

Material Safety Data Sheet

This MSDS Sheet complies with the style format specified by ANSI Z400.1-1993

SECTION 1: CHEMICAL PRODUCT - COMPANY IDENTIFICATION

Mayco Wellchem, Inc.
1525 N. Post Oak
Houston, Texas 77055
(713) 688-2602

(800) 424-9300 - CHEMTREC (24 Hours Emergency Response)

SUBSTANCES: Nonylphenol, Isopropanol, Surfactant Blend
TRADE NAMES/SYNONYMS: MAYCO PIPEWASH OB
CHEMICAL FAMILY: Surfactant Blend
MSDS CREATION DATE: Oct 12, 2000
MSDS REVISION DATE:

SECTION 2: COMPOSITION, INFORMATION ON INGREDIENTS

COMPONENTS: Nonylphenol, Isopropanol, Water, Surfactants
CAS NUMBER: 25154-52-3 (Nonylphenol), 67-63-0 (Isopropanol), 7732-18-5 (Water)
RTECS NUMBER: SM5600000 (Nonylphenol), NT8050000 (Isopropanol)
PERCENTAGE: Nonylphenol (20-30%), Isopropanol (5%), Water (20-35%), Surfactants (50-60%)
PROBABLE CONTAMINANT: Not known

SECTION 3: HAZARDS IDENTIFICATION

NFPA RATINGS: (SCALE 0-4): HEALTH=1, FIRE=1, REACTIVITY=0

EMERGENCY OVERVIEW: Clear liquid with mild odor. May cause skin and eye irritation. Avoid breathing vapor or mist. Avoid contact with eyes, skin and clothing. Keep container tightly closed. Wash thoroughly after handling. Use only with adequate ventilation.

POTENTIAL HEALTH EFFECTS:

INHALATION:

Short Term Effects: May cause irritation.

Long Term Effects: Same effects as short term exposure.

SKIN CONTACT:

Short Term Effects: May cause irritation.

Long Term Effects: Same effects as short term exposure.

EYE CONTACT:

Short Term Effects: May cause irritation.

Long Term Effects: Same effects as short term exposure.

INGESTION:

Short Term Effects: May cause irritation.

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Long Term Effects: Same effects as short term exposure.

CARCINOGEN STATUS:

OSHA: No **NTP:** No **IARC:** No

SECTION 4: FIRST AID MEASURES

INHALATION: Remove from exposure area to fresh air immediately. If breathing has stopped, perform artificial resuscitation. Keep person warm and at rest. Treat symptomatically and supportively. Get medical attention immediately. Qualified medical personnel should consider administering oxygen.

SKIN CONTACT: Remove contaminated clothing and shoes immediately. Wash affected area with soap or mild detergent and large amounts of water until no evidence of chemical remains (at least 15-20 minutes). Get medical attention immediately.

EYE CONTACT: Flush eyes immediately with large amounts of water or normal saline solution, occasionally lifting upper and lower lids until no evidence of chemical remains (approximately 15-20 minutes). Get medical attention immediately.

INGESTION: Give large amounts of milk or water immediately. Do not give anything by mouth if person is unconscious or otherwise unable to swallow. If vomiting occurs, keep head below hips to prevent aspiration. Treat symptomatically and supportively. Get medical attention immediately.

NOTE TO PHYSICIAN: Antidote:

No specific antidote. Treat symptomatically and supportively.

SECTION 5: FIRE FIGHTING MEASURES

FIRE AND EXPLOSION HAZARD: Negligible fire hazard when exposed to heat or flame.

EXTINGUISHING MEDIA: Dry chemical, carbon dioxide, water spray, or regular foam. For larger fires, use water spray, fog, or regular foam (1993 Emergency Response Guidebook, RSPA 5800.6).

FIREFIGHTING: Move container(s) from fire area if you can do so without risk. Do not scatter spilled material with high-pressure water streams. Dike fire-control water for later disposal. Use agents suitable for type of surrounding fire. Avoid breathing vapors, keep upwind.

HAZARDOUS COMBUSTION PRODUCTS: Thermal decomposition products may include toxic oxides of carbon and corrosive phenolics.

SECTION 6: ACCIDENTAL RELEASE MEASURES

OCCUPATIONAL SPILL: Do not touch spilled material. Stop leak if you can do so without risk. For small spills, take up with sand or other absorbent material and place into clean, dry containers for later disposal. Move containers from spill area. For larger spills, dike far ahead of spill for later disposal. Deny entry to nonessential personnel and isolate hazard.

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SECTION 7: HANDLING AND STORAGE

Observe all federal, state, and local regulations when storing this liquid. Store away from incompatible substances.

SECTION 8: EXPOSURE CONTROLS, PERSONAL PROTECTION

EXPOSURE LIMITS: No occupational exposure limits established by OSHA/ACGIH/NIOSH.

VENTILATION: Provide general dilution ventilation.

EYE PROTECTION: Wear safety glasses with splash shields or safety goggles/shield to prevent contact with this liquid.

EMERGENCY WASH FACILITIES: Where there is any possibility that an employee's eyes and/or skin may be exposed to this liquid, the employer should provide an eye wash fountain and quick drench shower within the immediate work area for emergency use.

CLOTHING: Wear appropriate protective (impervious) clothing and equipment to prevent repeated or prolonged skin contact with this product.

GLOVES: Wear appropriate protective gloves to prevent contact with this product.

RESPIRATOR: The respirator selected must be based on contamination levels found in the work place and specific to the job assignment. Do not exceed the working limits of the respirator. Respirators must also be jointly approved by the National Institute for Occupational Safety and Health and the Mine Safety and Health Administration (NIOSH-MSHA). These respirators are ranked from minimum to maximum respiratory protection as listed below:

- Any dust and mist respirator with a full facepiece;
- Any air-purifying full facepiece respirator with a high-efficiency particulate filter;
- Any powered air-purifying respirator with a tight-fitting facepiece and high-efficiency particulate filter;
- Any Type 'C' supplied-air respirator with a full facepiece operated in pressure-demand or other positive-pressure mode or with a full facepiece, helmet or hood operated in continuous-flow mode;
- Any self-contained breathing apparatus with a full facepiece operated in pressure-demand or other positive -pressure mode.

FOR FIREFIGHTING AND OTHER IMMEDIATELY DANGEROUS TO LIFE OR HEALTH

CONDITIONS: Any self-contained breathing apparatus that has a full facepiece and is operated in a pressure-demand or other positive-pressure mode. Any supplied-air respirator that has a full facepiece and is operated in a pressure-demand or other positive-pressure mode in combination with an auxiliary self-contained breathing apparatus operated in pressure-demand or other positive-pressure mode.

SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

DESCRIPTION: Clear liquid with mild odor.

SPECIFIC GRAVITY: 1.025

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BOILING POINT: >220⁰ F
PERCENT VOLATILE BY WEIGHT: <2%
WATER SOLUBILITY: Miscible with water in all proportions.

SECTION 10: STABILITY AND REACTIVITY

REACTIVITY: Stable under normal temperatures and pressures.
CONDITIONS TO AVOID: Avoid contact with strong oxidizers.
INCOMPATIBILITIES:
 Oxidizers (Strong): Incompatible.
HAZARDOUS DECOMPOSITION: Thermal decomposition products may include toxic oxides of carbon and corrosive phenolics.
POLYMERIZATION: Hazardous polymerization has not been reported to occur under normal temperatures and pressures.

SECTION 11: TOXICOLOGICAL INFORMATION

TOXICITY DATA: No data are available.
CARCINOGEN STATUS: None.
LOCAL EFFECTS: Irritant - skin, eye, ingestion.
ACUTE TOXICITY LEVEL: No data available.
TARGET EFFECTS: No data available.
INHALATION: No data are available.
 SKIN CONTACT: No data are available.
 EYE CONTACT: No data are available.
 INGESTION: No data are available

SECTION 12: ECOLOGICAL INFORMATION

ENVIRONMENTAL IMPACT RATING (0-4): No data available.
ACUTE AQUATIC TOXICITY: No data available.
DEGRADABILITY: No data available.
LOG BIOCONCENTRATION FACTOR (BCF): No data available.
LOG OCTANOL/WATER PARTITION COEFFICIENT: No data available.

SECTION 13: DISPOSAL INFORMATION:

Observe all federal, state and local regulations when disposing of this substance.

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SECTION 14: TRANSPORT INFORMATION

DOT Shipping Name-ID Number: Non-regulated.

SECTION 15: REGULATORY INFORMATION

	TSCA STATUS:	Yes
	DSL STATUS:	Yes
	EINECS STATUS:	Yes
40 CFR 302.4	CERCLA SECTION 103:	No
40 CFR 355.30	SARA SECTION 302:	No
40 CFR 355.40	SARA SECTION 304:	No
40 CFR 372.65	SARA SECTION 313:	No
29 CFR 1910.119	OSHA Process Safety:	No
	California Proposition 65:	No
	New Jersey SNJ:	No
	Pennsylvania SPA:	No
40 CFR 370.21	SARA HAZARD CATEGORIES, SARA SECTIONS 311/312	
	ACUTE HAZARD:	Yes
	CHRONIC HAZARD:	No
	FIRE HAZARD:	No
	REACTIVITY HAZARD:	No
	SUDDEN RELEASE HAZARD:	No

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SECTION 16: OTHER INFORMATION

Personnel handling this product should be informed of the recommended safety precautions and should have access to this information.

This information relates to the specific material designated and may not be valid for such material used in combination with other materials or processes. Such information is to the best of our knowledge and belief, accurate and reliable as of the date compiled. However, no representation, warranty or guarantee is made as to its accuracy, reliability, or completeness. It is the user's responsibility to satisfy themselves as to the suitability and completeness of such information for their own use and purpose. We do not accept liability for any loss or damage that may occur from the use of this information nor do we offer warranty against patent infringement.

Mayco Wellchem, Inc. reserves the right to refuse shipment of this material to any person or organization who, in the judgement of Mayco Wellchem, Inc., does not demonstrate the ability to consistently handle and use it safely and in compliance with all applicable laws, rules and regulations.

Customers are responsible for compliance with local, state, and federal regulations that may be pertinent in the storage, application, and disposal of this product.