECIAL FIRE FIGHTING PROCEDURES: Thermal decomposition can yield CO and CO₂.

UNUSUAL FIRE AND EXPLOSION HAZARDS: None known

FLAMMABLE LIMITS: Not Applicable

REACTIVITY DATA

INCOMPATIBILITY: May attack some plastics

HAZARDOUS POLYMERIZATION: Will not occur

CONDITIONS TO AVOID: None identified

HAZARDOUS DECOMPOSITION PRODUCTS: None identified

STABILITY: Stable.

HEALTH HAZARD DATA

KNOWN HAZARDS: Skin and eye irritation

CARCINOGENICITY: No ingredients are listed by IARC, NTP, or OSHA as carcinogens

PRIMARY ROUTES OF EXPOSURE: Dermal

SIGNS AND SYMPTOMS OF EXPOSURE: Skin and eye irritation.

MEDICAL CONDITIONS AGGRAVATED BY EXPOSURE: Eye, skin, and respiratory conditions.

EMERGENCY AND FIRST AID PROCEDURES

EYES: Immediately flush with plenty of water. Call a physician.

SKIN: Wash with soap and water.

INGESTION: Give plenty of water to drink. Never give anything by mouth to an unconscious person. Do not induce vomiting unless directed to by a physician. Call a physician immediately.

OTHER: Referral to a physician is recommended if there is any question about the seriousness of the injury/exposure.

CONTROL MEASURES AND PERSONAL PROTECTIVE EQUIPMENT

VENTILATION: General (natural or mechanically induced fresh air movements that maintain vapor concentrations below recommended exposure limits).

EYE PROTECTION: Safety glasses are recommended in most industrial settings.

SKIN PROTECTION: None normally required.

RESPIRATORY PROTECTION: None normally required with adequate ventilation as noted above. Use a NIOSH-approved organic vapor cartridge respirator if vapor concentrations become excessive due to poor air movement.

PRECAUTIONS FOR SAFE HANDLING AND USE

HANDLING AND STORING PRECAUTIONS: Do not use or store near heat. Wash hands with soap and water before handling food. Use with adequate ventilation.

SPILL PROCEDURES: Cover with absorbent material and place in a salvage container for proper disposal. Flush area with water to remove residue and reduce slip hazard.

REGULATORY INFORMATION

OSHA HAZARD COMMUNICATION: This MSDS has been prepared in compliance with the federal OSHA Hazard Communication Standard. This product is a hazardous chemical under that standard.

HMIS CODES: Health 1, Flammability 0, Reactivity 1, PPE A

DOT PROPER SHIPPING NAME: Not regulated

TSCA INVENTORY STATUS: Chemical components listed on TSCA inventory.

SARA TITLE III, SECTION 313: This product does not contain any toxic chemicals subject to reporting under Section 313 of SARA Title III (40 CFR PART 372).

WASTE DISPOSAL METHODS: Consult with regulatory agencies or corporate personnel for disposal methods that comply with local, state, and federal health and environmental regulations.

CONTACTS: TECHNICAL: Bill McCann
HEALTH/SAFETY: Steve Gerrard

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