

MATERIAL SAFETY DATA SHEET

Distributed By: WATERLESS CO. Inc. • (800) 244-6364
CHEMTEL—24 Hour Emergency Response (800) 255-3924

TRADE NAME: **Signature™**
 CHEMICAL OR COMMON NAME:
 Odor Blocker

COMPONENTS

MATERIAL	CAS #	%	TLV(ppm)	OTHER
1. Nonyl Phenol Ethoxylate	26027-38-3	1-5	N/A	

PHYSICAL DATA

BOILING PT(Degrees F): <212
 SPECIFIC GRAVITY: 0.99
 APPEARANCE: Yellow Liquid
 PERCENT ACTIVE: 13
 VAPOR PRESSURE(at 68 Degrees F): <17mmHg
 EVAPORATION RATE(BUTYL ACETATE=1): <1
 > means greater then; < means less than
 ***These physical data are typical values based on material tested but may vary from sample to sample. Typical values should not be construed as a guaranteed analysis of any specific lot or as specification items.

FREEZE PT(Degrees F): <32
 SOLUBILITY IN WATER:100%
 VOLATILES(% by WT.): 95
 VAPOR DENSITY(AIR=1): >1
 pH: 6-7
 ODOR: Lemon grass
 VOC: 120 grams per liter

FIRE AND EXPLOSION HAZARD INFORMATION

FLASH POINT(Degrees F--TCC): Over 110 F
 AUTOIGNITION TEMP(Degrees F): No Data
 FLAMMABLE LIMITS IN AIR, Volume %: Lower: No Data Upper: No Data
 EXTINGUISHING MEDIA: WATER SPRAY, FOAM, CO2, DRY CHEMICAL.
 SPECIAL FIREFIGHTING PROCEDURES: Firefighters should wear self-contained breathing apparatus with a full facepiece in positive pressure mode. Heated solvent vapors can travel to an ignition source and flash back. Explosive mixtures can form with air.

NFPA HAZARD RATING

Health (blue): 1
 Least - 0

Slight - 1

Flammability(red): 1
 Moderate - 2

High - 3

Reactivity (yellow): 0
 Extreme -4

HEALTH HAZARD DATA

***It is important to determine whether exposure is to concentrated or dilute product. The information included in this document is intended to deal with exposure to concentrated product. Generally, exposure to diluted product will result in substantially less risk of injury than described herein.

EFFECTS OF ACUTE OVER EXPOSURE

PRINCIPLE ROUTES OF EXPOSURE: Ingestion, eyes, skin; possible inhalation
 CONTACT WITH EYES: Direct contact with concentrated product may cause moderate irritation.
 CONTACT WITH SKIN: Repeated or prolonged contact may cause irritation, drying, dermatitis.
 SKIN ABSORPTION: Repeated contact may cause allergic dermatitis.
 INHALATION: Excessive inhalation of the concentrate can cause nasal and respiratory irritation, dizziness, headache, and anesthetic effects.
 INGESTION: IRRITATION, NAUSEA, VOMITING AND DIARRHEA.
 HEALTH EFFECTS OR RISKS FROM EXPOSURE: Overexposure may result in allergic skin reactions.
 CONTACT WITH EYES: Stinging, watering of eyes.
 CONTACT WITH SKIN: Irritation, inflammation.
 INHALATION: No data.

EMERGENCY AND FIRST AID PROCEDURES

EYES: Gently irrigate with large amounts of cool water for 15 minutes. Seek medical attention.

SKIN: Flush with water.

INHALATION: If discomfort is experienced, remove to fresh air. Give oxygen if required. Seek medical attention.

INGESTION: Seek medical attention immediately. Wash out mouth area and give moderate amounts of fluid (water or milk) to dilute. Induce vomiting and give fluids again.

TOXICITY DATA

SUSPECTED CANCER AGENT: NO

OSHA REGULATED: NO

PROPOSITION 65: NO

NTP & IARC: NO

REACTIVITY DATA

STABILITY: THIS PRODUCT IS STABLE

CONDITIONS TO AVOID: Heat, temperature extremes.

MATERIALS TO AVOID: Strong oxidizers and strong reducing agents.

HAZARDOUS DECOMPOSITION PRODUCTS: Carbon and nitrogen oxides, hydrogen chloride.

HAZARDOUS POLYMERIZATION: WILL NOT OCCUR

SPILL OR LEAK PROCEDURES

LARGE SPILLS: (55 gallons or more) Wear rubber boots, gloves, and appropriate protective clothing. Shut off source of leak if safe to do so. Dike and contain spill. Transfer liquid to plastic drum or containers for recovery or disposal.

SMALL SPILLS: Mop up and rinse area.

WASTE DISPOSAL METHOD: Dispose of wastes in accordance with federal, state and local regulations.

SPECIAL PROTECTION INFORMATION

VENTILATION AND ENGINEERING CONTROLS: In confined areas provide adequate local exhaust ventilation to lower the concentration of mists, or sprayed material.

RESPIRATORY PROTECTION: For mists and sprayed material use NIOSH approved respirator.

PROTECTIVE GLOVES: Use of rubber gloves will decrease skin dryness and irritation.

EYE PROTECTION: Chemical splash goggles.

SPECIAL PRECAUTIONS

PRECAUTIONARY STATEMENTS: CAUTION: **KEEP OUT OF REACH OF CHILDREN**

Do not get in eyes, on skin or on clothing. Do not take internally. Avoid breathing vapors.

THE INFORMATION CONTAINED HEREIN IS BASED ON THE DATA AVAILABLE TO US. IT IS BELIEVED TO BE CORRECT. WATERLESS CO., HOWEVER, MAKES NO WARRANTY, EXPRESSED OR IMPLIED, REGARDING THE ACCURACY OF THESE DATA OR THE RESULTS TO BE OBTAINED FROM THE USE THEREOF. WATERLESS CO. ASSUMES NO RESPONSIBILITY FOR PERSONAL INJURY OR PROPERTY DAMAGE TO VENDEES, USERS OR THIRD PARTIES FROM THE USE OF THE PRODUCT DESCRIBED HEREIN. SUCH VENDEES OR USERS ASSUME ALL RISKS ASSOCIATED WITH THE USE OF THE PRODUCT.

1/2013