



optionsforlife<sup>®</sup>  
safer for people, pets and planet

## section 1 company & product

company: optionsforlife, llc  
address: 150 Beekman Street, NY, NY 10038  
phone: 212-809-6539

emergency phone: 800-535-5053

product chemical family: detergent blend (non-toxic)

product: tub & tile cleaner concentrate

## section 2 product contents

in a water base ...  
chemical name, cas no., wt.%, :  
acid replacement metauredoaniline  
hydrochloride, 506-89-8, <9  
linear alcohol ethoxylate, 68991-48-0, <4  
sodium lactate, 527-07-1, <3

## section 3 physical properties

boiling point: approx. 215 degrees F  
vapor density: 4.85 gm/m<sup>3</sup> @ 32 degrees F  
% volatile: 91  
completely soluble in water  
description: slightly yellowish liquid, moderate odor  
specific gravity: 1.025  
pH: 1.5  
voc content: none

## section 4 fire prevention information

flash point: > 200 degrees F  
non-flammable  
extinguishing media: dry chemical, water or CO2  
fire fighting precautions: product is slippery on surfaces  
no unusual or explosion hazards

## section 5 health hazards and first aid

**skin:** may cause irritation, dryness or redness with prolonged contact. **treat** by flushing skin with water.  
**eyes:** may cause irritation or tearing. **treat** by flushing eye with water.  
**nose, throat and lungs:** may be irritating to mucous membranes. **treat** by moving to fresh air.

**ingestion: if swallowed, do not induce vomiting, drink lots of water and seek medical attention.**

exposure limits: not established.  
carcinogenicity: no ingredients are listed by the National Toxicology Program (NTP) or the International Agency for Research on Cancer (IARC) as known or possible carcinogens.

## section 6 protective handling and storage recommendations

keep out of reach of children and pets.  
wear protective rubber gloves and eye wear.  
keep area being cleaned ventilated while cleaning.  
store in a cool, but not freezing, place.

## section 7 spill or leakage procedures

keep unnecessary personnel away from area.  
floors will become slippery, wear slip-resistant boots or shoes.  
mop/absorb as much of the split liquid as possible before you rinse with cold water.  
dispose material as per local, state and federal laws pertaining to non-toxic and biodegradable liquids.

## section 8 reactivity information

stable  
no hazardous polymerization  
no materials to avoid  
no hazardous decomposition products known

## section 9 shipping information

cleaning compounds  
non-hazardous  
for a gallon or less: may be shipped as ORM (otherwise regulated material)  
larger sizes: ship class number 55

### hazardous material identification rating:

health: 1 (on a scale of 0/not hazardous to 4/very hazardous)  
flammability: 0  
reactivity: 0  
personal protection: B

msds number: ofl-tt-2 date: 08.08.08

# material safety data sheet